



**STATE OF ALASKA**  
Department Of Corrections  
550 W. 7<sup>th</sup> Ave, Suite 1800  
Anchorage, AK 99501-3569

## **INVITATION TO BID**

### **Fire Alarm System Testing & Inspection Service**

Goose Creek Correctional Center  
Wasilla, Alaska

**ITB # 180000062**

Date of Issue: April 24, 2018

Offerors Are Not Required To Return This Form.

Gary Bailey  
Procurement Officer  
Department of Corrections

# INVITATION TO BID (ITB) NUMBER # 180000062

**RETURN THIS BID TO THE ISSUING OFFICE AT:**



Department of Corrections  
Division of Administrative Services  
550 W 7<sup>th</sup> Ave., Suite 1800  
Anchorage, Alaska 99501

**DATE ITB ISSUED: April 24, 2018**

**THIS IS NOT AN ORDER**

**ITB TITLE: Fire Alarm System Inspection & Testing Service**

**SITE INSPECTION IS ON May 8, 2018. SEE PAGE # 10 FOR INSTRUCTIONS.**

**SEALED BIDS MUST BE SUBMITTED TO THE DIVISION OF ADMINISTRATIVE SERVICES AT THE ABOVE ADDRESS AND MUST BE TIME AND DATE STAMPED BY THE PURCHASING SECTION PRIOR TO 2:00 PM on May 16, 2018, AT WHICH TIME THEY WILL BE PUBLICLY OPENED.**

**DELIVERY LOCATION: 550 W. 7<sup>th</sup> Ave., Suite 1800, Anchorage, AK 99501**

**DELIVERY DATE: July 1, 2018**

**F.O.B. POINT: FINAL DESTINATION**

**IMPORTANT NOTICE:** If you received this solicitation from the State's "Online Public Notice" web site, you must register with the Procurement Officer listed on this document to receive notification of subsequent amendments. Failure to contact the Procurement Officer may result in the rejection of your offer.

**BIDDER'S NOTICE:** By signature on this form, the bidder certifies that:

- (1) the bidder has a valid Alaska business license, or will obtain one prior to award of any contract resulting from this ITB. If the bidder possesses a valid Alaska business license, the license number must be written below or one of the following forms of evidence must be submitted with the bid:
  - a canceled check for the business license fee;
  - a copy of the business license application with a receipt date stamp from the State's business license office;
  - a receipt from the State's business license office for the license fee;
  - a copy of the bidder's valid business license;
  - a sworn notarized affidavit that the bidder has applied and paid for a business license;
- (2) the price(s) submitted was arrived at independently and without collusion and that the bidder is complying with:
  - the laws of the State of Alaska;
  - the applicable portion of the Federal Civil Rights Act of 1964;
  - the Equal Employment Opportunity Act and the regulations issued thereunder by the State and Federal Government; and
  - all terms and conditions set out in this Invitation to Bid (ITB).

If a bidder fails to comply with (1) at the time designated in the ITB for opening the state will disallow the Alaska Bidder Preference. If a bidder fails to comply with (2) of this paragraph, the state may reject the bid, terminate the contract, or consider the contractor in default. Bids must be also submitted under the name as appearing on the bidder's current Alaska business license in order to receive the Alaska Bidder Preference.

## **CONTRACTING OFFICER INFORMATION**

GARY BAILEY

EMAIL: [gary.bailey@alaska.gov](mailto:gary.bailey@alaska.gov)

907-269-7344  
TELEPHONE NUMBER

907-269-7345  
FAX NUMBER

\_\_\_\_\_  
COMPANY SUBMITTING BID

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
DATE

\*DOES YOUR BUSINESS QUALIFY FOR THE;  
**ALASKA BIDDER PREFERENCE?**  
[ ] YES [ ] NO

\*DOES YOUR BUSINESS QUALIFY FOR THE;  
**ALASKA VETERAN PREFERENCE?**  
[ ] YES [ ] NO

*\*SEE ITB FOR EXPLANATION OF CRITERIA TO QUALIFY FOR PREFERENCES.*

\_\_\_\_\_  
E-MAIL ADDRESS

\_\_\_\_\_  
ALASKA BUSINESS LICENSE NUMBER

\_\_\_\_\_  
FEDERAL TAX ID NUMBER

\_\_\_\_\_  
TELEPHONE NUMBER

## STANDARD TERMS AND CONDITIONS

### INSTRUCTIONS TO BIDDERS:

**1. INVITATION TO BID (ITB) REVIEW:** Bidders shall carefully review this ITB for defects and questionable or objectionable material. Bidders' comments concerning defects and questionable or objectionable material in the ITB must be made in writing and received by the purchasing authority at least ten (10) days before the bid opening date. This will allow time for an amendment to be issued if one is required. It will also help prevent the opening of a defective bid, upon which award cannot be made, and the resultant exposure of bidders' prices. Bidders' original comments should be sent to the purchasing authority listed on the front of this ITB.

**2. BID FORMS:** Bidders shall use this and attached forms in submitting bids. A photocopied bid may be submitted.

**3. SUBMITTING BIDS:** Envelopes containing bids must be sealed, marked, and addressed as shown in the example below. Do not put the ITB number and opening date on the envelope of a request for bid information. Envelopes with ITB numbers annotated on the outside will not be opened until the scheduled date and time.

Bidder's Return Address

Department of Corrections  
Administrative Services - Procurement  
550 W 7<sup>th</sup> Ave., Suite 1800  
Anchorage, AK 99501

ITB No: 180000062

Opening Date: May 16, 2018 @ 2 PM

**ELECTRONIC BID SUBMISSION:** Bids may be emailed to \_\_\_\_\_@alaska.gov, no later than the date and time listed on page one of this ITB as the deadline for receipt of bids, and must contain the ITB number in the subject line of the email. Emailed bids must be submitted as an attachment in PDF format. Please note that the maximum size of a single email (including all text and attachments) that can be received by the state is **20mb (megabytes)**. If the email containing the bid exceeds this size, the bid must be sent in multiple emails that are each less than 20 megabytes and each email must comply with the requirements described above. The state is not responsible for unreadable, corrupt, or missing attachments. It is the bidder's responsibility to contact the issuing office at (907) \_\_\_\_\_ to confirm that the bid has been received. Failure to follow the above instructions may result in the bid being found non-responsive and rejected.

**FAX BID SUBMISSION:** Bids may be faxed to (907) \_\_\_\_\_, no later than the date and time listed on page one of this ITB as the deadline for receipt of bids. It is the bidder's responsibility to contact the issuing office at (907) \_\_\_\_\_ to make arrangements prior to faxing the bid and to confirm that the bid has been received. Failure to follow the above instructions may result in the bid being found non-responsive and rejected.

**4. PRICES:** The bidder shall state prices in the units of issue on this ITB. Prices quoted for commodities must be in U.S. funds and include applicable federal duty, brokerage fees, packaging, and transportation cost to the FOB point so that upon transfer of title the commodity can be utilized without further cost. Prices quoted for services must be quoted in U.S. funds and include applicable federal duty, brokerage fee, packaging, and transportation cost so that the services can be provided without further cost. Prices quoted in bids must be exclusive of federal, state, and local taxes. If the bidder believes that certain taxes are payable by the State, the bidder may list such taxes separately, directly below the bid price for the affected item. The State is exempt from Federal Excise Tax except the following:

- Coal - Internal Revenue Code of 1986 (IRC), Section 4121 - on the purchase of coal;
- "Gas Guzzler" - IRC, Section 4064 - on the purchase of low m.p.g. automobiles, except that police and other emergency type vehicles are not subject to the tax;
- Air Cargo - IRC, Section 4271 - on the purchase of property transportation services by air;
- Air Passenger - IRC, Section 4261 - on the purchase of passenger transportation services by air carriers.
- Leaking Underground Storage Tank Trust Fund Tax (LUST) - IRC, Section 4081 - on the purchase of Aviation gasoline, Diesel Fuel, Gasoline, and Kerosene.

**5. VENDOR TAX ID NUMBER:** If goods or services procured through this ITB are of a type that is required to be included on a Miscellaneous Tax Statement, as described in the Internal Revenue Code, a valid tax identification number must be provided to the State of Alaska before payment will be made.

**6. FILING A PROTEST:** A bidder may protest the award of a contract or the proposed award of a contract for supplies, services, or professional services. The protest must be filed in writing and include the following information: (1) the name, address, and telephone number of the protester; (2) the signature of the protester or the protester's representative; (3) identification of the contracting agency and the solicitation or contract at issue; (4) a detailed statement of the legal and factual grounds of the protest, including copies of relevant documents; and (5) the form of relief requested. Protests will be treated in accordance with Alaska Statutes (AS) 36.30.560-36.30.610.

### CONDITIONS:

**1. AUTHORITY:** This ITB is written in accordance with AS 36.30 and 2 AAC 12.

**2. COMPLIANCE:** In the performance of a contract that results from this ITB, the contractor must comply with all applicable federal, state, and borough regulations, codes, and laws; be liable for all required insurance, licenses, permits and bonds; and pay all applicable federal, state, and borough taxes.

**3. SUITABLE MATERIALS, ETC.:** Unless otherwise specified, all materials, supplies or equipment offered by a bidder shall be new, unused, and of the latest edition, version, model or crop and of recent manufacture.

**4. SPECIFICATIONS:** Unless otherwise specified in the ITB, product brand names or model numbers specified in this ITB are examples of the type and quality of product required, and are not statements of preference. If the specifications describing an item conflict with a brand name or model number describing the item, the specifications govern. Reference to brand name or number does not preclude an offer of a comparable or better product, if full specifications and descriptive literature are provided for the product. Failure to provide such specifications and descriptive literature may be cause for rejection of the offer.

## STANDARD TERMS AND CONDITIONS

- 5. FIRM OFFER:** For the purpose of award, offers made in accordance with this ITB must be good and firm for a period of ninety (90) days from the date of bid opening.
- 6. EXTENSION OF PRICES:** In case of error in the extension of prices in the bid, the unit prices will govern; in a lot bid, the lot prices will govern.
- 7. BID PREPARATION COSTS:** The State is not liable for any costs incurred by the bidder in bid preparation.
- 8. CONSOLIDATION OF AWARDS:** Due to high administrative costs associated with processing of purchase orders, a single low bid of \$50 or less may, at the discretion of the State, be awarded to the next low bidder receiving other awards for consolidation purposes. This paragraph is not subject to the protest terms enumerated in "INSTRUCTION TO BIDDERS", "FILING A PROTEST" above.
- 9. CONTRACT FUNDING:** Bidders are advised that funds are available for the initial purchase and/or the first term of the contract. Payment and performance obligations for succeeding purchases and/or additional terms of the contract are subject to the availability and appropriation of funds.
- 10. CONFLICT OF INTEREST:** An officer or employee of the State of Alaska may not seek to acquire, be a party to, or possess a financial interest in, this contract if (1) the officer or employee is an employee of the administrative unit that supervises the award of this contract; or (2) the officer or employee has the power to take or withhold official action so as to affect the award or execution of the contract.
- 11. ASSIGNMENT(S):** Assignment of rights, duties, or payments under a contract resulting from this ITB is not permitted unless authorized in writing by the procurement officer of the contracting agency. Bids that are conditioned upon the State's approval of an assignment will be rejected as nonresponsive.
- 12. SUBCONTRACTOR(S):** Within five (5) working days of notice from the state, the apparent low bidder must submit a list of the subcontractors that will be used in the performance of the contract. The list must include the name of each subcontractor and the location of the place of business for each subcontractor and evidence of each subcontractor's valid Alaska business license.
- 13. FORCE MAJEURE (Impossibility to perform):** The parties to a contract resulting from this ITB are not liable for the consequences of any failure to perform, or default in performing, any of its obligations under the contract, if that failure or default is caused by any unforeseeable Force Majeure, beyond the control of, and without the fault or negligence of, the respective party. For the purposes of this ITB, Force Majeure will mean war (whether declared or not); revolution; invasion; insurrection; riot; civil commotion; sabotage; military or usurped power; lightning; explosion; fire; storm; drought; flood; earthquake; epidemic; quarantine; strikes; acts or restraints of governmental authorities affecting the project or directly or indirectly prohibiting or restricting the furnishing or use of materials or labor required; inability to secure materials, machinery, equipment or labor because of priority, allocation or other regulations of any governmental authorities.
- 14. LATE BIDS:** Late bids are bids received after the time and date set for receipt of the bids. Late bids will not be accepted.
- 15. CONTRACT EXTENSION:** Unless otherwise provided in this ITB, the State and the successful bidder/contractor agree: (1) that any holding over of the contract excluding any exercised renewal options, will be considered as a month-to-month extension, and all other terms and conditions shall remain in full force and effect and (2) to provide written notice to the other party of the intent to cancel such month-to-month extension at least thirty (30) days before the desired date of cancellation.
- 16. DEFAULT:** In case of default by the contractor, for any reason whatsoever, the State of Alaska may procure the goods or services from another source and hold the contractor responsible for any resulting excess cost and may seek other remedies under law or equity.
- 17. DISPUTES:** If a contractor has a claim arising in connection with a contract resulting from this ITB that it cannot resolve with the State by mutual agreement, it shall pursue a claim, if at all, in accordance with the provisions of AS 36.30.620 – 632.
- 18. CONSUMER ELECTRICAL PRODUCT:** AS 45.45.910 requires that "...a person may not sell, offer to sell, or otherwise transfer in the course of the person's business a consumer electrical product that is manufactured after August 14, 1990, unless the product is clearly marked as being listed by an approved third party certification program." Electrical consumer products manufactured before August 14, 1990, must either be clearly marked as being third party certified or be marked with a warning label that complies with AS 45.45.910(e). Even exempted electrical products must be marked with the warning label. By signature on this bid the bidder certifies that the product offered is in compliance with the law. A list of approved third party certifiers, warning labels and additional information is available from: Department of Labor and Workforce Development, Labor Standards & Safety Division, Mechanical Inspection Section, P.O. Box 107020, Anchorage, Alaska 99510-7020, (907)269-4925.
- 19. SEVERABILITY:** If any provision of the contract is declared by a court to be illegal or in conflict with any law, the validity of the remaining terms and provisions will not be affected; and, the rights and obligations of the parties will be construed and enforced as if the contract did not contain the particular provision held to be invalid.
- 20. GOVERNING LAW; FORUM SELECTION:** A contract resulting from this ITB is governed by the laws of the State of Alaska. To the extent not otherwise governed by section 17 of these Standard Terms and Conditions, any claim concerning the contract shall be brought only in the Superior Court of the State of Alaska and not elsewhere.

### SPECIAL CONDITIONS:

- 1. ORDER DOCUMENTS:** Except as specifically allowed under this ITB, an ordering agency will not sign any vendor contract. The State is not bound by a vendor contract signed by a person who is not specifically authorized to sign for the State under this ITB. The State of Alaska Purchase Order, Contract Award and Delivery Order are the only order documents that may be used to place orders against the contract(s) resulting from this ITB.
- 2. BILLING INSTRUCTIONS:** Invoices must be billed to the ordering agency's address shown on the individual Purchase Order, Contract Award or Delivery Order, not to the Division of General Services. The ordering agency will make payment after it receives the merchandise or service and the invoice. Questions concerning payment must be addressed to the ordering agency.
- 3. CONTINUING OBLIGATION OF CONTRACTOR:** Notwithstanding the expiration date of a contract resulting from this ITB, the contractor is obligated to fulfill its responsibilities until warranty, guarantee, maintenance and parts availability requirements have completely expired.

## STANDARD TERMS AND CONDITIONS

### PREFERENCES:

**1. ALASKA BIDDER PREFERENCE:** Award will be made to the lowest responsive and responsible bidder after an Alaska bidder preference of five percent (5%) has been applied. The preference will be given to a person who: (1) holds a current Alaska business license at the time designated in the invitation to bid for bid opening; (2) submits a bid for goods or services under the name on the Alaska business license; (3) has maintained a place of business within the state staffed by the bidder, or an employee of the bidder, for a period of six months immediately preceding the date of the bid; (4) is incorporated or qualified to do business under the laws of the state, is a sole proprietorship and the proprietor is a resident of the state, is a limited liability company organized under AS 10.50 and all members are residents of the state, or is a partnership under AS 32.06 or AS 32.11 and all partners are residents of the state; and, (5) if a joint venture, is composed entirely of ventures that qualify under (1) - (4) of this subsection. AS 36.30.170, AS 36.30.321(a) and AS 36.30.990(2)

**2. ALASKA VETERAN PREFERENCE:** If a bidder qualifies for the Alaska bidder preference under AS 36.30.321(a) and AS 36.30.990(2) and is a qualifying entity as defined in AS 36.30.321(f), they will be awarded an Alaska veteran preference of five percent (5%). The preference will be given to a (1) sole proprietorship owned by an Alaska veteran; (2) partnership under AS 32.06 or AS 32.11 if a majority of the partners are Alaska veterans; (3) limited liability company organized under AS 10.50 if a majority of the members are Alaska veterans; or (4) corporation that is wholly owned by individuals and a majority of the individuals are Alaska veterans, and may not exceed \$5,000. The bidder must also add value by actually performing, controlling, managing, and supervising the services provided, or for supplies, the bidder must have sold supplies of the general nature solicited to other state agencies, other governments, or the general public - AS 36.30.321(i).

**3. USE OF LOCAL FOREST PRODUCTS:** In a project financed by state money in which the use of timber, lumber and manufactured lumber is required, only timber, lumber and manufactured lumber products originating in this state from Alaska forests shall be used unless the use of those products has been determined to be impractical, in accordance with AS 36.15.010 and AS 36.30.322.

**4. LOCAL AGRICULTURAL AND FISHERIES PRODUCTS PREFERENCE:** When agricultural, dairy, timber, lumber, or fisheries products are purchased using state money, a seven percent (7%) preference shall be applied to the price of the products harvested in Alaska, or in the case of fisheries products, the products harvested or processed within the jurisdiction of Alaska, in accordance with AS 36.15.050.

**5. ALASKA PRODUCT PREFERENCE:** A bidder that designates the use of an Alaska Product which meets the requirements of the ITB specification and is designated as a Class I, Class II or Class III Alaska Product by the Department of Community & Economic Development shall receive a preference in the bid evaluation in accordance with AS 36.30.332 and 3 AAC 92.010.

**6. EMPLOYMENT PROGRAM PREFERENCE:** If a bidder qualifies for the Alaska bidder preference under AS 36.30.321(a) and AS 36.30.990(2), and is offering goods or services through an employment program as defined under 36.30.990(12), they will be awarded an Employment Program Preference of fifteen percent (15%) in accordance with AS 36.30.321(b).

**7. ALASKANS WITH DISABILITIES PREFERENCE:** If a bidder qualifies for the Alaska bidder preference under AS 36.30.321(a) and AS 36.30.990(2), and is a qualifying entity as defined in AS 36.30.321(d), they will be awarded an Alaskans with Disabilities Preference of ten percent (10%) in accordance with AS 36.30.321(d). A bidder may not receive both an Employment Program Preference and an Alaskans with Disabilities Preference.

**8. PREFERENCE QUALIFICATION LETTER:** Regarding preferences 6 and 7 above, the Division of Vocational Rehabilitation in the Department of Labor and Workforce Development maintains lists of Alaskan; [1] employment programs that qualify for preference, and [2] individuals who qualify for preference as Alaskan's with disabilities. In accordance with AS 36.30.321(i), in order to qualify for one of these preferences, a bidder must add value by actually performing, controlling, managing, and supervising the services provided, or for supplies, a bidder must have sold supplies of the general nature solicited to other state agencies, governments, or the general public.

As evidence of an individual's or a business' right to a certain preference, the Division of Vocational Rehabilitation will issue a certification letter. To take advantage of the preferences 6 or 7 above, an individual or business must be on the appropriate Division of Vocational Rehabilitation list at the time the bid is opened, and must attach a copy of their certification letter to their bid. The bidder's failure to provide this certification letter with their bid will cause the State to disallow the preference.

## **APPENDIX B<sup>1</sup>**

### **INDEMNITY AND INSURANCE**

#### **Article 1. Indemnification**

The Contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the Contractor under this agreement. The Contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the Contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "Contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the Contracting agency's selection, administration, monitoring, or controlling of the Contractor and in approving or accepting the Contractor's work.

#### **Article 2. Insurance**

Without limiting contractor's indemnification, it is agreed that contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the contracting officer prior to beginning work and must provide for a notice of cancellation, non-renewal, or material change of conditions in accordance with policy provisions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the contractor's services. All insurance policies shall comply with and be issued by insurers licensed to transact the business of insurance under AS 21.

**2.1 Workers' Compensation Insurance:** The Contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the State.

**2.2 Commercial General Liability Insurance:** covering all business premises and operations used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000. combined single limit per claim.

**2.3 Commercial Automobile Liability Insurance:** covering all vehicles used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000. combined single limit per claim.

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**ALASKA BUSINESS LICENSE AND OTHER REQUIRED LICENSES:** Prior to the award of a contract, a bidder must hold a valid Alaska business license. However, in order to receive the Alaska Bidder Preference and other related preferences, such as the Alaska Veteran and Alaskans with Disabilities Preference, a bidder must hold a valid Alaska business license at the time designated for bid opening. Bidders should contact the Department of Commerce, Community and Economic Development, Division of Corporations, Business, and Professional Licensing for information on these licenses.

Website: <https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing.aspx>

Phone: (907) 465-2550

Email: [license@alaska.gov](mailto:license@alaska.gov)

Acceptable evidence that the bidder possesses a valid Alaska business license may consist of any one of the following:

- (a) copy of an Alaska business license;
- (b) certification on the bid that the bidder has a valid Alaska business license and has included the license number in the bid (see front page);
- (c) a canceled check for the Alaska business license fee;
- (d) a copy of the Alaska business license application with a receipt stamp from the state's occupational licensing office; or
- (e) a sworn and notarized statement that the bidder has applied and paid for the Alaska business license.

You are not required to hold a valid Alaska business license at the time bids are opened if you possess one of the following licenses and are offering services or supplies under that specific line of business:

- fisheries business licenses issued by Alaska Department of Revenue or Alaska Department of Fish and Game,
- liquor licenses issued by Alaska Department of Revenue for alcohol sales only,
- insurance licenses issued by Alaska Department of Commerce, Community and Economic Development, Division of Insurance, or
- Mining licenses issued by Alaska Department of Revenue.

At the time designated for bid opening, all bidders must hold any other necessary applicable professional licenses required by Alaska Statute.

**ALASKA BIDDER PREFERENCE:** An Alaska Bidder Preference of five percent will be applied prior to evaluation. The preference will be given to a bidder who:

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- (1) holds a current Alaska business license at the time designated for bid opening;
- (2) submits a proposal for goods or services under the name appearing on the bidder's current Alaska business license;
- (3) has maintained a place of business within the state staffed by the bidder, or an employee of the bidder, for a period of six months immediately preceding the date of the bid;
- (4) is incorporated or qualified to do business under the laws of the state, is a sole proprietorship and the proprietor is a resident of the state, is a limited liability company (LLC) organized under AS 10.50 and all members are residents of the state, or is a partnership under AS 32.06 or AS 32.11 and all partners are residents of the state; and
- (5) if a joint venture, is composed entirely of ventures that qualify under (1)-(4) of this subsection.

**Alaska Bidder Preference Statement**

In order to receive the Alaska Bidder Preference, the bid must also include a statement certifying that the bidder is eligible to receive the Alaska Bidder Preference.

If the bidder is a LLC or partnership as identified in (4) of this subsection, the statement must also identify each member or partner and include a statement certifying that all members or partners are residents of the state.

If the bidder is a joint venture which includes a LLC or partnership as identified in (4) of this subsection, the statement must also identify each member or partner of each LLC or partnership that is included in the joint venture and include a statement certifying that all of those members or partners are residents of the state.

**BIDDERS WITH DISABILITIES:** The State of Alaska complies with Title II of the Americans with Disabilities Act of 1990. Individuals with disabilities who may need auxiliary aids, services, and/or special modifications to participate in this procurement should contact the Contracting Officer below at one of the following numbers no later than **May 4, 2018** to make any necessary arrangements.

Contact: Gary Bailey  
Telephone: (907) 269-7344  
Fax: (907) 269-7345  
TDD: (907) 269-7340

**COMPLIANCE WITH ADA:** By signature of their bid the bidder certifies that they comply with the Americans with Disabilities Act of 1990 and the regulations issued thereunder by the federal government.



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Services or activities furnished to the general public on behalf of the state must be fully accessible. This is intended to ensure that agencies are in accordance with 28 CFR Part 35 Section 35.130 and that services, programs or activities furnished to the public through a contract do not subject qualified individuals with a disability to discrimination based on the disability.

**PREFERENCE QUALIFICATION:** In order to qualify for an Alaska Veterans Preference, Employment Program Preference, or Alaskans with Disabilities Preference, a bidder must add value by actually performing, controlling, managing, and supervising the services provided, or a bidder must have sold supplies of the general nature solicited to other state agencies, governments, or the general public.

**CONTRACT PERFORMANCE LOCATION:** By signature on their bid, the bidder certifies that all services provided under this contract by the contractor and all subcontractors shall be performed in the United States.

If the bidder cannot certify that all work will be performed in the United States, the bidder must contact the contracting officer in writing to request a waiver at least 10 days prior to the deadline for receipt of bids.

The request must include a detailed description of the portion of work that will be performed outside the United States, where, by whom, and the reason the waiver is necessary.

Failure to comply with these requirements may cause the state to reject the bid as non-responsive, or cancel the contract.

**HUMAN TRAFFICKING:** By signature on their bid, the bidder certifies that the bidder is not established and headquartered or incorporated and headquartered in a country recognized as Tier 3 in the most recent United States Department of State's Trafficking in Persons Report.

The most recent United States Department of State's Trafficking in Persons Report can be found at the following website: <http://www.state.gov/g/tip/>

Failure to comply with this requirement will cause the state to reject the bid as non-responsive, or cancel the contract

**CONTRACT INTENT:** This Invitation to Bid (ITB) is intended to result in the services of a contractor (*agency or individual*) to perform annual fire alarm system testing and inspections for the Department of Corrections, at the Goose Creek Correctional Facility, in Wasilla, Alaska.

**NOTICE OF INTENT TO AWARD:** After the responses to this ITB have been opened and evaluated, a tabulation of the bids will be prepared. This tabulation, called a Notice of Intent to Award, serves two purposes. It lists the name of each company or person that offered a bid and the price they bid. It also provides notice of the state's intent to award a contract(s) to the bidder(s) indicated. A copy of the Notice of Intent will be mailed to each company or person who responded to the ITB. Bidders identified as the apparent low responsive bidders are

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instructed not to proceed until a Purchase Order, Contract Award, Lease, or some other form of written notice is given by the contracting officer. A company or person who proceeds prior to receiving a Purchase Order, Contract Award, Lease, or some other form of written notice from the contracting officer does so without a contract and at their own risk.

**PAYMENT FOR STATE PURCHASES:** Payment for agreements under \$500,000 for the undisputed purchase of goods or services provided to a state agency, will be made within 30 days of the receipt of a proper billing or the delivery of the goods or services to the location(s) specified in the agreement, whichever is later. A late payment is subject to 1.5% interest per month on the unpaid balance. Interest will not be paid if there is a dispute or if there is an agreement that establishes a lower interest rate or precludes the charging of interest.

**CONTRACT ADMINISTRATION:** The administration of this contract is the responsibility of Gary Bailey, contracting officer, Department of Corrections.

**INDEMNIFICATION:** The contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the contractor under this agreement. The contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "Contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the Contracting agency's selection, administration, monitoring, or controlling of the contractor and in approving or accepting the contractor's work.

**INSURANCE:** Without limiting contractor's indemnification, it is agreed that contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the contracting officer prior to beginning work and must provide for a notice of cancellation, non-renewal, or material change of conditions in accordance with policy provisions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.

**Proof of insurance is required for the following:**

Workers' Compensation Insurance: The contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable,

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any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the state.

Commercial General Liability Insurance: covering all business premises and operations used by the contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per occurrence.

Commercial Automobile Liability Insurance: covering all vehicles used by the contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per occurrence.

Failure to supply satisfactory proof of insurance within the time required will cause the state to declare the bidder non-responsible and to reject the bid.

**SUPPORTING INFORMATION:** The state strongly desires that bidders submit all required technical, specification, and other supporting information with their bid, so that a detailed analysis and determination can be made by the contracting officer that the product offered meets the ITB specifications and that other requirements of the ITB have been met. However, provided a bid meets the requirements for a definite, firm, unqualified, and unconditional offer, the state reserves the right to request supplemental information from the bidder, after the bids have been opened, to ensure that the products offered completely meet the ITB requirements. The requirement for such supplemental information will be at the reasonable discretion of the state and may include the requirement that a bidder will provide a sample product(s) so that the state can make a first-hand examination and determination.

A bidder's failure to provide this supplemental information or the product sample(s), within the time set by the state, will cause the state to consider the offer non-responsive and reject the bid.

**FIRM, UNQUALIFIED AND UNCONDITIONAL OFFER:** Bidders must provide enough information with their bid to constitute a definite, firm, unqualified and unconditional offer. To be responsive a bid must constitute a definite, firm, unqualified and unconditional offer to meet all of the material terms of the ITB. Material terms are those that could affect the price, quantity, quality, or delivery. Also included as material terms are those which are clearly identified in the ITB and which, for reasons of policy, must be complied with at risk of bid rejection for non-responsiveness.

**ALASKA PRODUCT PREFERENCE:** Bidders who offer products which have received certification by the Department of Commerce and Economic Development and that are listed in the current published edition of the "Alaska Products Preference List" will receive this preference. In order to qualify for the Alaska Product Preference, a bidder must provide the qualified product on a 100% basis. There are no provisions under Alaska Statutes or regulations that allow for product exchanges/substitutions, or permit the product to be co-mingled with other products. Rather, AS 36.30.330 provides for a penalty for failing to use the designated Alaska products.

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Products are classified in one of three categories:

- Class I products receive a three percent preference.
- Class II products receive a five percent preference.
- Class III products receive a seven percent preference.

Bidders must check the correct preference box beneath each line item. When the bids are evaluated, the preference percentage will be deducted from the bid price. If a bidder fails to check one of the product preference boxes, no preference will be given.

**CONTRACT PERIOD:** From date of award through approximately **June 30, 2022**.

**ALTERATIONS:** The contractor must obtain the written approval from the contracting officer prior to making any alterations to the specifications contained in this ITB or any resulting contract. The state will not pay for alterations that are not approved in advance and in writing by the contracting officer.

**SITE INSPECTION:** Bidders are highly encouraged to visit the work site so they can see the conditions under which the work described in this ITB will be performed. All bidders visiting the site will be required to fill out the attached security background clearance form and submit it to contracting officer. The site visit is scheduled for **May 8, 2018 at 10AM** all security clearance forms can be emailed to [gary.bailey@alaska.gov](mailto:gary.bailey@alaska.gov) . All clearances forms must be submitted no later than **May 4, Noon**. *(See attachments for form.)*

The site contact person is only empowered to allow bidders to view the work site. All questions the bidders have must be directed to the contracting officer named on the front page of this ITB and submitted in writing (email is allowed). The site contact person cannot and will not answer bidder questions regarding the work to be performed under this ITB or the terms, conditions and specifications of this ITB.

A submission of a bid by the bidder is considered a representation that the bidder has visited the site and has carefully examined the site and is satisfied as to the conditions to be encountered in performing the work and as to the requirements of the contract documents.

The bidder's failure to visit the work site will in no way relieve the bidder of the responsibility of performing the work in strict compliance with the true intent and meaning of the terms, conditions and specifications of this ITB.

**INVOICES:** Invoices must be sent directly to the ordering agency's address shown on the individual Purchase Order, Contract Award or Delivery Order. The ordering agency will only make payment after it receives the service and the invoice. Questions concerning payment must be addressed to the service agency.

**QUESTIONS DEADLINE:** The deadline to submit questions is: **May 11, 2018 @ 2PM**.

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**SERVICE SCOPE OF WORK:** Contractor will perform annual fire alarm system testing and inspection per the most current edition of the National Fire Protection Association NFPA 72 Fire Alarm & Signaling Code, and provide certification (Certificate of Occupancy) for the Goose Creek Correctional Center in Wasilla, Alaska. Bidders are required to ensure that all components of the fire alarm system are tested and inspected as per NFPA 72. All work must meet the NFPA 72 requirements for certificate of occupancy.

No maintenance or software upgrade services will be provided under this solicitation or any resulting contract. Any required maintenance and software upgrades will require a separate order document and be completed separately as needed and approved by DOC.

**NOTE:** GCCC maintenance staff will perform all routine preventive maintenance, such as visual inspections and cleaning of devices, etc.

**SCHEDULE OF SERVICE:** The service will be completed on or about September 1 of each year. Service is to be scheduled at least one week in advance with the facility maintenance superintendent or their designee. Services will be performed between 8 am to 5 pm, Monday – Friday, except on state holidays. (*See attachment for holidays.*)

**SERVICE TECHNICIAN QUALIFICATIONS:** Bidders must provide evidence that the person(s) performing the testing and inspections is competent and has sufficient training and a minimum of 2 years' experience to effectively perform the service identified in this ITB.

**SUPPORTING DOCUMENTATION:** All bidders will be required to submit the following documentation on each service technician who will be providing services with their bid:

1. "Division of Fire & Life Safety Alaska Fire System Permits" (*Current*), validating the technician can perform testing and inspections of fire alarm systems.

A bidder's failure to provide the above documentation with their bid will cause the state to consider the offer non-responsive and reject the bid.

**NOTE:** This documentation requirement will be required for all current and future technicians providing this service. All changes in staff providing services after initial submission and approvals shall be approved by the DOC prior to services being performed. All new employees will be required to submit a security clearance form along with any other required or requested documentation prior to any services being rendered.

**WORKMANSHIP & MATERIALS:** All work must be performed in a thorough and workmanlike manner and in accordance with current industry practices. The contractor will be held responsible for the quality of the service, maintenance and inspections. Service, maintenance and inspections that are improperly done will be done over, by the contractor, at the contractor's risk and expense.

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**SUBCONTRACTORS:** Subcontractors will be allowed if required but must be approved prior to award. Subcontractor technicians are required to meet all the requirements as outlined in this ITB. All subcontracting will be in written form (*subcontract agreement*) between the primary and subcontractor and a copy provided to the contract administrator upon their request.

The offeror must provide the following information concerning each prospective subcontractor within five working days from the date of the state requests it:

- (a) complete name of the subcontractor;
- (b) complete address of the subcontractor;
- (c) type of work the subcontractor will be performing;
- (d) percentage of work the subcontractor will be providing;
- (e) evidence that the subcontractor holds a valid Alaska business license and required certifications;
- (f) a written statement, signed by each proposed subcontractor that clearly verifies that the subcontractor is committed to render the services required by the contract.

An offeror's failure to provide this information, within the time set, may cause the state to consider their proposal non-responsive and reject it. The substitution of one subcontractor for another may be made only at the discretion and prior written approval of the project director.

**SECURITY:** Technician(s) must be able to pass a background security check. All bidders are reminded that this service is in an active prison and the owner will be operating the facility 24/7 during any services provided by the bidder. All tools, materials, and equipment are required to be removed after completion of work or services provided.

Contractors are to comply with all safety and security policies and procedures while in the facility. Contractor needs to be aware that prison lockdowns are rare but not uncommon and can occur at any time without notice. In the event the contractor is in the facility at time of lockdown the contractor may be asked to leave the facility temporarily or to reschedule. The state will not be responsible for this unforeseen event and the contractor will be required to return at a later scheduled date and time at their expense.

Cell phones and cameras are not permitted within the secured perimeters of the facility.

**METHOD OF AWARD:** Award will be made to the lowest responsive and responsible bidder.

## **DOC PROVIDED EQUIPMENT & PERSONNEL:**

- Man Lift
- Staff provided to locate appropriate devices, escort through secured areas, and assist as needed.

**REPORTS:** The service technician will be required to provide a report describing their inspection including any and all deficiencies found. The report will be provided to GCCC Attn: Bill Merchant, Maintenance Superintendent within 7 days of inspection and provide a certificate of occupancy.

Additionally the technician will provide an analysis report, indicating the status and recommendations for smoke detectors that either requires cleaning, replacement, or other suggestions.

**CONTRACT CANCELLATION:** The state reserves the right to cancel the contract in whole or part at its convenience upon 30 calendar day's written notice to the contractor. The state is liable only for payment in accordance with the payment provisions of this contract for services or supplies provided before the effective date of termination.

**NONDISCLOSURE AND CONFIDENTIALITY:** Contractor agrees that all confidential information shall be used only for purposes of providing the deliverables and performing the services specified herein and shall not disseminate or allow dissemination of confidential information except as provided for in this section. The contractor shall hold as confidential and will use reasonable care (including both facility physical security and electronic security) to prevent unauthorized access by, storage, disclosure, publication, dissemination to and/or use by third parties of, the confidential information. "Reasonable care" means compliance by the contractor with all applicable federal and state law, including the Social Security Act and HIPAA. The contractor must promptly notify the state in writing if it becomes aware of any storage, disclosure, loss, unauthorized access to or use of the confidential information.

Confidential information, as used herein, means any data, files, software, information or materials (whether prepared by the state or its agents or advisors) in oral, electronic, tangible or intangible form and however stored, compiled or memorialized that is classified confidential as defined by State of Alaska classification and categorization guidelines (i) provided by the state to the contractor or a contractor agent or otherwise made available to the contractor or a contractor agent in connection with this contract, or (ii) acquired, obtained or learned by the contractor or a contractor agent in the performance of this contract. Examples of confidential information include, but are not limited to: technology infrastructure, architecture, financial data, trade secrets, equipment specifications, user lists, passwords, research data, and technology data (infrastructure, architecture, operating systems, security tools, IP addresses, etc).

If confidential information is requested to be disclosed by the contractor pursuant to a request received by a third party and such disclosure of the confidential information is required under

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applicable state or federal law, regulation, governmental or regulatory authority, the contractor may disclose the confidential information after providing the state with written notice of the requested disclosure ( to the extent such notice to the state is permitted by applicable law) and giving the state opportunity to review the request. If the contractor receives no objection from the state, it may release the confidential information within 30 days. Notice of the requested disclosure of confidential information by the contractor must be provided to the state within a reasonable time after the contractor's receipt of notice of the requested disclosure and, upon request of the state, shall seek to obtain legal protection from the release of the confidential information.

The following information shall not be considered confidential information: information previously known to be public information when received from the other party; information freely available to the general public; information which now is or hereafter becomes publicly known by other than a breach of confidentiality hereof; or information which is disclosed by a party pursuant to subpoena or other legal process and which as a result becomes lawfully obtainable by the general public.

**CONTRACT PRICES:** Contract prices are to remain firm through the duration the contract term.

**PRICE DECREASES:** During the period of the contract all price decreases experienced by the contractor must be passed on to the state. A contractor's failure to strictly and faithfully adhere to this clause, within the time required, will be considered in breach of contract.

**NEW EQUIPMENT:** Equipment offered in response to this ITB must be new equipment. New equipment means equipment that is currently in production by the manufacturer and is still the latest model, edition or version generally offered. The equipment must be warranted as new by the manufacturer and may not have been used for any purpose, other than display (not demonstration), prior to its sale to the state. The state will not accept remanufactured, used, or reconditioned equipment. It is the contractor's responsibility to ensure that each piece of equipment delivered to the state complies with this requirement. A contractor's failure to comply with this requirement will cause the state to seek remedies under breach of contract.

**ACCESSORIES:** When accessories are supplied, they must be certified to be compatible with the rest of the equipment. Certification will be written evidence satisfactory to the state that the accessories are compatible. The bidder's failure to supply this evidence within the time required by the state will cause the state to consider the bid non-responsive and reject the bid.

**CONTINUING OBLIGATION OF CONTRACTOR:** Regardless of the terms and conditions of any third-party financing agreement, the contractor agrees that none of its responsibilities under this contract are transferable and that the contractor alone will continue to be solely responsible until the expiration date of the contract. Such responsibilities include, but are not limited to, the provision of equipment, training, warranty service, maintenance, parts and the provision of consumable supplies. By signature on the face page of this ITB the bidder



acknowledges this requirement and indicates unconditional acceptance of this continuing obligation clause.

## **SPECIFICATIONS**

The contractor will provide all labor, materials, and travel to inspect and test the installed fire alarm system located at the Goose Creek Correctional Center (GCCC), Wasilla, AK, as required to complete the work described in this ITB.

### **FIRE ALARM SYSTEM INSTALLED**

- EDWARDS EST3

### **FIRE ALARM SYSTEM TESTING & INSPECTION**

#### **1. Fire Alarm System Testing & Inspection**

The bidder will perform the required annual testing and inspection on the installed fire alarm system, using the most current edition NFPA 72 recommended test frequencies and methods. Bidders are required to ensure that all components of the fire alarm system required to be tested and inspected comply with NFPA 72. The bidder will provide the necessary documentation and services to maintain a Certificate of Occupancy. The test will be performed on all devices per NFPA 72 and manufacturer's specifications if applicable.

#### **2. Smoke Detector Sensitivity Testing**

Smoke detector sensitivity testing will be performed in accordance with the most current edition of NFPA 72 guidelines, using the manufacturer's recommended test methods and UL approved testing device. The contractor will provide an analysis report, along with recommendations for detectors that either requires cleaning, replacement, or repair.

### **LOCATIONS AT GCCC**

The following is a list of all the building at GCCC that are connected to the fire alarm system.

- Building OA – Outside Administration
- Building SV – Support & Visitation
- Building GH – General Housing
- Building VM – Vehicle Maintenance
- Building WH – Warehouse

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See **Exhibit “A”** (*attached*) for additional information on each building that includes the number and type of devices, annunciators, appliances, etc., for bidders review and reference. Bidders should not rely on exhibit “A” in providing a bid. It is the bidder’s responsibility to ensure the correct number of devices installed.

NOTE:

It is the contractor’s responsibility to annually ensure and identify the correct number of all devices within all buildings listed above.

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**BID SCHEDULE**

ITEM NO.	QTY.	UNIT	DESCRIPTION	COST PER YEAR	TERM YEARS
-------------	------	------	-------------	------------------	---------------

1. 1 YR Fire Alarm System Inspection \$ \_\_\_\_\_ X 4 years =  
& Testing Service

**TOTAL \$ \_\_\_\_\_**

**BIDS ARE DUE NO LATER THAN: May 16, 2018 @ 2PM.**

**NOTE:** Bids are to include all labor, materials, equipment, and travel to perform all required services necessary to complete testing and inspection of the fire alarm system as per NFPA 72. No other fees or charges will be allowed after bids are opened.

**BID PROVIDED BY:**

Business Name: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

\*\*\*\*\*

**FOR STATE USE ONLY. THIS INVITATION TO BID COVERS PR# 20-002-19**

# **ATTACHMENTS**

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**REQUEST FOR CLEARANCE**  
for  
Contractor/Contract Staff Background Checks

Date: \_\_\_\_\_

Applicant Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Purpose of this check: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Social Security # : \_\_\_\_\_

Alaska driver's license #: \_\_\_\_\_

Other states applicant has resided in and the dates: \_\_\_\_\_

Does applicant have any relatives or acquaintances presently incarcerated in Alaska or under the Dept. of Corrections supervision? \_\_\_\_\_ If yes, state the person's name/location: \_\_\_\_\_

Clearance requested by  
(Contractor): \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

The information that I have provided is true and accurate to the best of my knowledge. I authorize the Department of Corrections to perform a background investigation for any and all prior convictions or current warrants.

Signature of applicant: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

\* \* \* \* \*

APSIN/WANTS:	Clear: _____	Wants: _____	See Attached: _____
NCIC/WANTS:	Clear: _____	Wants: _____	See Attached: _____
Criminal History Check (Alaska)	No record found: _____	See Attached: _____	
Criminal History Check (other states)	No record found: _____	See Attached: _____	

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
Contract Oversight Officer/Superintendent,  
Division of Institutions

Request Granted: \_\_\_\_\_ Request Denied: \_\_\_\_\_  
Reason for denial: \_\_\_\_\_

DOC Staff Signature/Title: \_\_\_\_\_ Date: \_\_\_\_\_

## **State Holiday Schedule**

*Eleven (11) State Holidays*

New Year's Day

Martin Luther King Jr's Day

Presidents Day

Seward's Day – Last Monday of March

Memorial Day

Independence Day

Labor Day

Alaska Day – October 18

Veterans' Day

Thanksgiving Day

Christmas Day

## **CERTIFICATION OF ENTITLEMENT TO THE ALASKA BIDDER PREFERENCE**

1. I am the Offeror or a duly authorized agent of the Offeror and I certify that the Offeror is entitled to the Alaska Bidder Preference. I know and understand that the Alaska Bidder Preference provides for substantial benefits which could be favorable to the Offeror and which could affect the award of the Request for Proposals to the Offeror's benefit. I am aware that falsely claiming the Alaska Bidder Preference is a violation of the State of Alaska Procurement Code (AS 36.30) and may be cause for felony prosecution and conviction.

I offer the following evidence or statements in support of my Certification of Entitlement to the Alaska Bidder Preference. As of the closing date of the Request for Proposals, the Offeror holds a valid Alaska business license in one of the following forms:

- (a) a cancelled check for the business license fee;
  - (b) a copy of a business license application with a receipt date stamp from the State's business license office;
  - (c) a receipt from the State's business license office for the license fee;
  - (d) the Offeror's valid business license certificate;
  - (e) a sworn notarized affidavit that the Offeror has applied and paid for a business license.
2. The Offeror is submitting its offer under the name as it appears on the Offeror's current Alaska business license.
3. The Offeror has maintained a place of business within the State of Alaska staffed by the Offeror or an employee of the Offeror for a period of six (6) months immediately preceding the closing date of the Request for Proposals.
4. The Offeror is incorporated or qualified to do business under the laws of the State, is a sole proprietorship, and the proprietor is a resident of the State, or is a partnership, and all partners are residents of the State; and,

In order to be considered an Alaska Bidder and entitled to the Alaska Bidder Preference, a limited liability company (LLC) organized under AS 10.50.010-10.50.995 must meet the requirements of AS 36.30.170(b) and the manager of the LLC must be a resident of the State of Alaska.

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Signature of Offeror or Offeror's Authorized Agent

---

Date

---

Printed Name

# Exhibit A



**EXHIBIT "A"**  
(Consist of 20 pages)

FUNDAMENTALS OF FIRE ALARM SYSTEMS

FIRE ALARM SYSTEM RECORD OF COMPLETION			
Name of protected property: <u>GOOSE CREEK CORRECTIONAL FACILITY</u>		BUILDING WH	
Address: <u>22301 ALSOP ROAD WASILLA, ALASKA 99654</u>			
Representative of protected property (name / phone):		<u>ALASKA STATE DEPARTMENT OF CORRECTIONS</u>	
Authority having jurisdiction: <u>ALASKA STATE DIVISION OF FIRE AND LIFE SAFETY</u>			
Address/telephone number: <u>5700 E TUDOR ROAD ANCHORAGE, ALASKA 99507</u>		<u>907-451-5200</u>	
<i>Organization name/phone</i>		<i>Representative name/phone</i>	
Installer	<u>ENGINEERED CONTROL SYSTEMS 509-483-6215</u>	<u>TERRY MOREAU, CET LEVEL 4</u>	<u>509-483-6215</u>
Supplier	<u>SAME</u>		
Service organization	<u>SAME</u>		
Location of record (as-built) drawings:	<u>E.C.S. OFFICE / FACILITIES MAINT. OFFICE</u>		
Location of operation and maintenance manuals:	<u>E.C.S. OFFICE / FACILITIES MAINT. OFFICE</u>		
Location of test reports:	<u>E.C.S. OFFICE / DISTRICT MAINT. OFFICE</u>		
A contract for test and inspection in accordance with NFPA standard(s)			
Contract No(s):	<u>NONE ISSUED</u>	Effective date:	Expiration date:
System Software			
(a) Operating system (executive) software revision level(s):	<u>3.74 SDU</u>		
(b) Site-specific software revision date:	<u>08/16/11</u>		
(c) Revision completed by:	<u>MICHAEL LUNNEBORG</u>	<u>ENGINEERED CONTROL SYSTEMS</u>	
	<small>(name)</small>	<small>(firm)</small>	
<b>1. Type(s) of System or Service</b>			
<u>      </u> <i>NFPA 72, Chapter 6 -- Local</i>			
If alarm is transmitted to location(s) off premises, list where received: _____			
<u>      </u> <i>NFPA 72, Chapter 8 -- Remote Station</i>			
Telephone numbers of the organization receiving alarm: _____			
Alarm: _____			
Supervisory: _____			
Trouble: _____			
If alarms are retransmitted to public fire service communications centers or others, indicate location and telephone numbers of the Organization receiving alarm: _____			
Indicate how alarm is retransmitted: _____			
<u>  X  </u> <i>NFPA 72, Chapter 8 -- Proprietary</i>			
Telephone numbers of the organization receiving alarm: _____			
Alarm: <u>NONE SPECIFIED</u>			
Supervisory: <u>NONE SPECIFIED</u>			
Trouble: <u>NONE SPECIFIED</u>			
If alarms are retransmitted to public fire service communications centers or others, indicate location and telephone numbers of the Organization receiving alarm: _____			
Indicate how alarm is retransmitted: _____			
<u>      </u> <i>NPFA 72, Chapter 8 -- Central Station</i>			
Prime Contractor: _____			
Central Station Location: _____			

(NFPA 72, 1 of 4)

FIGURE 4.5.2.1 Record of Completion.

Means of transmission of signals from the protected premises to the central station:

☐ McCulloh      ☐ Multiplex      ☐ One-way radio  
☐ Digital alarm communicator      ☐ Two-way radio      ☐ Others

Means of transmission of alarms to the public fire service communications center:

(a) TELEPHONE

(b) \_\_\_\_\_

System location: \_\_\_\_\_

☐ NFPA 72, Chapter 9 – AuxiliaryIndicate type of connection: ☐ Local energy ☐ Shunt ☐ Parallel telephone

Location of telephone number for receipt of signals: \_\_\_\_\_

**2. Record of System Installation**

(Fill out after installation is complete and wiring is checked for opens, shorts, ground faults, and improper branching, but prior to conducting operational acceptance tests.)

This system has been installed in accordance with the NFPA standards as shown below, was inspected by

MICHAEL LUNNEBORG on 08/17/11, includes the devices shown in 5 and 6, and has been in service since 08/17/11.

☒ NFPA 72, Chapters ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 (circle all that apply)

☒ NFPA 72, National Electrical code, Article 760☒ Manufacturer's instructions

Other (specify): \_\_\_\_\_

Signed: \_\_\_\_\_

Date: 08/23/11Organization: ENGINEERED CONTROL SYSTEMS**3. Record of System Operation**Documentation in accordance with Inspection Testing Form, Figure 10.6.2.3, is attached YESAll operational features and functions of this system were tested by MICHAEL LUNNEBORG date 08/23/11

and found to be operating properly in accordance with the requirements of:

☒ NFPA 72, Chapters ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 (circle all that apply)

☐ NFPA 70, National Electrical Code, Article 760☒ Manufacturer's instructions

Other (specify): \_\_\_\_\_

Signed: \_\_\_\_\_

08/23/11

Organization: ENGINEERED CONTROL SYSTEMS**4. Signaling Line Circuits**

Quantity and class of signaling line circuits connected to system (see NFPA 72, Table 6.6.1)

Quantity: 1 Style: 4 Class: B

(NFPA 72, 2 of 4)

FIGURE 4.5.2.1 Continued

**5. Alarm-Initiating Devices and Circuits**

Quantity and class of initiating device circuits (see NFPA 72, Table 6.5):

Quantity: 0 Style: \_\_\_\_\_ Class: \_\_\_\_\_**MANUAL**

- (a) Manual stations Noncoded X Transmitters \_\_\_\_\_ Coded \_\_\_\_\_ Addressable 10
- (b) Combination manual fire alarm and guard's tour coded stations \_\_\_\_\_

**AUTOMATIC**

Coverage: Complete \_\_\_\_\_ Partial X

Selective \_\_\_\_\_ Nonrequired \_\_\_\_\_

- (a) Smoke detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 35 Addressable X
- (b) Duct detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 2 Addressable X
- (c) Heat detectors \_\_\_\_\_ FT \_\_\_\_\_ RR \_\_\_\_\_ FT/R 1 RC \_\_\_\_\_ Addressable X
- (d) Sprinkler waterflow indicators: Transmitters \_\_\_\_\_ Noncode \_\_\_\_\_ Coded \_\_\_\_\_ Addressable X
- (e) The alarm verification disabled \_\_\_\_\_ or enabled X, changed from 0 Seconds to 32 Seconds.
- (f) Other (list): DUCT SMOKE DETECTORS ARE PROGRAMMED AS SUPERVISORY POINTS

**6. Supervisory Signal-Initiating Devices and Circuits (use blanks to indicate quantity of devices)****GUARD'S TOUR**

- (a) \_\_\_\_\_ Coded stations
- (b) \_\_\_\_\_ Noncoded stations
- (c) \_\_\_\_\_ Compulsory guard's tour system comprised of \_\_\_\_\_ Transmitter stations and intermediate stations

Note: Combination devices are recorded under 5(b), Manual, and 6(a), Guard's Tour.

**SPRINKLER SYSTEM**

Check if provided

- (a) X Valve supervisory switches
- (b) \_\_\_\_\_ Building temperature points
- (c) \_\_\_\_\_ Site water temperature points
- (d) \_\_\_\_\_ Site water supply level points

Electric fire pump:

- (e) \_\_\_\_\_ Fire pump power
- (f) \_\_\_\_\_ Fire pump running
- (g) \_\_\_\_\_ Phase reversal

Engine-driven fire pump:

- (h) \_\_\_\_\_ Selector in auto position
- (i) \_\_\_\_\_ Engine or control panel trouble
- (j) \_\_\_\_\_ Fire pump running

ENGINE-DRIVEN GENERATOR:

- (a) \_\_\_\_\_ Selector in auto position
- (b) \_\_\_\_\_ Control panel trouble
- (c) \_\_\_\_\_ Transfer switches
- (d) \_\_\_\_\_ Engine running

Other supervisory function(s) (specify): \_\_\_\_\_

(NFPA 72, 3 of 4)

FIGURE 4.5.2.1 *Continued*

**7. Annunciator(s)**

Number: 1 Type: L.C.D. Location: SUPERVISOR'S OFFICE

**8. Alarm Notification Appliances and Circuits**

NFPA 72, Chapter 6 – Emergency Voice/Alarm Service

Quantity of voice/alarm channels: \_\_\_\_\_ Single: \_\_\_\_\_ Multiple: \_\_\_\_\_

Quantity of speakers installed: \_\_\_\_\_ Quantity of speaker zones: \_\_\_\_\_

Quantity of telephones or telephone jacks included in systems: \_\_\_\_\_

Quantity and the class of notification appliance circuits connected to system (see NFPA 72, Table 6.7):

Quantity: 4 Style: Y Class: B

Types and quantities of notification appliances installed:

(a) Bells 1 With Visible \_\_\_\_\_

(b) Speakers \_\_\_\_\_ With Visible \_\_\_\_\_

(c) Horns 19 With Visible 19

(d) Chimes \_\_\_\_\_ With Visible \_\_\_\_\_

(e) Other: \_\_\_\_\_ With Visible \_\_\_\_\_

(f) Visible appliances without audible: 4

**9. System Power Supplies**

(a) Fire Alarm Control Panel: Normal voltage: 120 VAC Current rating: 3.0

Overcurrent protection: Type: CIRCUIT BREAKER Current rating: 20

Location: ELECTRICAL ROOM WH113

(b) Secondary (standby):

Storage battery: X Amp-hour rating: 26 AMP HOUR

Calculated capacity to drive system, in hours: 24 HOURS

Engine-driven generator dedicated to fire alarm system: \_\_\_\_\_

Location of fuel: \_\_\_\_\_

(c) Emergency system used as backup to primary power supply: BATTERY, UPS, GENERATOR

Emergency system described in NFPA 70, Article 700: \_\_\_\_\_

**10. Comments**

Frequency of routine tests and inspections, if other than in accordance with the referenced NFPA standard(s):

ANNUAL

System deviations from the referenced NFPA standard(s) are: NONE

MICHAEL LUNNEBORG / ENGINEERED CONTROL SYSTEMS / ALASKA FIRE SYSTEMS PERMIT # 10-065 08/23/11

(signed) for installation contractor/supplier (title) (date)

(signed) for alarm service company (title) (date)

(signed) for central station (title) (date)

Upon completion of the system(s) satisfactory test(s) witnessed (if required by the authority having jurisdiction):

FIRE MARSHALL / CODE OFFICIAL STATE OF ALASKA

(signed) representative of the authority having jurisdiction (title) (date)

(NFPA 72, 4 of 4)

FIGURE 4.5.2.1 Continued

\_\_\_\_\_ (name) \_\_\_\_\_ (firm)

Central Station Location:

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Means of transmission of signals from the protected premises to the central station:

_____ McCulloh	_____ Multiplex	_____ One-way radio
_____ Digital alarm communicator	_____ Two-way radio	_____ Others

Means of transmission of alarms to the public fire service communications center:

(a) TELEPHONE

(b)

System location:

NFPA 72, Chapter 9 – Auxiliary

Indicate type of connection:          Local energy          Shunt          Parallel telephone

Location of telephone number for receipt of signals:

## 2. Record of System Installation

(Fill out after installation is complete and wiring is checked for opens, shorts, ground faults, and improper branching, but prior to conducting operational acceptance tests.)

This system has been installed in accordance with the NFPA standards as shown below, was inspected by

MICHAEL LUNNEBORG on 08/17/11, includes the devices shown in 5 and 6, and has been in service since 08/17/11

X *NFPA 72* Chapters [1 2 3 4 5 6 7 8] 9 [10] 11 (circle all that apply)

X NFPA 72, National Electrical code, Article 760

X Manufacturer's instructions

Other (specify):

Signed:

Date: 08/23/11

Organization: ENGINEERED CONTROL SYSTEMS

### 3. Record of System Operation

Documentation in accordance with Inspection Testing Form, Figure 10.6.2.3, is attached YES

All operational features and functions of this system were tested by MICHAEL LUNNEBORG date 08/23/11

and found to be operating properly in accordance with the requirements of:

X NFPA 72, Chapters | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 (circle all that apply)

NFPA 70, *National Electrical Code*, Article 760

X Manufacturer's instructions

Other (specify):

Signed:

08/23/11

Organization: ENGINEERED CONTROL SYSTEMS

#### 4. Signaling Line Circuits

Quantity and class of signaling line circuits connected to system (see NFPA 72, Table 6.6.1)

Quantity: 1                      Style: 4                      Class: B

(NFPA 72. 2 of 4)

FIGURE 4.5.2.1 Continued

**5. Alarm-Initiating Devices and Circuits**

Quantity and class of initiating device circuits (see NFPA 72, Table 6.5):

Quantity: 0 Style: \_\_\_\_\_ Class: \_\_\_\_\_**MANUAL**

- (a) Manual stations Noncoded X Transmitters \_\_\_\_\_ Coded \_\_\_\_\_ Addressable 10
- (b) Combination manual fire alarm and guard's tour coded stations \_\_\_\_\_

**AUTOMATIC**

Coverage: Complete \_\_\_\_\_ Partial X

Selective \_\_\_\_\_ Nonrequired \_\_\_\_\_

- (a) Smoke detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 10 Addressable X
- (b) Duct detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 3 Addressable X
- (c) Heat detectors \_\_\_\_\_ FT \_\_\_\_\_ RR \_\_\_\_\_ FT/R 1 RC 14 Addressable 3
- (d) Sprinkler waterflow indicators: Transmitters \_\_\_\_\_ Noncode \_\_\_\_\_ Coded \_\_\_\_\_ Addressable X
- (e) The alarm verification disabled \_\_\_\_\_ or enabled X, changed from 0 Seconds to 32 Seconds.
- (f) Other (list): DUCT SMOKE DETECTORS ARE PROGRAMMED AS SUPERVISORY POINTS

**6. Supervisory Signal-Initiating Devices and Circuits (use blanks to indicate quantity of devices)****GUARD'S TOUR**

- (a) \_\_\_\_\_ Coded stations
- (b) \_\_\_\_\_ Noncoded stations
- (c) \_\_\_\_\_ Compulsory guard's tour system comprised of \_\_\_\_\_ Transmitter stations and intermediate stations

Note: Combination devices are recorded under 5(b), Manual, and 6(a), Guard's Tour.

**SPRINKLER SYSTEM**

Check if provided

- (a) X Valve supervisory switches
- (b) \_\_\_\_\_ Building temperature points
- (c) \_\_\_\_\_ Site water temperature points
- (d) \_\_\_\_\_ Site water supply level points

Electric fire pump:

- (e) \_\_\_\_\_ Fire pump power
- (f) \_\_\_\_\_ Fire pump running
- (g) \_\_\_\_\_ Phase reversal

Engine-driven fire pump:

- (h) \_\_\_\_\_ Selector in auto position
- (i) \_\_\_\_\_ Engine or control panel trouble
- (j) \_\_\_\_\_ Fire pump running

ENGINE-DRIVEN GENERATOR:

- (a) \_\_\_\_\_ Selector in auto position
- (b) \_\_\_\_\_ Control panel trouble
- (c) \_\_\_\_\_ Transfer switches
- (d) \_\_\_\_\_ Engine running

Other supervisory function(s) (specify): \_\_\_\_\_

(NFPA 72, 3 of 4)

FIGURE 4.5.2.1 *Continued*

**7. Annunciator(s)**

Number: 1 Type: L.C.D. Location MECHANIC / ADMIN. OFFICE

**8. Alarm Notification Appliances and Circuits**

NFPA 72, Chapter 6 – Emergency Voice/Alarm Service

Quantity of voice/alarm channels: \_\_\_\_\_ Single: \_\_\_\_\_ Multiple: \_\_\_\_\_

Quantity of speakers installed: \_\_\_\_\_ Quantity of speaker zones: \_\_\_\_\_

Quantity of telephones or telephone jacks included in systems: \_\_\_\_\_

Quantity and the class of notification appliance circuits connected to system (see NFPA 72, Table 6.7):

Quantity: 4 Style: Y Class: B

Types and quantities of notification appliances installed:

(a) Bells	<u>1</u>	With Visible	_____
(b) Speakers	_____	With Visible	_____
(c) Horns	<u>26</u>	With Visible	<u>26</u>
(d) Chimes	_____	With Visible	_____
(e) Other:	_____	With Visible	_____
(f) Visible appliances without audible:	<u>0</u>		

**9. System Power Supplies**

(a) Fire Alarm Control Panel: Normal voltage: 120 VAC Current rating: 3.0  
 Overcurrent protection: Type: CIRCUIT BREAKER Current rating: 20  
 Location: ELECTRICAL ROOM VM109

(b) Secondary (standby):  
 Storage battery: X Amp-hour rating: 26 AMP HOUR  
 Calculated capacity to drive system, in hours: 24 HOURS  
 Engine-driven generator dedicated to fire alarm system: \_\_\_\_\_  
 Location of fuel: \_\_\_\_\_

(c) Emergency system used as backup to primary power supply: BATTERY, UPS, GENERATOR  
 Emergency system described in NFPA 70, Article 700: \_\_\_\_\_

**10. Comments**

Frequency of routine tests and inspections, if other than in accordance with the referenced NFPA standard(s):

ANNUAL

System deviations from the referenced NFPA standard(s) are: NONE

MICHAEL LUNNEBORG / ENGINEERED CONTROL SYSTEMS / ALASKA FIRE SYSTEMS PERMIT # 10-065 08/23/11

(signed) for installation contractor/supplier (title) (date)

(signed) for alarm service company (title) (date)

(signed) for central station (title) (date)

Upon completion of the system(s) satisfactory test(s) witnessed (if required by the authority having jurisdiction):

FIRE MARSHALL / CODE OFFICIAL STATE OF ALASKA

(signed) representative of the authority having jurisdiction (title) (date)

(NFPA 72, 4 of 4)

FIGURE 4.5.2.1 *Continued*





Means of transmission of signals from the protected premises to the central station:

☐ McCulloh ☐ Multiplex ☐ One-way radio  
☐ Digital alarm communicator ☐ Two-way radio ☐ Others

Means of transmission of alarms to the public fire service communications center:

(a) TELEPHONE

(b) \_\_\_\_\_

System location: \_\_\_\_\_

☐ NFPA 72, Chapter 9 – Auxiliary

Indicate type of connection: ☐ Local energy ☐ Shunt ☐ Parallel telephone

Location of telephone number for receipt of signals: \_\_\_\_\_

## 2. Record of System Installation

(Fill out after installation is complete and wiring is checked for opens, shorts, ground faults, and improper branching, but prior to conducting operational acceptance tests.)

This system has been installed in accordance with the NFPA standards as shown below, was inspected by

MICHAEL LUNNEBORG on 08/17/11, includes the devices shown in 5 and 6, and has been in service since 08/17/11.

☒ NFPA 72, Chapters ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 (circle all that apply)

☒ NFPA 72, National Electrical code, Article 760

☒ Manufacturer's instructions

☐ Other (specify): \_\_\_\_\_

Signed: \_\_\_\_\_

Date: 08/23/11

Organization: ENGINEERED CONTROL SYSTEMS

## 3. Record of System Operation

Documentation in accordance with Inspection Testing Form, Figure 10.6.2.3, is attached YES

All operational features and functions of this system were tested by MICHAEL LUNNEBORG date 08/23/11

and found to be operating properly in accordance with the requirements of:

☒ NFPA 72, Chapters ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 (circle all that apply)

☐ NFPA 70, National Electrical Code, Article 760

☒ Manufacturer's instructions

☐ Other (specify): \_\_\_\_\_

Signed: \_\_\_\_\_

08/23/11

Organization: ENGINEERED CONTROL SYSTEMS

## 4. Signaling Line Circuits

Quantity and class of signaling line circuits connected to system (see NFPA 72, Table 6.6.1)

Quantity: 10 Style: 4 Class: B

(NFPA 72, 2 of 4)

FIGURE 4.5.2.1 Continued

**5. Alarm-Initiating Devices and Circuits**

Quantity and class of initiating device circuits (see NFPA 72, Table 6.5):

Quantity: 0 Style: \_\_\_\_\_ Class: \_\_\_\_\_**MANUAL**

- (a) Manual stations Noncoded \_\_\_\_\_ Transmitters \_\_\_\_\_ Coded \_\_\_\_\_ Addressable 48
- (b) Combination manual fire alarm and guard's tour coded stations \_\_\_\_\_

**AUTOMATIC**

Coverage: Complete \_\_\_\_\_ Partial X

Selective \_\_\_\_\_ Nonrequired \_\_\_\_\_

- (a) Smoke detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 805 Addressable X
- (b) Duct detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 37 Addressable X
- (c) Heat detectors \_\_\_\_\_ FT \_\_\_\_\_ RR \_\_\_\_\_ FT/R 23 RC \_\_\_\_\_ Addressable X
- (d) Sprinkler waterflow indicators: Transmitters \_\_\_\_\_ Noncode 6 Coded \_\_\_\_\_ Addressable X
- (e) The alarm verification disabled \_\_\_\_\_ or enabled X changed from 0 Seconds to 32 Seconds.
- (f) Other (list): DUCT SMOKE DETECTORS ARE PROGRAMMED AS SUPERVISORY POINTS

**6. Supervisory Signal-Initiating Devices and Circuits (use blanks to indicate quantity of devices)****GUARD'S TOUR**

- (a) \_\_\_\_\_ Coded stations
- (b) \_\_\_\_\_ Noncoded stations
- (c) \_\_\_\_\_ Compulsory guard's tour system comprised of \_\_\_\_\_ Transmitter stations and intermediate stations

Note: Combination devices are recorded under 5(b), Manual, and 6(a), Guard's Tour.

**SPRINKLER SYSTEM**

Check if provided

- (a) X Valve supervisory switches
- (b) \_\_\_\_\_ Building temperature points
- (c) \_\_\_\_\_ Site water temperature points
- (d) \_\_\_\_\_ Site water supply level points

Electric fire pump:

- (e) \_\_\_\_\_ Fire pump power
- (f) \_\_\_\_\_ Fire pump running
- (g) \_\_\_\_\_ Phase reversal

Engine-driven fire pump:

- (h) \_\_\_\_\_ Selector in auto position
- (i) \_\_\_\_\_ Engine or control panel trouble
- (j) \_\_\_\_\_ Fire pump running

**ENGINE-DRIVEN GENERATOR:**

- (a) \_\_\_\_\_ Selector in auto position
- (b) \_\_\_\_\_ Control panel trouble
- (c) \_\_\_\_\_ Transfer switches
- (d) \_\_\_\_\_ Engine running

Other supervisory function(s) (specify): \_\_\_\_\_

(NFPA 72, 3 of 4)

FIGURE 4.5.2.1 Continued

**7. Annunciator(s)**

Number: 1 Type: L.C.D. Location REC ELECTRONICS ROOM

**8. Alarm Notification Appliances and Circuits**

NFPA 72, Chapter 6 – Emergency Voice/Alarm Service

Quantity of voice/alarm channels: \_\_\_\_\_ Single: \_\_\_\_\_ Multiple: \_\_\_\_\_

Quantity of speakers installed: \_\_\_\_\_ Quantity of speaker zones: \_\_\_\_\_

Quantity of telephones or telephone jacks included in systems: \_\_\_\_\_

Quantity and the class of notification appliance circuits connected to system (see NFPA 72, Table 6.7):

Quantity: 19 Style: Y Class: B

Types and quantities of notification appliances installed:

(a) Bells 6 With Visible \_\_\_\_\_

(b) Speakers \_\_\_\_\_ With Visible \_\_\_\_\_

(c) Horns 80 With Visible 80

(d) Chimes \_\_\_\_\_ With Visible \_\_\_\_\_

(e) Other: \_\_\_\_\_ With Visible \_\_\_\_\_

(f) Visible appliances without audible: 0

**9. System Power Supplies**

(a) Fire Alarm Control Panel: Normal voltage: 120 VAC Current rating: 3.0

Overcurrent protection: Type: CIRCUIT BREAKER Current rating: 20

Location: ELECTRICAL ROOM RA110

(b) Secondary (standby):

Storage battery: X Amp-hour rating: 55AMP HOUR, 12 AH 5 SETS

Calculated capacity to drive system, in hours: 24 HOURS

Engine-driven generator dedicated to fire alarm system: \_\_\_\_\_

Location of fuel \_\_\_\_\_

(c) Emergency system used as backup to primary power supply: BATTERY, UPS, GENERATOR

Emergency system described in NFPA 70, Article 700: \_\_\_\_\_

**10. Comments**

Frequency of routine tests and inspections, if other than in accordance with the referenced NFPA standard(s):

ANNUAL

System deviations from the referenced NFPA standard(s) are: NONE

MICHAEL LUNNEBORG / ENGINEERED CONTROL SYSTEMS / ALASKA FIRE SYSTEMS PERMIT # 10-065 08/23/11

(signed) for installation contractor/supplier (title) (date)

(signed) for alarm service company (title) (date)

(signed) for central station (title) (date)

Upon completion of the system(s) satisfactory test(s) witnessed (if required by the authority having jurisdiction):

FIRE MARSHALL / CODE OFFICIAL STATE OF ALASKA

(signed) representative of the authority having jurisdiction (title) (date)

(NFPA 72, 4 of 4)

FIGURE 4.3.2.1 Continued



Means of transmission of signals from the protected premises to the central station:

☐ McCulloh      ☐ Multiplex      ☐ One-way radio  
☐ Digital alarm communicator      ☐ Two-way radio      ☐ Others

Means of transmission of alarms to the public fire service communications center:

(a) TELEPHONE  
 (b) \_\_\_\_\_

System location: \_\_\_\_\_

NFPA 72, Chapter 9 – AuxiliaryIndicate type of connection: ☐ Local energy ☐ Shunt ☐ Parallel telephone

Location of telephone number for receipt of signals: \_\_\_\_\_

**2. Record of System Installation**

(Fill out after installation is complete and wiring is checked for opens, shorts, ground faults, and improper branching, but prior to conducting operational acceptance tests.)

This system has been installed in accordance with the NFPA standards as shown below, was inspected by

MICHAEL LUNNEBORG on 08/17/11, includes the devices shown in 5 and 6, and has been in service since 08/17/11.

☒ NFPA 72, Chapters ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 (circle all that apply)  
☒ NFPA 72, National Electrical code, Article 760  
☒ Manufacturer's instructions  
 Other (specify): \_\_\_\_\_

Signed: \_\_\_\_\_ Date: 08/23/11Organization: ENGINEERED CONTROL SYSTEMS**3. Record of System Operation**Documentation in accordance with Inspection Testing Form, Figure 10.6.2.3, is attached YES

All operational features and functions of this system were tested by MICHAEL LUNNEBORG date 08/23/11  
 and found to be operating properly in accordance with the requirements of:

☒ NFPA 72, Chapters ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 (circle all that apply)  
☐ NFPA 70, National Electrical Code, Article 760  
☒ Manufacturer's instructions  
 Other (specify): \_\_\_\_\_

Signed: \_\_\_\_\_ 08/23/11

Organization: ENGINEERED CONTROL SYSTEMS**4. Signaling Line Circuits**

Quantity and class of signaling line circuits connected to system (see NFPA 72, Table 6.6.1)

Quantity: 6 Style: 4 Class: B

(NFPA 72, 2 of 4)

FIGURE 4.5.2.1 Continued

**5. Alarm-Initiating Devices and Circuits**

Quantity and class of initiating device circuits (see NFPA 72, Table 6.5):

Quantity: 0 Style: \_\_\_\_\_ Class: \_\_\_\_\_**MANUAL**

- (a) Manual stations Noncoded \_\_\_\_\_ Transmitters \_\_\_\_\_ Coded \_\_\_\_\_ Addressable 54
- (b) Combination manual fire alarm and guard's tour coded stations \_\_\_\_\_

**AUTOMATIC**

Coverage: Complete \_\_\_\_\_ Partial X

Selective \_\_\_\_\_ Nonrequired \_\_\_\_\_

- (a) Smoke detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 246 Addressable X
- (b) Duct detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 27 Addressable X
- (c) Heat detectors \_\_\_\_\_ FT \_\_\_\_\_ RR \_\_\_\_\_ FT/R 48 RC \_\_\_\_\_ Addressable X
- (d) Sprinkler waterflow indicators: Transmitters \_\_\_\_\_ Noncode \_\_\_\_\_ Coded \_\_\_\_\_ Addressable X
- (e) The alarm verification disabled \_\_\_\_\_ or enabled X changed from 0 Seconds to 32 Seconds.
- (f) Other (list): DUCT SMOKE DETECTORS ARE PROGRAMMED AS SUPERVISORY POINTS

**6. Supervisory Signal-Initiating Devices and Circuits (use blanks to indicate quantity of devices)****GUARD'S TOUR**

- (a) \_\_\_\_\_ Coded stations
- (b) \_\_\_\_\_ Noncoded stations
- (c) \_\_\_\_\_ Compulsory guard's tour system comprised of \_\_\_\_\_ Transmitter stations and intermediate stations

Note: Combination devices are recorded under 5(b), Manual, and 6(a), Guard's Tour.

**SPRINKLER SYSTEM**

Check if provided

- (a) X Valve supervisory switches
- (b) \_\_\_\_\_ Building temperature points
- (c) \_\_\_\_\_ Site water temperature points
- (d) \_\_\_\_\_ Site water supply level points

Electric fire pump:

- (e) \_\_\_\_\_ Fire pump power
- (f) \_\_\_\_\_ Fire pump running
- (g) \_\_\_\_\_ Phase reversal

Engine-driven fire pump:

- (h) \_\_\_\_\_ Selector in auto position
- (i) \_\_\_\_\_ Engine or control panel trouble
- (j) \_\_\_\_\_ Fire pump running

**ENGINE-DRIVEN GENERATOR:**

- (a) \_\_\_\_\_ Selector in auto position
- (b) \_\_\_\_\_ Control panel trouble
- (c) \_\_\_\_\_ Transfer switches
- (d) \_\_\_\_\_ Engine running

Other supervisory function(s) (specify): \_\_\_\_\_

(NFPA 72, 3 of 4)

FIGURE 4.5.2.1 *Continued*

**7. Annunciator(s)**

Number: 2 Type: L.C.D. Location: SV PANEL / CENTRAL PLANT

**8. Alarm Notification Appliances and Circuits**

NFPA 72, Chapter 6 – Emergency Voice/Alarm Service

Quantity of voice/alarm channels: \_\_\_\_\_ Single: \_\_\_\_\_ Multiple: \_\_\_\_\_

Quantity of speakers installed: \_\_\_\_\_ Quantity of speaker zones: \_\_\_\_\_

Quantity of telephones or telephone jacks included in systems: \_\_\_\_\_

Quantity and the class of notification appliance circuits connected to system (see NFPA 72, Table 6.7):

Quantity: 24 Style: Y Class: B

Types and quantities of notification appliances installed:

(a) Bells 2 With Visible \_\_\_\_\_

(b) Speakers \_\_\_\_\_ With Visible \_\_\_\_\_

(c) Horns 158 With Visible 158

(d) Chimes \_\_\_\_\_ With Visible \_\_\_\_\_

(e) Other: \_\_\_\_\_ With Visible \_\_\_\_\_

(f) Visible appliances without audible: 40

**9. System Power Supplies**

(a) Fire Alarm Control Panel: Normal voltage: 120 VAC Current rating: 3.0

Overcurrent protection: Type: CIRCUIT BREAKER Current rating: 20

Location: ELECTRICAL ROOM SM207

(b) Secondary (standby):

Storage battery: X Amp-hour rating: 55AMP HOUR 2 SETS

Calculated capacity to drive system, in hours: 24 HOURS

Engine-driven generator dedicated to fire alarm system: \_\_\_\_\_

Location of fuel: \_\_\_\_\_

(c) Emergency system used as backup to primary power supply: BATTERY, UPS, GENERATOR

Emergency system described in NFPA 70, Article 700: \_\_\_\_\_

**10. Comments**

Frequency of routine tests and inspections, if other than in accordance with the referenced NFPA standard(s):

ANNUAL

System deviations from the referenced NFPA standard(s) are: NONE

MICHAEL LUNNEBORG / ENGINEERED CONTROL SYSTEMS / ALASKA FIRE SYSTEMS PERMIT # 10-065 08/23/11

(signed) for installation contractor/supplier (title) (date)

(signed) for alarm service company (title) (date)

(signed) for central station (title) (date)

Upon completion of the system(s) satisfactory test(s) witnessed (if required by the authority having jurisdiction):

FIRE MARSHALL / CODE OFFICIAL STATE OF ALASKA

(signed) representative of the authority having jurisdiction (title) (date)

(NFPA 72, 4 of 4)

FIGURE 4.5.2.1 *Continued*



(NFPA 72, 1 of 4)

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**5. Alarm-Initiating Devices and Circuits**

Quantity and class of initiating device circuits (see NFPA 72, Table 6.5):

Quantity: 0 Style: \_\_\_\_\_ Class: \_\_\_\_\_**MANUAL**

- (a) Manual stations Noncoded X Transmitters \_\_\_\_\_ Coded \_\_\_\_\_ Addressable 10
- (b) Combination manual fire alarm and guard's tour coded stations \_\_\_\_\_

**AUTOMATIC**

Coverage: Complete \_\_\_\_\_ Partial X

Selective \_\_\_\_\_ Nonrequired \_\_\_\_\_

- (a) Smoke detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 27 Addressable X
- (b) Duct detectors \_\_\_\_\_ Ion \_\_\_\_\_ Photo 2 Addressable X
- (c) Heat detectors \_\_\_\_\_ FT \_\_\_\_\_ RR \_\_\_\_\_ FT/R \_\_\_\_\_ RC \_\_\_\_\_ Addressable X
- (d) Sprinkler waterflow indicators: Transmitters \_\_\_\_\_ Noncode 2 Coded \_\_\_\_\_ Addressable X
- (e) The alarm verification disabled \_\_\_\_\_ or enabled X, changed from 0 Seconds to 32 Seconds.
- (f) Other (list): DUCT SMOKE DETECTORS ARE PROGRAMMED AS SUPERVISORY POINTS

**6. Supervisory Signal-Initiating Devices and Circuits (use blanks to indicate quantity of devices)****GUARD'S TOUR**

- (a) \_\_\_\_\_ Coded stations
- (b) \_\_\_\_\_ Noncoded stations
- (c) \_\_\_\_\_ Compulsory guard's tour system comprised of \_\_\_\_\_ Transmitter stations and intermediate stations

Note: Combination devices are recorded under 5(b), Manual, and 6(a), Guard's Tour.

**SPRINKLER SYSTEM**

Check if provided

- (a) X Valve supervisory switches
- (b) \_\_\_\_\_ Building temperature points
- (c) \_\_\_\_\_ Site water temperature points
- (d) \_\_\_\_\_ Site water supply level points

**Electric fire pump:**

- (e) \_\_\_\_\_ Fire pump power
- (f) \_\_\_\_\_ Fire pump running
- (g) \_\_\_\_\_ Phase reversal

**Engine-driven fire pump:**

- (h) \_\_\_\_\_ Selector in auto position
- (i) \_\_\_\_\_ Engine or control panel trouble
- (j) \_\_\_\_\_ Fire pump running

**ENGINE-DRIVEN GENERATOR:**

- (a) \_\_\_\_\_ Selector in auto position
- (b) \_\_\_\_\_ Control panel trouble
- (c) \_\_\_\_\_ Transfer switches
- (d) \_\_\_\_\_ Engine running

Other supervisory function(s) (specify): \_\_\_\_\_

(NFPA 72, 3 of 4)

FIGURE 4.5.2.1 Continued

**7. Annunciator(s)**

Number: 2 Type: L.C.D. Location: FRONT ENTRY / MASTER CONTROL

**8. Alarm Notification Appliances and Circuits**

NFPA 72, Chapter 6 – Emergency Voice/Alarm Service

Quantity of voice/alarm channels: \_\_\_\_\_ Single: \_\_\_\_\_ Multiple: \_\_\_\_\_

Quantity of speakers installed: \_\_\_\_\_ Quantity of speaker zones: \_\_\_\_\_

Quantity of telephones or telephone jacks included in systems: \_\_\_\_\_

Quantity and the class of notification appliance circuits connected to system (see NFPA 72, Table 6.7):

Quantity: 7 Style: Y Class: B

Types and quantities of notification appliances installed:

- (a) Bells 1 With Visible \_\_\_\_\_  
 (b) Speakers \_\_\_\_\_ With Visible \_\_\_\_\_  
 (c) Horns 51 With Visible 51  
 (d) Chimes \_\_\_\_\_ With Visible \_\_\_\_\_  
 (e) Other: \_\_\_\_\_ With Visible \_\_\_\_\_  
 (f) Visible appliances without audible: 4

**9. System Power Supplies**

- (a) Fire Alarm Control Panel: Normal voltage: 120 VAC Current rating: 3.0  
 Overcurrent protection: Type: CIRCUIT BREAKER Current rating: 20  
 Location: ELECTRICAL ROOM OA226

- (b) Secondary (standby):  
 Storage battery: X Amp-hour rating: 50 AMP HOUR, 26 AMP HOUR  
 Calculated capacity to drive system, in hours: 24 HOURS  
 Engine-driven generator dedicated to fire alarm system: \_\_\_\_\_  
 Location of fuel: \_\_\_\_\_

- (c) Emergency system used as backup to primary power supply: BATTERY, UPS, GENERATOR  
 Emergency system described in NFPA 70, Article 700: \_\_\_\_\_

**10. Comments**

Frequency of routine tests and inspections, if other than in accordance with the referenced NFPA standard(s):

ANNUAL

System deviations from the referenced NFPA standard(s) are: NONE

MICHAEL LUNNEBORG / ENGINEERED CONTROL SYSTEMS / ALASKA FIRE SYSTEMS PERMIT # 10-065 08/23/11

(signed) for installation contractor/supplier (title) (date)

(signed) for alarm service company (title) (date)

(signed) for central station (title) (date)

Upon completion of the system(s) satisfactory test(s) witnessed (if required by the authority having jurisdiction):

FIRE MARSHALL / CODE OFFICIAL STATE OF ALASKA

(signed) representative of the authority having jurisdiction (title) (date)

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FIGURE 4.5.2.1 *Continued*