Issue ITB Date: February 3, 2017

Project Address: Palmer Courthouse

435 South Denali

Palmer, Alaska 99645

Submittal Address: Alaska Court System

Attn: Facilities Dept. - Brian Roberts

820 West 4th Avenue Anchorage, AK 99501 Fax: 907-264-8296

Email: broberts@akcourts.us

Response Due Date: February 24, 2017 @ 10:00 AM

Pre Bid Meeting and Site Inspection Date:

The pre bid meeting and site inspection for this project will be held February 10, 2017 at 12:00 PM. It is recommended but not mandatory. There will also be a second site inspection on February 17 at 12:00 PM. In both instances, meet in the public lobby of the Palmer Courthouse, 435 South Denali St., Palmer, AK. All questions, concerns, or clarifications regarding the project must be emailed to Brian Roberts at broberts@akcourts.us Please keep in mind that an oral response to a question at the site inspection is not binding on the ACS. After the site inspection the ACS will distribute to all prospective bidders an addendum listing the questions asked and the court system's official responses. The cut-off date for contractor questions is 4 calendar days before the bid Date.

Questions: Brian Roberts- Assistant Facilities Manager

Office: 264-8238 Cell: 444-7699 Email: broberts@akcourts.us

Please submit on the form below a total cost quote for the Work as specified. Receipt of your Bid must be no later than the "Response Due Date" noted above.

To be considered, the submitted Bid must include the following information, properly completed and executed. Bid documents must be submitted to the location listed above, either mailed, hand delivered, scanned and e-mailed, or faxed to the number/address provided. Specify project name and response due date and time on quote. Bids not including all of the items noted below may be rejected:

- A. The Bid Schedule and acknowledgment of any addenda that may be issued. (Bids may be submitted on photocopied forms.) Bid Schedule must be fully completed, including bid amounts for Basic Bid, any Alternate Bids listed, and other required information. **Bid Form sheets include Pages 8, 9, and 10 of this ITB only**
- B. Valid Alaska Business License Number or photocopy of application for same under AS.08.18.
- C. Bidder's Contractor Registration Number under AS.08.18.
- D. Bid Security. See Section 00100, Paragraph 10, and Section 00410 for form of bid bond. Bid security must accompany a bid if the total bid, including base bid and alternates, exceeds \$100,000.

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Index of Attachments to this ITB:

Specifications:

- Section 00100 Instruction to Bidders
- Section 00300 Bid Schedule
- Section 00410 Bid Bond
- Section 00510 Agreement Between Owner and Contractor
- Section 00700 General Conditions
- Section 01010 Summary of Work
- Section 01740.1 Certificate of Substantial Completion form
- Section 01740.2 Affidavit of Payment of Debts and Claims and Release of Liens Section
- Section 01740.3 Warranty of Work form
- Certificate of Compliance
- Background Check Form
- Technical Specifications
- Existing and New Door and Hardware Schedule

Drawings/Sketches/PDF's:

• Palmer Courthouse Door and Hardware. Floor Plan

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SECTION 00100 – INSTRUCTIONS TO BIDDERS

1. **DEFINITIONS:** Wherever in the Contract Documents the following terms, or pronouns in place of them, are used, the intent and meaning, unless a different intent or meaning is clearly indicated, shall be interpreted as set forth below. The titles and headings of the Sections, Subsections and Articles herein are intended for convenience of reference and shall not be considered as having bearing on their interpretation.

Bid is the response submitted by a Bidder.

Bidder is defined as the respondent to the ITB.

Contract Documents - The Contract form, Addenda, the bidding requirements and Contractor's Bid the bonds, the Conditions of the Contract and all other Contract requirements, the Specifications, and the Drawings Furnished by the Owner to the Contractor, together with all Change Orders and documents approved by the Contracting Officer for inclusion, modifications and supplements issued on or after the Effective Date of the Contract.

Day is a calendar day. Unless noted otherwise.

Owner is the Alaska Court System, sometimes referred to as the "court system" or "ACS".

Work - Work is the act of, and the result of, performing services, furnishing labor, furnishing and incorporating materials and equipment into the Project and performing other duties and obligations, all as required by the Contract Documents. Such Work, however incremental, will culminate in the entire completed Project, or the various separately identifiable parts thereof.

- 2. PROCUREMENT GUIDELINES: This procurement is issued under the ACS Procurement Guidelines, adopted by the administrative director of the ACS effective September 25, 2013. Copies of the Procurement Guidelines are available without charge from the Anchorage Court System, Procurement Office, 820 4th Ave, Anchorage, Alaska 99501, telephone 264-8226. In case of conflict between this document and the ACS Procurement Guidelines, the ACS Procurement Guidelines shall prevail.
- **3. AVAILABILITY OF CONTRACT DOCUMENTS:** Contract Documents are available in electronic format from Brian Roberts, Assistant Facilities Manager at broberts@akcourts.us or at 907-264-8238.
- **INFORMATION AVAILABLE TO BIDDERS:** The following information is available for hard copy review in Anchorage at the Alaska Court System Facilities Office, 820 W. 4th Ave. To schedule a review time in Anchorage, call Brian Roberts at 264-8238.
 - A. Palmer Courthouse Expansion As-builts and Division 8 documents dated 3/24/2000
 - B. Alaska State Courthouse, Palmer, Alaska. Record Drawings dated 6/10/87 and Division 8 documents.
 - C. Palmer Courthouse Expansion 2007 Record Drawings 3/2/07 and Division 8 documents.
- **5. AMENDMENT, EXTENSION, OR CANCELLATION:** The ACS may amend, extend, or cancel this ITB as provided in the Procurement Guidelines.
- 6. COMPLETENESS OF CONTRACT DOCUMENTS: The submission of a bid is a representation that the Bidder has examined the Contract Documents to make certain that all sheets and pages were provided, that the Bidder has examined the Property/Facility where the work will be performed, that the Bidder is knowledgeable as to the conditions to be encountered in performing the Work, and that the Bidder

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understands the work to be performed.

- 7. TIMELINESS OF BID: The cut-off date for contractor questions is 4 calendar days before the bid Date. It is the responsibility of the Bidder to ensure that the Bid and any Bid modifications are received by the Contracting Officer before the scheduled bid opening time. Late bids, including bids mis-delivered to other ACS divisions, shall not be accepted.
- 8. RESPONSIVENESS OF BIDS: Bids with minor informalities shall be considered responsive and accepted if the Contracting Officer determines that acceptance is in the best interest of the ACS. Minor informalities are matters of form rather than substance, or insignificant mistakes that can be waived or corrected without prejudice to other bidders; that is, the effect on price, quantity, quality, delivery, or contractual conditions is negligible. Unbalanced bids (bids that do not reasonably allocate prices among the various bid items) will be rejected as nonresponsive if the unbalance is detrimental to the ACS.
- **9. REJECTION OF BIDS:** The ACS may reject any and all bids. A bid shall be rejected if it does not conform in all material respects to the requirements of the ITB or is otherwise determined to be non-responsive.
- **10. DOCUMENTS REQUIRED FOR BID:** Bidders must submit the items described on the first page of this solicitation properly completed and executed no later than the Bid Response Due Date and Time. Bids not including all of the items listed on the first page of this solicitation may be rejected.

Bid Security. ACS requires a bid guaranty in the amount of 5% of the bid amount (including base bid and all alternate bids) if the bid amount exceeds \$100,000.

- A. Bids amounts that exceed \$100,000 shall be accompanied by bid security in the form of an acceptable bond issued by a surety company, certified check, cashier's check or money order made payable to the Alaska Court System (State of Alaska). The penal sum of the bond may be expressed as a dollar amount equal to 5% of the bid amount, or as "5% of the attached bid." The surety of a bid bond may be any corporation or partnership authorized to do business in Alaska as an insurer under AS 21.09. This bid security shall be held until a firm contract is executed. If the successful bidder fails to enter into a contract, this bid security shall be forfeited to the Alaska Court System. Award may be made to the next lowest responsive and responsible bidder. After final award of bid, all bid security shall be returned to the unsuccessful bidders. By submission of bid security and signature on the bid schedule, the successful bidder acknowledges and agrees to the conditions of this Invitation to Bid. See Section 00410 for form of bid bond.
- 11. RESPONSIBILITY REQUIREMENT: A bid shall be awarded only to a responsible Bidder, who has the capability in all respects to perform fully the contract requirements and has the integrity and reliability which shall assure good faith performance. A Bidder shall be declared non-responsible and the bid shall be rejected when:
 - A. The Bidder is in arrears on taxes due the State;
 - B. The Bidder has failed to perform satisfactorily on a previous contract with ACS, other state agency or an entity providing similar services to a court building or is not in a position to perform this contract.

See ACS Procurement Guidelines Section 2-212 for responsibility criteria. A determination by the Contracting Officer that a Bidder is not responsible may be protested.

12. BID OFFERS:

- A. Bids made in response to this ITB shall be good and firm for a period of 60 days from the date of bid opening.
- B. All offers and acceptance resulting from this ITB are limited to the terms and conditions contained in this document and its attachments.

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- **13. BID CONSIDERATION BY ACS:** As soon as practicable after the Response Due Date and time specified above, the Alaska Court System will review all bids and evaluate them for award.
- 14. BID AWARD: The bid award shall be made to the lowest responsible and responsive Bidder whose Bid conforms in all material respects to the requirements and criteria set out in this Invitation to Bid. The sum of the Total Basic Bid plus any Alternates Awarded governs for purpose of determining low Bidder. Award will be made subject to availability of funds. The Alaska Court System reserves the right to award some, none, or all of Base Bids and/or Alternates in any order in the best interest of the Alaska Court System. Bid amounts for alternates not awarded with this contract shall be held for 60 days from date of contract and may be awarded within that time as a fixed price change order.
 - A. Notice of Award will be issued to the lowest responsible and responsive Bidder generally within 2 working days after Bid Opening, and shall be transmitted to all bidders. Notice of Award shall also be made subject to availability of funds and its issuance may be delayed or canceled as determined by the Contracting Officer in accordance with ACS Procurement Guidelines.
 - B. Within 3 working days of Notice of Award the Contractor shall provide proof of insurance per General Conditions Section 00700.5.A of this ITB, and a list of subcontractors the Bidder proposes to use in the performance of the contract in compliance with this Section.
- 15. BID PROTESTS: Prior to the bid opening Bidders are requested to carefully review this entire invitation as soon as it is received for defects and questionable or objectionable content. Questions, objections or comments should be made in writing and received by the Assistant Facilities Manager no later than 3 days (Monday through Friday, excluding legal Holidays) before the Response Due Date and time, so that any necessary amendments may be published and distributed to bidders. Bidders' protests based upon any omissions, errors, or the content of the Invitation to Bid will be disallowed if not made in writing and received by the Assistant Facilities Manager at least two business days (Monday through Friday, excluding legal Holidays) prior to the Response Due Date and time.

A person desiring to protest the provisions of this ITB or the award must comply with the applicable provisions of ACS Procurement Guideline 4-401.

If a protest is sustained in whole or in part, the protestor's sole remedy is the successful protestor's documented reasonable bid or proposal preparation costs.

- 16. EEO AND FEDERAL CIVIL RIGHTS COMPLIANCE: By signature on the Bid Schedule the Bidder certifies compliance with the applicable portions of the Federal Civil Rights Act of 1964 and the Equal Employment Opportunity Act and the regulations issued thereunder by the State and Federal Governments. If any Bidder fails to comply with the Act or Regulations issued thereunder, the ACS reserves the right to terminate the contract.
- **17. TAXES:** All bids shall exclude federal, state and local sales taxes. However, if the Bidder believes that certain taxes are properly payable by the ACS; such taxes may be listed separately, directly below the Bid price for the affected item. The ACS is exempt from federal excise tax under Registration No. 92-6001185.
- 18. SUBCONTRACTORS: Within 3 working days after the issuance of the Notice of Award, the apparent low Bidder shall submit a list of subcontractors the Bidder proposes to use in the performance of the contract. The list must include the name, phone number, and location of the place of business for each subcontractor and evidence of the subcontractor's valid Alaska business license. Replacement of a subcontractor may not be made, except with prior approval of the Contracting Officer, for reasons specified in the ACS Procurement Guidelines.

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- 19. ACCEPTANCE OF CONTRACT, PERFORMANCE BOND, PAYMENT BOND, and PROOF OF INSURANCE: If the ACS delivers or mails written Notice of Award to the Bidder within sixty (60) days after the date set for the opening of this bid, or at any other time thereafter before it is withdrawn, the Bidder will accept, execute and deliver Section 00510 Agreement Between Owner and Contractor to the ACS in accordance with the bid, and will also furnish and deliver proof of insurance coverage in compliance with Section 00700 General Conditions, paragraph 5, all within 3 working days after personal delivery or after deposit in the mails of the notification of acceptance of this bid. If the amount of the contract to be awarded exceeds \$100,000 the Contractor will also furnish and deliver within five days of Notice of Award a Performance Bond and a Payment Bond, and, before Final Payment, submit a completed and authorized Consent of Surety Company to Final Payment form, a Contractors affidavit of Payments of Debts and Claims and release Liens and Claims against Payment Bond form. The aforementioned Bonds and forms must be substantially in forms provided by ACS.
- 20. ALASKA LITTLE DAVIS BACON ACT: Prospective Bidders are advised that construction or remodeling in connection with the contract is subject to AS 36.05.010. The Contractor must comply with the requirements noted within the most recent Department of Labor pamphlet entitled, "Laborer's and Mechanic's Minimum Rates of Pay," found at: http://www.labor.state.ak.us/lss/pamp600.htm The rate of wages shall be adjusted to the wage rate under AS 36.05.010.

21. DESCRIPTION OF PREFERENCES

- **A.** ALASKA PREFERENCE: A bid shall be awarded to an Alaska Bidder whose bid is not more than five percent (5%) higher than the lowest non-resident's bid in accordance with Alaska Statute 36.30.170(b)(1) (5). An Alaska Bidder is defined as one who:
 - 1). Holds a current Alaska business license (business license number must be shown in space provided on the Bid Schedule);
 - 2). Submits a bid for goods or services under the name appearing on the current Alaska business license;
 - 3). Has maintained a place of business in 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, or is a partnership and all partners are residents of the State; and
 - 5). If a joint venture is comprised entirely of ventures that qualify under (1-4 of this subsection).

NOTE: A Bidder may seek a preference under either B, below, or C, below, but not both. In addition a Bidder may seek a preference under D and E, below. A Bidder seeking the Alaskans with Disabilities Preference under B, below, must be an individual or business must be listed with the Division of Vocational Rehabilitation as qualified under Alaska Statute 36.30.170 at the time the bid is opened and provide ACS with a copy their Certification Letter. A Bidder seeking a preference under B, C, or D, below 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.

- **B.** ALASKANS WITH DISABILITIES PREFERENCE: A bid shall be awarded to an Alaska Bidder whose bid is not more than ten percent (10%) higher than the lowest bid, if the Bidder is a qualifying entity under AS 36.30.321(d)-(e).
- **C.** <u>EMPLOYMENT PROGRAM PREFERENCE</u>: A bid shall be awarded to an Alaska Bidder whose bid is not more then fifteen (15%) higher than the lowest bid, if the Bidder is offering services through an employment program in accordance with Alaska Statute 36.30.321(b).
- **D.** <u>EMPLOYERS OF PEOPLE WITH DISABILITIES PREFERENCE:</u> A bid shall be awarded to an Alaska Bidder whose bid is not more than ten percent (10%) higher than the lowest bid, if the Bidder

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meets the requirements of AS 36.30.170(f).

- E. ALASKA PRODUCTS PREFERENCE: The bid will be decreased by the percentage of the value of the designated Alaska products under AS 36.30.332 AS 36.30.338. The Bidder must execute the Alaska Products Preference Worksheet and submit the worksheet with the Bid in order to receive this preference. A list of qualified Alaskan products is available on line at http://www.dced.state.ak.us.econdev/prodpref. An Alaska Products Preference Worksheet can be obtained from the Facilities Office by calling 264-8238.
- **F. ALASKA VETERAN'S PREFERENCE**: An Alaska Veteran Preference of five percent, not to exceed \$5,000, will be applied to the price in the proposal. The preference will be given to an offeror who qualifies under AS 36.30.990(2) as an Alaska bidder and is 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

A preference under this section is in addition to any other preference for which the bidder qualifies.

To qualify for this preference, the bidder must add value by the bidder itself actually performing, controlling, managing and supervising a significant part of the services provided or the bidder must have sold supplies of the general nature solicited to other state agencies, governments, or the general public.

An Alaska veteran is a resident of Alaska who:

- 1) Served in the Armed forces of the United States, including a reserve unit of the United States armed forces; or the Alaska Territorial Guard, the Alaska Army National Guard, the Alaska Air National Guard, or the Alaska Navel Militia; and
- 2) Was separated from service under a condition that was not dishonorable.

NOTE: Alaska Veteran Preference Affidavit Required. See attached form 25D-17.

- G. RECYCLED PRODUCTS PREFERENCE: Not Applicable.
- H. Contractor must provide documents for proof or calculation of Preferences listed above.

END OF SECTION

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SECTION 00300 - BID SCHEDULE

	tal Base Bid \$
	tal Base Bid \$(figures)
	Dollars
	(words)
	EFERENCES: Indicate whether you are eligible for any of the following Preferences. Requirement must be complied with to qualify for bid preferences are described in paragraph 1.5 below:
	Alaska Bidder Preference (5%), ACS Procurement Guidelines 2-202-12-9.
	Alaska Employment Program (15%), ACS Procurement Guidelines 2-202-12-9.
	Alaska Disabled Bidder (10%), ACS Procurement Guidelines 2-202-12-9.
	Alaska Product Preference, ACS Procurement Guidelines 2-202-12-9.
	Alaska Veteran's Preference, ACS Procurement Guidelines 2-202-12-9.
	with ALASKA COURT SYSTEM for the Work
В.	Contract Documents for this project hereby proposes and agrees to perform the Work within the
B.	The above Bidder, having become thoroughly familiar with the terms and conditions of the proportion of
B.	The above Bidder, having become thoroughly familiar with the terms and conditions of the proportion contract Documents for this project hereby proposes and agrees to perform the Work within the treated and in strict accordance with the proposed Contract Documents, including furnishing all labor materials to do all the work required. The submission of a Bid is considered a representation that the Bidder has examined the Contract Documents to make certain that all sheets and pages were provided, and that the Bidder has examined the Project site, and that the Bidder is satisfied as to the conditions to be encountered in performing
	The above Bidder, having become thoroughly familiar with the terms and conditions of the proportion Contract Documents for this project hereby proposes and agrees to perform the Work within the treated and in strict accordance with the proposed Contract Documents, including furnishing all labor materials to do all the work required. The submission of a Bid is considered a representation that the Bidder has examined the Contract Documents to make certain that all sheets and pages were provided, and that the Bidder has examined the Project site, and that the Bidder is satisfied as to the conditions to be encountered in performing Work. The Alaska Court System expressly denies any responsibility or liability for a bid submitted on

No other alterations, substitutions, changes or qualifications to the terms or conditions of the invitation

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are allowed on this Bid Schedule.

- D. Offers made in response to this Invitation to Bid shall be good and firm for a period of 60 days from the date of bid opening. If written notice of the acceptance of this Bid is mailed or delivered to the Bidder within sixty (60) days from the date of bid opening, or at any other time thereafter before it is withdrawn, the Bidder will accept the Contract in accordance with this Bid. All offers and acceptance resulting from this Invitation to Bid shall be expressly limited to the terms and conditions contained in this document and its attachments.
- E. By signature on this document the above Bidder certifies compliance with the applicable portions of the Federal Civil Rights Act of 1964 and the Equal Employment Opportunity Act and the regulations issued thereunder by the State and Federal Government. If any Bidder fails to comply with the Act or Regulations issued thereunder, the OWNER reserves the right to terminate the contract.
- F. Bidder acknowledges that this Bid is being submitted with Bidder's facsimile signature. Bidder agrees that the Alaska Court System is relying upon this facsimile signature as if it were an original signature, and by submitting this Bid, Bidder waives any right to disclaim this Bid based upon the fact that the signature is not original.
- G. By completing, signing and submitting this form I certify that I have reviewed the bid documents, with addenda, and understand the scope of services and conditions required for this Property/Facility. Furthermore, I agree to furnish for the above amounts which was arrived at independently and without collusion all necessary labor, materials, and equipment. Work shall be accomplished in a workmanlike manner, observing all applicable civil rights and equal employment opportunity acts, and to the satisfaction of the Contracting Officer
- H. HUMAN TRAFFICKING: By signature on this 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.

1.3 SIGNATURE

Signature of Bidder		Date	
Olg. latare of Diago.		2 4.0	
Printed or Typed Nam	e of Signer & Title		
officer and officers au	thorized to sign contracts on be firm together with the signature	ehalf of the corporati	n together with the signature of the on. If Bidder is a partnership, se rtners authorized to sign contracts
Business Name:			-
Business Address			_
Telephone Number:			_

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Fax Number:			
E-mail Address:			(Seal, if by Corporation)
Business License Numbe	<u>.</u>	Expires:	
Contractor's Certification	Number	Expires:	
Federal Identification Nun	nber		
		eteran's preference, the Beteran, in the following form	idder must supply a written
1). Served in the Armed forces; or the Alaska Ter the Alaska Navel Militia;	rritorial Guard, the Alaska and	tes, including a reserve uni	t of the United States armed Alaska Air National Guard, or
Authorized Signature			
Printed Name		Date	

END OF SECTION

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SECTION 00510 - AGREEMENT BETWEEN OWNER AND CONTRACTOR

Date of Contract: DATE:

THIS AGREEMENT made by and between: **ALASKA COURT SYSTEM**, (hereinafter called "Owner") and **CONTRACTOR** (hereinafter called "Contractor").

The Owner and the Contractor agree as set forth below:

Article 1. Work

The Contractor shall perform all the Work required by the Contract Documents for the following project:

Palmer Door and Hardware Project # PAL-C-17-0001

It is agreed that for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the Owner or its assignee, the Contractor hereby agrees with the Owner to commence and complete the construction described as follows:

Supply and installation of the entire Work as contained in the ITB issued **February 3, 2017** (hereinafter called the "Work"), at a cost not to exceed the proposed price and to furnish all the materials, supplies, machinery, equipment, superintendents, labor, insurance and other accessories and services necessary to complete said Work in accordance with the conditions stated in the Contract Documents.

Article 2. Time of Commencement and Completion

Contractor hereby agrees to commence Work under this Agreement on a date to be specified in a written "Notice of Proceed" from the Owner and to complete the Work within the time stated in the Supplemental Conditions.

Article 3. Architect/Engineer

The Architect/Engineer for this project is: Alaska Court System - Assistant Facilities Manager

1.

Article 4. Contract Sum

The Owner shall pay the Contractor under provisions of the Contract Documents for the performance of the Work, subject to additions and deductions by change order as provided in the Contract Conditions, the Contract

Sum of AMOUNT

dollars and no cents (\$NUMBER.00)

for the Base Bid total Lump Sum Amount. The attached bid sheets form an integral part of this Agreement.

Article 5. Contract Documents

5.1 The Contract Documents consist of this Agreement and documents listed hereinafter, (hereinafter called "Contract Documents"), and all are incorporated herein by reference and as fully a part of the Contract as if attached to this Agreement or repeated herein:

Invitation to Bid and all attachments listed in the Index of Attachments

Laboers' and Mechanics' Minimum Rates of Pay

Technical Specifications

Technical Drawings

Contents of Addenda

Contractor's completed Bid Schedule

Notice of Award

Notice to Proceed

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This Agreement and all covenants hereof shall insure to the benefit of and be binding upon the Owner and the Contractor, respectively, and their partners, successors, assigns and legal representatives.

Article 6. Progress and Final Payments

- Payment shall be made to the Contractor by the Owner, or his assigns, based upon amount of the approved Contractor's estimate of Work completed and value of materials suitably stored on site up to date of application for payment less any retainage required by the Owner in accordance with General Conditions Paragraph 5.
- 6.2 Final payment, constituting the final unpaid balance of the contract sum including retainage, shall be paid by the Owner or his assigns to the Contractor. Final payment shall be due to the Contractor in accordance with General Conditions Paragraph 5.

Article 7. Miscellaneous

Any notice of communication which either party desires to give the other party which affects the contract sum of this Agreement shall be given in writing and either shall be personally delivered to the other party's representative or deposited in the United States mail as registered mail with all postage prepared and if given by the Contractor to the Owner, then addressed as follows:

Name: Brian Roberts
Agency: Alaska Court System
Address: 820 West 4th Avenue
City, State, Zip: Anchorage, AK 99501

City, State, Zip: Anchorage, AK 99501 Email: broberts@akcourts.us

Phone: 907-264-8238

If given by the Owner to the Contractor, then addressed as follows (including telephone number on the last line):

Name: CONTRACTOR

Business: .

Address:

City, State, Zip: Email Address:

Phone: Fax:

- 7.2 The Owner shall furnish to the Contractor an electronic set of drawings and specifications, at no cost, for use in the Construction of the Work. The Contractor may obtain additional sets of printed drawings or specifications by paying the Owner for the costs of reproduction, handling and mailing.
- 7.3 The Contractor shall perform at least ten percent of the total Work with forces that are in the direct employment of the Contractor's organization.

In WITNESS WHEREOF, the parties have made and executed this Agreement to be effective the day and year first above written.

ALASKA COURT STSTEM, OWITED		Contractor	
By: Christine Johnson		Ву:	
Contracting Officer			
Title:	Date	Title:	Date

END OF SECTION

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SECTION 00700 – GENERAL CONDITIONS

1. CONTRACTOR'S GENERAL DUTIES:

- a) The Contractor shall diligently, and in skillful, workmanlike manner, provide all labor, materials, equipment, and facilities necessary to perform the Work in accordance with the Contract Documents and in a manner to complete the Work within the specified contract time. The Contractor shall not perform any portion of the Work for which the Contract Documents require submittal and review of shop drawings, product data, samples or similar documents until the applicable submittal has been approved by the architect.
- b) The Contractor shall provide on the site at all times during the prosecution of the Work an Owner approved, competent resident Supervisor. The CONTRACTOR is to submit to the Owner for consideration, the proposed Supervisors qualifications and relevant work history, and, three (3) project references, no older than 5 years old, with scope, date, and contact information including phone number, of the referenced projects Project Manager. The Owner shall also be advised in writing of the supervisors name, email address, local address, mailing address, and telephone number. This written advice is to be kept current until Final Completion by the OWNER. The supervisor will be the CONTRACTOR's representative at the site and shall have full authority to act and sign documents on behalf of the CONTRACTOR. The Supervisor may not be changed or replaced without prior approval of the Owner. All communications given to the Supervisor shall be as binding as if given to the CONTRACTOR.
- c) The Contractor shall cooperate with the Contracting Officer in every way possible.
- d) Contractor must prepare contemporaneous daily reports showing the progress of the work. The Contractor must transmit a copy of the daily reports to the Owner no less than daily. Transmittal of daily reports does not constitute notice to the Owner of any matter for which notice is specifically required under the Contract Documents. The daily reports must include, at the minimum, information regarding the project schedule, safety issues, subcontractors on site, work performed, meetings held, and communications with the Owner.
- e) Contractor shall provide a minimum of 72 hours' notice for all required or requested inspections, approvals, tests or differing condition verifications that require site visits. Site visits by Owner are limited to weekdays, unless agreed to in advance by both parties.

2. **AUTHORITIES AND LIMITATIONS**:

- a) The Contracting Officer (or authorized representative) has the authority to make findings, clarifications or interpretations and decisions with respect to the contract; to approve materials, work and payment therefore; and, to modify or terminate the contract on behalf of the Owner.
- b) The Contractor shall have sole responsibility for the means, methods, sequences, or procedures of construction and safety precautions related thereto. The Contractor shall conduct all works in such a manner as to protect state resources.
- c) Dispute Resolution: Any dispute arising out of this contract, and which cannot be satisfactorily remedied by the Parties to the Contract, shall be resolved pursuant to Alaska Rules of Court, Rule 47.
- 3. **LAWS AND REGULATIONS:** The Contractor shall comply with all applicable laws, regulations, codes, ordinances and written directives issued by the Contracting Officer.
 - a) The Contractor shall obtain applicable licenses and permits; provide supervision, labor, tools and new materials (except as may otherwise be provided by the Contracting Agency); and utilize Alaska Products and Wood Products when applicable (see AS 36.05.010 & AS 36.30.322).
 - b) The Department of Labor, Labor Standards and Safety Division shall be notified in accordance with AS 36.05.010 and AS 36.05.030. The Contractor must then comply with the requirements noted within the most recent Department of Labor pamphlet entitled, "Laborer's and Mechanic's Minimum Rates of Pay," found at: http://www.labor.state.ak.us/lss/pamp600.htm

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- c) The Contractor shall submit one copy of the certified payrolls to the Owner weekly. Statue 36.05.0005 applies only to a public construction contract that exceeds \$25,000.
- d) Compliance of Specifications and Drawings: If the Contractor observes that the Specifications and Drawings supplied by the OWNER are at variance with any Regulatory Requirements, Contractor shall give the Contracting Officer prompt written notice thereof, and any necessary changes will be authorized.
- e) Preferential Employment:
 - a. The Contractor shall comply with all applicable and valid laws and regulations regarding the hiring of Alaska residents now in effect or that might subsequently take effect during the term of this Contract.
 - b. Employment Preference in Zones of Underemployment. The Alaska Department of Labor and Workforce Development has determined that certain areas of Alaska are Zones of Underemployment. If the Work is to be performed wholly or partly within a Zone of Underemployment, the Contractor must give employment preference to Alaska residents as determined by the Alaska Department of Labor and Workforce Development. Failure to comply with this requirement can result in substantial civil and criminal penalties under AS 36.10.100. Within 20 days after award of a contract under this procurement, the Alaska Court System will report the Contract to the Alaska Department of Labor and Workforce Development, which will be responsible for administration and enforcement of employment preference requirements. Contractor can obtain the Alaska Department of Labor and Workforce Development Employment Preference Determination at the following internet address: http://labor.alaska.gov/lss/forms/reshire-notice-2013.pdf. For further information, contact the Alaska Department of Labor and Workforce Development, Division of Wage and Hour Administration, at 907-269-4900.
 - c. In order to ensure that the Contractor Subcontractors will comply with all applicable laws and regulations regarding the hiring of Alaska residents now in effect or that might subsequently take effect, the Contractor shall include in its Contracts with subcontractors under this Contract language that is substantially the same as the paragraph above.
- f) Alaska Little Davis-Bacon Act requirements. The following Labor provisions shall also apply to this Contract:
 - a. Contractor and Subcontractors of Contractor shall pay all employees unconditionally and not less than once a week;
 - b. Wages may not be less than those stated in the advertised Specifications, regardless of the contractual relationship between the Contractor or Subcontractors and laborers, mechanics, or field surveyors;
 - c. The scale of wages to be paid shall be posted by the Contractor in a prominent and easily accessible place at the site of the Work;
 - d. The Owner shall withhold so much of the accrued payments as is necessary to pay to laborers, mechanics, or field surveyors employed by the Contractor or Subcontractors the difference between
 - 1. The rates of wages required by the Contract to be paid laborers, mechanics, or field surveyors on the Work, and
 - 2. The rates of wages in fact received by laborers, mechanics, or field surveyors.
- 4. **CHANGES:** The Assistant Facilities Manager reserves the right to make written changes to the Contract Documents for modifications within the general scope of the Work. The value of any Work covered by a Change Order for an increase or decrease in the Contract Price shall be determined in one of the following ways:
 - a) Where the Work involved is covered by unit prices contained in the Contract Documents, by application of unit prices to the quantities of the items involved.

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- b) Request for Proposal upon receipt by the Contractor, he shall within seven days, submit to the Owner a written proposal for adjustment. Proposals for increases or decreases to the Contract amount shall include both a detailed cost estimate showing direct labor, material, equipment, small tools, and consumable costs, and subcontractor cost estimates as appropriate.
- c) Time and Materials (T&M) Work When authorized by Owner, the cost of the change shall be based on actual cost for time and materials spent on work performed. The Contractor shall provide backup documentation including, but not limited to, daily time sheets, material invoices, and equipment rental receipts.
- d) Allowances for overhead and profit shall not exceed 15% for the party performing the work. This allowance is to compensate the Contractor for all labor, supervision, and equipment not directly necessary to perform or supervise the work. This allowance includes temporary construction facilities, field engineering, schedule updating, as-built drawings, home office costs, project management, office engineering, estimates, home office overhead because of extended time, and any other indirect costs incidental to the performance of the change in work. The Contractor shall be allowed a 5% markup on the first lower tier subcontractor only. No other markup is allowed.
- e) Any act or occurrence be it a result of an emergency, differing site condition or change order which may form the basis of a claim for a price to time adjustment shall be reported immediately to the Contracting Officer. Extra work performed without a signed agreement or change order shall be treated as unauthorized work, and the Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Time for that work.

5. INSURANCE AND INDEMNIFICATION:

- 1. The Contractor shall, within 3 working days of the Award of the contract, provide proof of the following insurances: Worker's Compensation (per statutory requirements) and adequate coverages and limits:
 - (i) Comprehensive or Commercial General Liability: Not less than \$1,000,000 aggregate, and not less than \$500,000 each occurrence:
 - (ii) Automobile Insurance: Not less than \$1,000,000 each occurrence (Combined Single Limit for bodily injury and property damage)

These coverages shall remain in force for the duration of the contract.

- 2. The Contractor shall indemnify, save harmless, and defend the OWNER, its agents and its employees from any and all claims, actions, or liabilities for injuries or damage sustained by any person or property arising directly or indirectly from the construction or the Contractor's performance of this contract; however, this provision has no effect if, but only if, the sole proximate cause of the injury or damage is the Owner's negligence.
- 6. **APPLICATION FOR PROGRESS PAYMENT:** The Contractor shall submit to the Contracting Officer for review a Request for Payment filled out and signed by the Contractor covering the Work completed as of the date of the Request for Payment and accompanied by such supporting documentation as is required by the Contract Documents. Contracting Officer will either indicate in writing a recommendation of payment or return the Request for Payment to the Contractor indicating in writing the Contracting Officer's reasons for refusing to recommend payment. In the latter case, the Contractor may make the necessary corrections and resubmit the Request for Payment. Progress payments will be made as the Work progresses on a monthly basis.
 - Stored Materials and Equipment: Coordinate with court system project manager.
 - b) The Contractor shall make prompt payment to all employees, subcontractors and suppliers utilized on the Project.
 - c) The Owner shall make final payment to the Contractor following approval for completion of all Work and the Contractor's submittal of all releases, warranties, record documents, permits and invoices. Liens or other claims relating to the Project may be withheld from final payment, if written notice is first given to the Contractor. Acceptance of final payment will constitute Contractor's waiver to future claims.

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- d) No claim by the Contractor for a change in the Contract Price shall be allowed unless claimed before Final Acceptance of this Contract.
- 7. **MATERIALS AND EQUIPMENT**: All materials and equipment shall be of specified quality and new, except as otherwise provided in the Contract Documents. The Contractor shall provide all facilities and labor required to protect materials and other components of the Work from damage or deterioration due to environmental exposure, handling, or other factors.
- 8. **USE OF PREMISES:** The Contractor is responsible for the Site, the Work, and persons and materials thereon. The Contractor shall confine construction equipment, the storage of material and equipment and the operations of workers to the Project limits and approved storage sites.
- 9. **WARRANTY:** The Contractor warrants that all Work will be in accordance with the Contract Documents and will not be defective. Prompt notice of all defects shall be given to the Owner. All Defective Work, whether or not in place, may be rejected, corrected, or accepted as provided for in this Article. The Contractor shall remedy all defects in materials or workmanship which develops within a period of one year from the date of final payment unless directed otherwise within the Contract Documents/specifications.
- 10. **SAFETY:** The Contractor is responsible for maintaining a safe and clean work area, and for blocking off work areas to public access during the course of work. The Contractor shall also comply with standards prescribed by the State of Alaska, Department of Labor, Division of Labor Standards and Safety. The CONTRACTOR alone shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. The Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to all employees on the Work and other persons and organizations who may be affected thereby; and to all the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, The CONTRACTOR shall comply with all applicable Regulatory Requirements of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection.
- 11. **BUILDING SECURITY:** The Contractor will lock exterior building doors except while work in the immediate area is in progress. The Contractor shall keep all exterior doors locked except while access to the building is required for Work. If an exterior door is left unlocked the Contractor will not leave the door unattended. If exterior doors are removed or rendered insecure as a result of the Work, the Contractor will secure the opening using other means as necessary while maintaining egress compliance. When Contract personnel leave the building after hours, they will lock all doors, inspect the area for fire hazards and take appropriate corrective action.

12. **CONTRACT CLOSE-OUT:**

- a) Substantial Completion: Substantial Completion Inspection will be scheduled after the Contractor provides written notice to the Owner that Work is Substantially Complete. Should Owner determine that Work is not substantially complete the Contractor will be notified in writing, giving reasons therefore.
- b) Final Completion: Upon completion of the Work, and prior to final payment, the Contractor shall submit to the Owner the following items duly signed and executed: Warranty of Work; Contractor's Affidavit of Payment of Debt and Claims; Contractor's Affidavit of Release of Liens; Consent of Surety to Final Payment; Final Wage Certification and Department of Labor Notice of Completion; Complete and legally effective releases or waivers signed by each of Contractor's direct subcontractors and direct material suppliers, and all persons who have notified Contractor or Owner of a right to make a claim under AS 36.35.020
- 13. **LIQUIDATED DAMAGES**: Liquidated damages will be in the amount of \$200 per day beginning on the date(s) provided in Section 01010.1.5.D for Substantial Completion and ending on the date that Substantial Completion is achieved. These liquidated damages are intended to compensate the Owner for contract administration costs due to delay, and are in addition to any actual damages that Owner may claim as a result of loss of use or other harm resulting from delay of Final Completion.

END OF SECTION

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SECTION 01010 - SUMMARY OF WORK

PART 1 GENERAL

1.1 DEFINITIONS

- A. Alaska Court System (ACS) Normal Work Hours: 7:30 am until 5:00 pm Monday through Thursday, Friday 7:30 am until 12:00 pm not including State holidays.
- B. Provide: To furnish and install.

1.2 OWNER'S OCCUPANCY

- A. The Owner will continue to occupy and operate the building. The Contractor shall coordinate with the Owner to allow normal business operations to continue and shall cooperate with the Owner in construction operations to minimize conflict and to facilitate Owner usage. Contractor shall at all times conduct his operation to insure the least inconvenience to staff, visitors, and the general public.
 - 1. Contractor must maintain the existing fire exiting and public and private circulation pathways.
- B. Contractor shall schedule **after** ACS Normal Work Hours any work which could interfere with the Owner's operation. Specific schedules and Work activities which will be required to be performed after Normal Work Hours are:
 - 1. All demolition work.
 - 2. All rooftop hoisting.
 - Any concrete drilling or saw cutting.
 - 4. Any water, HVAC or power shut offs.
 - 5. All work with loud power tools.
 - 6. All fire alarm and security system disruption or testing.
 - 7. All Work in common circulation areas, including office space, hallways, courtrooms, public lobbies, public toilets, and stairwells.
- C. Disruption of Operations: Any work deemed by the Owner to be disruptive to operations or to the record of the court due to excessive noise, vibration or other reasons will be required to be performed after normal working hours. The Contractor must schedule and coordinate such work with the Owner prior to proceeding with work. Contractor shall coordinate with the Owner periods of time when construction work is producing strong odors for the shut off of air intake fans.
 - 1. Upon notice by court staff that the contractors work is disrupting operations the contractor must immediately cease work.
- D. Include in contract sum sufficient funds as may be required for any "after hours" work caused by these requirements. No additional payment to Contractor will be authorized because of Contractor's failure to anticipate required "after hours work".
- E. Construction areas must be segregated by closed doors or temporary barriers from the occupied areas of the courthouse.
- F. After Substantial Completion in a given area, schedule work to maintain Owner's operation.

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1.3 WORK COVERED BY THE CONTRACT DOCUMENTS

- A. Project Location: Palmer Courthouse, 435 South Denali St., Palmer, Alaska
- B. Owner: Alaska Court System (ACS), Facilities Dept. 820 West 4th Avenue, Anchorage, Alaska 99501.
 - 1. Owner's Contract Representative: Brian Roberts; Assistant Facilities Manager.
 - 2. Owner's on-site Representative for Palmer court system issues: Debbie Miller; Clerk of Courts.
- C. Provide all equipment, materials, labor, and workmanship, necessary to complete the Work as described and reasonably inferred to in the Contract Documents.
 - Doors and hardware.
 - a) Replace or refinish doors as noted in the contract docs.
 - b) Replace door hardware as noted in the contract docs
 - c) Contractor shall field verify existing conditions; hardware style; function; and finish prior to submitting Submittals and ordering new hardware.
 - d) Contractor shall field verify specified hardware will fit existing and new doors prior to submitting and ordering. No additional funding will be provided for hardware incorrectly ordered as to fit; Function; or Finish.
 - e) Contractor shall field measure and verify existing door openings for size; plumb; square; hinge locations; and levelness of floor prior to ordering new doors. Contractor is responsible to fit new doors to existing openings/frames. No additional funding will be provided for field modifications needed to install new doors to existing openings/frames
 - f) Contractor shall key all new locksets/cylinders to Owner requirements.
 - g) Contractor shall install cover plates or otherwise repair and/or patch holes/voids/imperfections exposed on doors and frames as a result of the Work. Contractor shall submit proposed methods to Owner for approval.
 - h) Contractor to verify new hardware will cover existing hardware's footprint. IE same size escutcheon; rose; kick plate; etc.
 - 3. Contractor shall cover and protect furniture, furnishings, flooring, and equipment as needed to perform the Work. Upon completion of the Work in each area the Contractor shall return the areas to their original arrangement and level of cleanliness and functionality.
 - 4. Doors and/or hardware removed or otherwise made inoperable during the Contractor's Work shift must be replaced or otherwise made fully functional prior to ACS Normal Work Hours.
 - 5. Contractor shall maintain existing accessibility and security levels to all areas (lobbies; courtrooms; offices; hallways).
 - 6. Contractor shall schedule doors that are to be refinished to be completed and dry to the touch prior to ACS Normal Work Hours, and, post signage clearly indicating recently refinished doors.
 - 7. Contractor shall provide a Mock-up of approximately 3 refinished doors for approval by Owner prior to proceeding with the refinishing of the remainder of the doors.

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1.4 CONTRACT TYPE

A. Competitively bid Lump Sum Single Prime Contract

1.5 PERFORMANCE PERIOD AND NOTICE TO PROCEED

- A. A limited Notice to Proceed may be issued as determined appropriate by the Assistant Facilities Manager. Such Notices to Proceed may be limited to procurement and fabrication of long lead materials, submittals and other off site work prior to issuance of a full Notice to Proceed with Work on-Site.
- B. A Notice to Proceed with Work On-site will be given after Contractor has all materials on-hand; has complied with contract requirements; and has submitted and received approval of a Work Schedule.
- C. Submit Preliminary Work Schedule to include but not be limited to: the submittal process; materials selection and procurement; timelines for Work; and Substantial Completion date within 14 days after Notice of Award for review, comment, and revision process. Upon receipt of Owner comments, submit a revised schedule within 5 days. Continue Work Schedule submittal/revision process until a Final Work schedule is agreed upon. Submit Final Work schedule 4 weeks prior to the beginning of Work On-Site. Submit Work schedule with Pay Request.
- D. Substantial Completion required within 21 days of Notice to Proceed with Work on-Site, and, by June 26,2017. Note Liquidated Damages provision in General Conditions paragraph 13.
- E. Final Completion, including Final Pay Request, required by June 30, 2017.

1.6 SECURITY AND CLEARANCES

- A. Contractors, agents, principals, officers or employees who supply goods or services to the ACS must have completed background checks. The interior premises of ACS facilities may contain confidential information relating to the business of the ACS. Any person with the following conditions is restricted from working within the interior premises or entering the interior premises, other than as a member of the general public:
- B. Been convicted of a violent crime or crime of theft within last 5 years;;
- C. Been convicted of more than 2 misdemeanors in last 5 years;
- D. Been convicted of more than one felony in previous 10 years:
- E. Has an on on-going case in the court where work is being performed with ACS until case is resolved. The ACS may make an exception to this restriction where services are provided under conditions in which the movements and activities of the person providing services within the premises are constantly monitored, and under circumstances in which the movements and activities of the person providing services are limited to areas in which confidential information relating to the business of the ACS is not present.;
- F. The ACS may limit or reject certain individuals if their presence is determined by the Contracting Officer to be detrimental to the normal conduct of the ACS business.
- G. Prior to commencement of any work on court premises, the ACS requires each contractor, agent, principal, officer or employee who will work on court premises to provide a State of Alaska Background Check Form completely and correctly filled out so that a background check can be conducted and a security clearance can be obtained. Allow 4 days for clearance approval after Background Check Form is submitted. A Background Check Form has been provided at the back of this Section.

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- H. Much of the business of the ACS is necessarily confidential and not subject to public disclosure. The confidentiality of draft opinions, internal memoranda, conversations regarding pending issues and other court business are essential to the court's function. Additionally, records related to personnel issues, procurement proceedings, internal policy discussions, and other administrative issues are also confidential. Prior to commencing any work under this contract, the contractors, agents, principals, officers or employees who supply goods or services to the premises shall inform all contractors, agents, principals, officers, and employees working on the premises that the disclosure of any confidential court business observed or overheard may result in permanent removal form the premises and may be grounds for termination of contract and even criminal prosecution.
- I. Access to the Palmer Courthouse will be permitted with a limited issuance of hard keys and electronic card keys which will be signed for by the Contractor. The Contractor is responsible for tracking and safeguarding the keys and must return them to the issuing entity as a condition of final payment. No duplications are to be made by the Contractor. The Contractor may also be given security codes to allow entry into secure areas of the courthouse. The Contractor and the Contractors Supervisor are the only individuals to be made aware of these codes. Should loss of keys or unauthorized code distribution occur, the Contractor shall advise the Owner immediately, and will be responsible for replacement keys; rekeying; and recoding costs.
- **1.7 WARRANTY:** All work and materials shall be warrantied for a period of one year after acceptance by the Owner, unless otherwise stated in these specifications. At no additional cost to Owner, correct defects in materials and workmanship which appear during warranty period by repairing, or when directed, by replacing.
- **MEETINGS**: A Preconstruction meeting will be held. Attendance by the Contractor, the Contractors Supervisor, and the first tier subs is required. One Progress Meetings will be held per week. Attendance by the Contractor and Supervisor is required. Attendance by first tier subs is required if requested by Owner.
- **1.9 INSPECTIONS:** Contractor shall provide a minimum of 72 hour's notice for all required or requested inspections, approvals, tests or differing condition verifications that require site visits. Site visits by Owner are limited to weekdays, between 8am and 4pm, unless agreed to in advance by both parties.

1.10 SUBMITTALS:

- A. Deliver all required submittals to Owner within 14 days of Notice of Award. Provide a minimum of 2 copies of the submittals. Owner will review submittals and resubmittals and provide comments within **seven (7) days** after receipt and will retain the submittals for their files.
- B. Contractor to provide resubmittals within 5 days after receipt of Owner comments.
- C. Identify Project, Contractor, subcontractor or supplier; pertinent contract drawings sheet and detail numbers and specification section number and location in Work. Submittals for each section shall be submitted individually. Submit by specification section complete and all at one time; partial submittals will not be considered.
- D. Apply Contractor's stamp, signed, certifying that review, verification of products required, field dimensions, adjacent construction Work and coordination of information is in accordance with the requirements of the Work and the Contract Documents.
- E. Identify variations from Contract Documents and product or system limitations which may be detrimental to successful performance of the completed Work.
- F. Reference Division 08 Openings for specific technical submittal requirements.

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- G. The Contractor shall perform no portion of the Work for which the Contract Documents require submittal and review of Shop Drawings, product data, Samples, Qualifications, or similar submittals until the respective submittal has been approved by the Owner.
- H. Contractor shall submit all required submittals in a timely fashion in order to allow review, comment, and resubmittal process and not delay the Work.
- I. Submittal copy size for most submittals shall be 8-½" by 11", 8-½" by 14", or 11" by 17" as appropriate. Copy size for fire alarm or other system shop and design drawings may be up to 24"x36".
- J. Mark each copy to identify applicable products, details, models, options and other project specific data.
- K. Supplement manufacturer's standard data to provide information unique to this project. Show reference standards, performance characteristics and capacities, electrical characteristics, wiring and piping diagrams and controls, component parts finishes, dimensions, details and required clearances.
- L. Submit 2 full sets of samples. One to the Owner and one to the Owners On-site representative to review, select, and retain. Provide additional sets of samples as needed for return to Contractor. Contractor shall keep one set of samples at the project site for on-site reference. Include identification on each sample with full project information.
- M. Submit samples to illustrate functional and aesthetic characteristics of the product with integral parts and attachment devices. Coordinate samples submittals for interfacing work.

1.11 SUBSTITUTIONS

- A. No items will be considered for, or for equal approval prior to Bid Opening. No request will be considered from sub-bidders or suppliers directly. To be considered, requests for substitution should conform to this Section.
- B. In connection with the use of any substitute item approved by the Architect or Owner, it shall be in the Contractor's responsibility to see that such items meet all space requirements, and that any alterations to connecting items necessitated by use of the alternate items are properly made, at no increase in cost to the Owner.
- C. Specific reference in the specifications to any article, device, product, materials, form or type of construction, etc., by name, make or catalog number, shall be interpreted as establishing a standard of quality and/or color and shall not be construed as limiting competition.
- D. In making a request for substitution, Contractor represents:
 - He has personally investigated proposed product or method, and determined that: It is equal or superior in all aspects to that specified; and that any significant variation between the product specified and the proposed product that would affect the use of product, operation of building systems, or exposed appearance of product has been identified to the Owner.
 - 2. He will provide the same guarantee for substitution as for product or method specified and that he waives all claims for additional costs related to substitution which consequently becomes apparent.
 - He will coordinate installation of accepted substitution as for product or method specified.

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- 4. Owner will be sole judge of acceptability of any proposed substitution and only approved substitutions may be used on Contract Work.
- 5. Each request for substitution approval shall include:
 - a. The identity of product for which substitution is requested, identity of substitution and quality comparison of proposed substitution with specified product.
 - b. Changes required in other work because of substitution and effect on construction progress schedule.
 - c. Availability of local (Anchorage, Alaska) maintenance service and source of replacement materials.

1.12 CERTIFIED PAYROLL

- A. The Contractor shall provide one copy of all certified payrolls which are submitted to the State Department of Labor to the Owner for review.
 - 1. Certified payrolls shall be submitted bi-weekly while work is proceeding for all Contractor and subcontractor personnel on site.
 - 2. At completion of each subcontractor's on-site work, a final certified payroll shall be submitted with the wording "FINAL" denoted on it.

1.13 WORK UNDER OTHER CONTRACTS

A. Contractor shall coordinate with Owner to allow Work by other Contractors.

PART 2 - PRODUCTS

- A. Protection Use all materials and means necessary to maintain temporary traffic controls, barriers for material storage areas, and protection of Owner's facilities, walkways, and stairways, throughout progress of the work.
- B. Replacements In the event of loss or damage, immediately make all repairs and replacements necessary at no additional cost to the Owner.

PART 3 - EXECUTION

3.1 SITE ACCESS:

- A. Vehicle Parking: Contractor will be allowed to park in the courthouse parking areas only after Normal Work Hours unless pre-approved otherwise by Owner.
- B. Off-loading of materials and equipment: Off-loading of materials and equipment permitted only after Normal Business Hours unless pre-approved otherwise by Owner.

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- C. Contractor is responsible for protection of the Site including concrete and asphalt paving, curbs, landscaping, fencing, and striping.
- D. Contractor is responsible for obtaining all permits/approval required to perform Work. Including but not limited to ACS, Local, State, Muni, sidewalk closing, parking meter/space hooding /closing, crane/forklift hoisting.
- E. After court system Normal Working Hours all building entrances must be secured, and remain secured (locked) throughout the Work session. If an exterior door is left unlocked the Contractor shall not leave the door unattended. If exterior doors are removed or rendered insecure as a result of the Work, the Contractor will secure the opening using other means as necessary while maintaining egress compliance.
- F. Sanitary Facilities: Contractor will be limited to two restrooms within the facility. The specific restrooms will determined by the Owner prior to commencement of the Work. Janitorial personnel provide cleaning services after Normal Working Hours, and will clean each toilet room once a day. At the end of each work activity, Contractor shall leave all toilets used by their personnel in clean and sanitary condition. If additional cleaning by janitorial personnel is required due to Contractor's use of after hours, the Contractor will be charged.
- **3.2 SITE STAGING, STORAGE AND WASTE DISPOSAL:** The Contractor shall be responsible for protection of materials during delivery, off-loading and transportation to on-site storage areas.
 - **A. Available Storage Areas:** Contractor shall store all Contractor provided materials off-site at their bonded and insured warehouse until Work on-site commences. After that time, the Contractor may store limited tools, materials, and equipment in an on-site store room. Stored items to be kept in a neat and orderly fashion.
 - B. **Protection:** Use all materials and means necessary to protect and maintain facility property, including plantings, fencing, pavements, roadways, structures, lighting, existing utilities and vehicles, from the activity of remodel demolition and material removal operations.
 - C. **Site Waste Disposal:** The Contractor shall remove waste resulting from the Work on a daily basis. Transport and legally dispose of materials off site as work progresses. **The Owners waste receptacles shall not be used.**
- **3.3 QUALITY ASSURANCE**: All work shall be performed by workmen skilled and experienced in their craft, and under proper supervision.

3.4 CLEANING:

- A. General: Do not allow the accumulation of scrap, debris, waste material, and other items not required for construction of this Work or caused as a result of the Work. Provide adequate storage for all items, awaiting removal from the job site, observing all requirements for fire prevention and protection of the ecology.
 - 1. Retain all stored items in an orderly arrangement allowing maximum access. Do not impede drainage or traffic and provide required protection of materials.
 - 2. Weekly, and more often if necessary, inspect all arrangements of materials stored on the site; restack, tidy or otherwise service.
 - 3. Maintain the interior and exterior areas of Work in a neat and orderly condition at all times to the satisfaction of the Owner.
 - 4. Construction activities shall be monitored on a daily basis to determine if tracking of dirt and debris from construction areas onto the adjacent areas, floors, desks, office furniture or equipment has occurred. Any cleanup necessary, including sweeping, vacuuming, dusting, or

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stain removal, shall be accomplished on a daily basis by the Contractor. Washing dirt and debris into the storm drains is not permitted.

5. If additional cleaning by janitorial personnel is required due to contractor related construction activities the contractor will be charged.

B. Dust Control:

- Maintain continuous cleaning and wetting procedures to control dust pollution at the project site and haul routes as required by governing authorities and Contract Documents. Use power sweepers for street cleaning. Schedule cleaning so that resultant dust and contaminants will not fall on newly coated surfaces.
- 2. Prevent dust and particle infiltration into diffusers, vents and ductwork to remain, and to above ceiling plenum areas. Contain all dust and debris within project areas, removed from occupied spaces. Provide cleaning as needed to control and contain dust.
- 3. Any additional cleaning deemed necessary by the Owner shall be provided by the Contractor as soon as requested.

C. Close Out Cleaning.

- Execute prior to Substantial Completion.
- Employ skilled workmen for final cleaning.
- 3. Fully clean all project work areas, project storage, staging and transport area
- 4. Remove grease, mastic, adhesives, dust, dirt, stains, fingerprints, temporary labels, protection films, and other foreign matter from sight exposed interior and exterior surfaces.
- 5. Clean all interior and exterior surfaces exposed to view. Polish wood, clean transparent and glossy surfaces, vacuum carpeted and soft surfaces, clean hard flooring surfaces as per manufacturer recommendations.
- 6. Clean equipment and fixtures to a sanitary condition.
- 7. Hose clean exterior paved surfaces at material and equipment storage locations.

END OF SECTION

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SECTION 00410 BID BOND

KNOW ALL	. MEN BY THESE PRESENTS:		Date Bond Executed:	
That		of		as principal,
	I sum of			
Date of bid:				
Alaska), in th	NCIPAL and SURETY above named, a ne penal sum of the amount stated above I representatives and successors, jointly	e, for the pa	syment of which sum will and truly	
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	ce with plans and specifications filed in d is required to furnish a bond in the amo			under the Invitation for Bids
	bid is accepted and he is offered the pr gation to the Alaska Court System create			
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	BY:		Corporate	
	NAME & TITLE:		Seal	
	CORPORATE SURETY:			
Attest:	BUSINESS ADDRESS:			
	BY:		Affix Corporate	
	NAME & TITLE:		Seal	
	State	of Alaska	Court System	

END OF SECTION

SECTION 01740.1 CERTIFICATE OF SUBSTANTIAL COMPLETION

Project: Palmer C	Courthouse Door and Hardwar	r <u>e</u>		Project #PAL-C-17-0001
TO OWNER: Alaska Court Syste 820 W. 4 th Avenue Anchorage, AK 99	501	ARCHITECT: Kumin and Assoc.		CONTRACTOR:
	BOVE PROJECT GENERALL ce or refinish doors. Re		e.	
by the Owner wher CERTIFICATION E I certify that the W be completed or c items on such list documents. The d	n the Work is substantially cor BY CONTRACTOR OF SUBS ork is substantially complete, orrected will be prepared by does not alter the responsil late of commencement of wa	nplete in accordance with, TANTIAL COMPLETION: in accordance with, and a the Owner and the Archit bility of the undersigned to	and as defined in, ect, and apposed complete	pletion of the Work is the date determined ed in, the Contract Documents. the contract documents. A list of items to be be be determined to include any the Work in accordance with the contract the will be the date of final payment unless
otherwise agreed to CONTRACTOR:	, and the second		For	
CONTRACTOR.	(Signature)		rui	(Company)
-	(Name Pri	nted)	Date _	
			ntially compl	ete, in accordance with, and as defined in,
ARCHITECT:			For	
	(Signature)			(Company)
			Date	
-	(Name Pri	nted)	_	
				ete, in accordance with, and as defined in,
PROJECT MANAG	GER:		For	ALASKA COURT SYSTEM
•	(Signature))	_	(Company)
			Da	to.
-	(Name Pri	nted)	<u> </u>	
In reliance upon the substantially complete for all areas and co	lete. The date of substantial of supponents except for	completion is hereby establ	ished as	er, the Owner hereby accepts the Work as
The Contractor sha	all maintain all insurance, inclu	ıding property insurance, u	ntil final acce	eptance of the Work.
OWNER:	ALASKA COURT SYSTEM		Date _	
The responsibilities	s of the Owner and the Contr	actor for security maintens	ance heat i	itilities, damage to the Work and insurance

shall be as follows:

SECTION 01740.2 AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS AND RELEASE LIENS AND CLAIMS AGAINST PAYMENT BOND

Pro	oject: Palmer Courthouse Door and Hard	dware		PAL-C-17-0001
			Со	ntract Date:
Ala 82	OOWNER: aska Court System OW. 4th Avenue chorage, AK 99501	C	CONTRACTOR:	
Left said in the the man sull Ow open	d company and/or corporation; that deponency particular by said contractor and the greare no bills remaining unpaid for laborater are no suits pending against the undersials furnished or otherwise under said comitted to the Owner simultaneously with wher on account of said contract or othe erate as a full and final release and discontract.	nent knows of at all parts of the standard of the standard of the making of the contract. Determise, and the marge of the Otent further agree.	his own knowledg ne work have bee therwise, in conne- contractor or anyon eponent further sa this affidavit conse acceptance of the wner from any fur ees that all guaral	vit by resolution of the Board of Directors of e that said contract has been complied with a approved by the Owner's Engineers; that ection with said contract and work, and that one in connection with the work done and ays that the final estimate which has been stitutes all claims and demands against the ne sum specified in said final estimate will other claims, demands or compensation by intees under this contract shall and be in full is.
cla Ala	im against the payment bond for labor, se	rvices, or mate ne project desc	erials furnished thr ribed above. This	mentioned above, hereby waives it right to rough the date first mentioned above, to the waiver does not cover any retention or any
	ceptions: (If none, write "None." If require each exception.)	ed by the Owne	er, the Contractor	shall furnish bond satisfactory to the Owner
SU 1.	IPPORTING DOCUMENTS ATTACHED Consent of Surety to Final Payment. V Indicate attachment: (yes) (no		ty is involved, Co	nsent of Surety is required.
2.	Contractor's Release or Waiver of Clai	ms, conditiona	I upon receipt of f	inal payment.
3.				ontractor's direct subcontractors and direct wner of a right to make a claim under AS
CC	ONTRACTOR:		Address:	
BY Su	: bscribed and sworn to before me this	day of	20	
No	tary Public:			
Му	Commission Expires:			
En	d of Section			

SECTION 01740.3 WARRANTY OF WORK AFTER FINAL PAYMENT

Palmer Courthouse Door and Hardware Project #PAL-C-17-0001

Prior to final payment, the Contractor shall furnish to the Owner a Warranty of Work After Final Payment in the following form:

The CONTRACTOR does hereby warrant all work and materials to be in full and complete accordance with the Contract Documents and Agreement between Owner and Contractor and requirements appertaining thereto; that all work and materials are free from any defects and imperfections and fully suitable for the use and purposes for which each and every part is intended. The contractor also agrees that, should any defect develop or appear which the Project Manager or Architect finds was not caused by improper use, the Contractor shall promptly, upon demand, fully correct, substitute and make good any such defective material, without any cost to the Owner, and will save the Owner harmless against any claim, demand, loss, or damage by reasons of any breach of this warranty.

This period of this warranty shall commence on the date of Final Acceptance of the Owner.

The warranty shall continue to be in full force and effect for the period of one year, except for those items for which a longer period of warranty is specifically stated in the Warranties for work in Technical Sections of the Specifications. Warranties for work stated in Technical Sections shall continue in full force and effect for the respective periods expressly stated.

	the undersigned has signed and sealed this instrument this	
day of	, year	
(Firm Name):		
(Signature).		_
(Title):		
(Attest):		

(SEAL IF BIDDER IS A CORPORATION)

CERTIFICATE OF COMPLIANCE

Palmer Courthouse Doors and hardware Project #C-17-0001

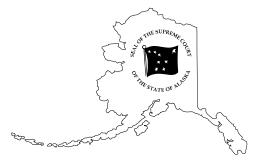
No final payment shall be made until the CONTRACTOR shall file with the OWNER, prior to acceptance of the Work, a notarized Certificate of Compliance on the following form:

- A. The CONTRACTOR does hereby certify that all work has been performed and materials supplied in accordance with the DRAWINGS, SPECIFICATIONS, and Contract Documents for the above work, and that;
 - 1. No less than the prevailing rates of wages as ascertained by the governing body of the Contracting Agency has been paid to laborers, workmen and mechanics employed on this Work;
 - 2. There have been no unauthorized substitutions of subcontractors; nor have any subcontracts been entered into without the names of the subcontractors having been submitted to the OWNER prior to the start of such subcontracted Work;
 - No subcontract was assigned or transferred or performed by any subcontractor other than the original subcontractor, without prior notice having been submitted to the OWNER together with the names of all subcontractors:
 - 4. All claims for material and labor and other service performed in the connection with these specifications have been paid.

	EOF, the undersigned has signed and sealed this instrument this
day of	, year
(Firm Name):	
(Signature):	
(Title):	
(Attest):	

(SEAL IF BIDDER IS A CORPORATION)

As determined necessary, evidence of compliance may be required to be submitted with and made a part of this Certificate of Compliance.



ALASKA COURT SYSTEM

State of Alaska

SNOWDEN ADMINISTRATIVE OFFICE BUILDING 820 W. 4TH AVENUE
ANCHORAGE AK 99501–2005

Background Check Form

Date:			
Name of Individual:	(Fi	rst, Middle, L	.ast)
Date of Birth:			
Social Security Number:			
Previous States of Residence:			
The above information is being r for the Alaska Court System. All not be disclosed or disseminated	l information (verba	l or written) is	s confidential and will
ACS Facilities Representative			
Date Request Fulfilled	Ву:		
☐ No criminal record ☐	Records to follow	, <u> </u>	No Driver's Record

TECHNICAL SPECIFICATIONS

DIVISION 02: EXISTING CONDITIONS

SELECTIVE DEMOLITION:

1. General

A. Definitions:

- 1. Remove: Detach items from existing construction and legally dispose of them off-site unless indicated to be removed and salvaged or removed and reinstalled.
- 2. Remove and Salvage: Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner ready for reuse.
- 3. Remove and Reinstall: Detach items from existing construction, prepare for reuse, and reinstall where indicated.
- 4. Existing to Remain: Existing items of construction that are not to be permanently removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.
- B. All work performed on this building shall comply with all pertinent codes, rules, ordinances and regulations of the local and state governing authorities.
- C. All work performed shall be in strict compliance with the latest OSHA Safety and Health Standards MLS Electric Safety Handbook #GS-11294.
- D. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:
 - 1. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
 - 2. Dispose of demolished items and materials promptly.

E. General construction:

- 1. Remove doors, where replaced.
- 2. Remove and Salvage door hardware where replaced or not being used.

F. Electrical:

- Remove all electrical and communications conduit, boxes, devices and wiring not being used.
- G. Removed and Reinstalled Items:
 - 1. Clean and repair items to functional condition adequate for intended reuse.
 - 2. Pack or crate items after cleaning and repairing. Identify contents of containers.
 - 3. Protect items from damage during transport and storage.
 - 4. Reinstall items in locations indicated. Comply with installation requirements for new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated.
 - 5. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by Owner's On-Site Representative, items may be removed to a suitable, protected storage location during selective demolition and cleaned and reinstalled in their original locations after selective demolition operations are complete.
- H. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

DIVISION 08: OPENINGS

1. General

A. Refer to Drawing(s), and schedules for additional information.

- B. Provide new doors; hardware; windows/glazing to match existing where indicated on Drawing(s). Install new doors in existing frames. Where new doors are indicated, replace all existing hardware with new hardware to match existing unless noted otherwise; IE kick plates, door stops; door hold opens; closers; sound seals; weather stripping; thresholds; push and pull plates etc.
- C. Refinish doors to match existing where indicated on Drawings. Existing hardware on doors scheduled to be refinished shall be replaced as noted on the Hardware Schedule.
- C. Remove and replace existing signage on all doors.
- D. Remove, Modify & Re-install existing doors in existing frames if needed.

FLUSH WOOD DOORS

1. General

- A. Scope includes 20-minute rated -solid-core doors with wood veneer faces, and glazing for glass view panels in flush wood doors. Hardware per specification section "Door Hardware Sets".
- B. Submittals:
 - 1. Product Data: For each type of product, include sound ratings, construction details, material descriptions, core descriptions, and finishes.
 - 2. Shop Drawings: including elevations, details of doors and frames, fire-rating, locations of reinforcement and preparation for hardware, hinges, details of seals, door bottoms, and thresholds, dimensions & locations of undercuts.
 - 3. Samples: Provide 2 sets of samples of veneer. Wood veneer to match existing door veneer.
- C. Manufacturers: Subject to compliance with requirements available manufactures offering products that may be incorporated into the Work include the following:
 - 1. Algoma Hardwoods, Inc.
 - 2. Mohawk Doors
 - 3. Approved Equal

Materials:

- A. Provide wood veneer flush-design doors, to match existing thickness, of seamless construction; with manufacturer's standard fire-retardant core as required to provide fire rating indicated. WDMA I.S. 1-A Performance Grade: Extra Heavy Duty.
- B. Light Frames: Metal frames for light openings in fire rated doors: Manufacturers standard frame formed of cold rolled steel sheet with baked enamel or powder coated finish and approved for use in doors with 20-minute rating.
- C. Glazing: Clear safety glazing (tempered or laminated) approved for use in doors with 20-minute rating. Sizes as indicated on door schedule.

SOUND CONTROL DOOR ASSEMBLIES

1. General:

- A. Scope includes Wood Veneer sound-control Wood Doors, Sound Control door thresholds, frame sound seals, automatic integral drop bottom sound seal. Coordinate reinforcement, types, and mounting locations for remaining door hardware, including hinges, closers, locks, cylinders, astragals, and panic devices supplied under section "Door Hardware Sets".
- B. Submittals:
 - 1. Product Data: For each type of product, include sound ratings, construction details, material descriptions, core descriptions, and finishes.
 - 2. Shop Drawings: including elevations, details of doors and frames, locations of reinforcement and preparation for hardware, details of sound control seals, door bottoms, and thresholds.
 - 3. Samples: Provide 2 sets of samples of each material. Ship to Owners representative. For custom matched wood veneer and finish, prepare on samples of not less than 3 by 5 inches.
 - 4. Warranty: Samples of special warranty.
- C. Quality Control: Obtain sound-control door assemblies, including doors, sound-control seals, hinges (when integral for sound control), thresholds, and other items essential for sound control, from single source from single manufacturer.
- D. Sound Rating: Construct door and accessories assembly to STC 45 standards, unless noted otherwise in the Door Schedule, as determined by ASTM E413 when tested in an operable condition according to ASTM E90 and ASTM E1408.

- E. Manufacturers: Subject to compliance with requirements available manufactures offering products that may be incorporated into the Work include the following:
 - 1. Ambico Limited
 - 2. Kreiger Specialty Products
 - 3. Overly Door Company
- F. Description: Provide wood veneer flush-design sound-control doors, thickness to match existing, of seamless construction; with manufacturer's standard sound-retardant core as required to provide STC and fire rating indicated. WDMA I.S. 1-A Performance Grade: Extra Heavy Duty.
- G. Materials and Finishes: Provide wood veneer with custom finish to match existing wood veneer doors and existing finish.
 - 1. Grade: Custom Grade A faces.
 - 2. Match and assembly of veneers to match existing doors.
- H. Sound Control Door Hardware: Finishes matching existing door hardware.
 - 1. Hinges: Heavy Duty Ball Bearing hinges.
 - 2. Panic Bars: Von-Duprin mortise lock exit device, series 9927L -F series or approved equal
 - 3. Cylinders; Corbin Russwin– verify backset requirements. Provide removable cylinders keyed to Owner requirements.
 - 4. Door Pulls and Push Plates: Ives, Hager or approved
 - 5. Door closer: Sargent 281 series (ADA) mounted to door manufacturer "Z" brackets.
 - 6. Manufacturers standard Drop Seals.
 - 7. Manufacturers standard Sound Control Threshold:
 - 8. Manufacturers standard Sound Seals
 - 9. Manufacturer to supply Secondary Adjustable Acoustic Sound Seals at Head and Jambs (frame mounted) Pemko adjustable perimeter gasketing (PG) #379CS or approved equal.
 - 10. Manufacturers standard Acoustic Meeting Stile Astragal Seal and Retainer Metal acoustic astragals with integral acoustic seals for double doors.
 - 11. Door Kick plate: 10-inches high
 - 12. Wall Stop.
 - 13. See section "Door Hardware" and "Door Hardware Sets" for related door hardware information and sound door hardware provided by others.
- I. Installation: Install sound-control door assemblies plumb, rigid, properly aligned, and securely fastened in place; comply with manufacturer's written instructions.
 - 1. Sound-Control Seals: Where seals have been prefit and preinstalled in the factory and subsequently removed for shipping, reinstall seals and adjust according to manufacturer's written instructions.
 - 2. Hinges: Install hinges according to manufacturer's written instructions.
 - 3. Thresholds: Set thresholds in full bed of low VOC, fire-rated acoustic sealant.

ALUMINUM ENTRANCE DOORS

- 1. General:
 - A. Provide new Aluminum exterior manual swing, insulated glass, entrance doors installed in existing storefront frame unit. Door finish to match existing anodized aluminum storefront finish.
 - B. Submittals:
 - 1. Product Data for each type of product.
 - 2. Shop Drawings including plans, elevations, sections, full size details.
 - 3. Entrance door hardware schedule Prepared by or under supervision of supplier, detailing fabrication and assembly of entrance door hardware, as well as procedures and diagrams. Coordinate final entrance door hardware schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of entrance door hardware.
 - C Performance Requirements:
 - 1. Wind Loads: Capable of withstanding wind load design pressures of 30 psf inward and outward. The design pressures are based on the 2016 IBC, 100 mph wind speed.

2. Air Infiltration: For single acting offset pivot or butt hung entrances in the closed and locked position, the test specimen shall be tested in accordance with ASTM E 283 at a pressure differential of 1.57 psf (75 PA) for single and pairs of doors. A pair of 6'0" x 7'0" (1830 mm x 2134 mm) entrance doors and frame shall not exceed 1.0 cfm/ft².

2. Materials:

- A. Provide Kawneer Series 350, medium stile entrance, with 10-inch bottom rail.)
- B. Low-E Insulated glazing with EPDM gaskets
- C. Hardware: Match existing hardware finishes. Provide Manufacturer's standard hardware compatible with existing aluminum storefront frame, designed to operate smoothly, tightly close and securely lock aluminum entrance doors.
 - Match existing hardware including but not limited to: Heavy Duty hinges; Lockset(s); Vertical Rod Exit Devices; Push-side Surface mounted Closers; Weather-stripping; ADA compatible Thresholds.

DOOR HARDWARE

- 1. General
 - A. Provide hardware on new and existing doors as indicated in Hardware Schedule.
- 2. Basis of Design: Manufacturers listed on Hardware Schedule are to establish a standard of function and quality. Subject to compliance with requirements, provide products indicated or an approved equal product.
- 3. Materials:
 - A. Ball Bearing Hinge: Ives (IV), McKinney (MC), Hager Hinge (HA), Lawrence Brothers (LA), Stanley (ST), or approved equal.
 - B. Lockset: Corbin Russwin (CR), or approved equal.
 - C. Keyed Cylinder: Removable. Keyed to Owner requirements. Corbin Russwin (CR) or approved equal.
 - D. Panic Bar: Von Duprin (VD) 99-L-F series or approved equal.
 - E. Silencers: Trimco (TR) or approved equal.
 - F. Sound Seals: Acoustical Solutions Inc. or approved equal.
 - G. Secondary Sound Seals: Pemko adjustable perimeter gasketing (PG) #379CS or approved equal.
 - H. Thresholds and astragals: Pemko or approved equal
 - I. Wide Angle Viewer: Ives (IV) or approved equal.
 - J. Door Pulls and Push Plates: Ives, Hager or approved equal.
 - K. Wall stops: kick plates: and door to floor stops: Trimco or approved equal.
 - L. All new hardware to match existing style and finish. Contractor to field verify hardware style and finish.

4. Installation:

- 1. Install each hardware item in conformance to manufacturer's templates and instructions.
- 2. Trim Exit Devices to provide 1 ½" clearance between End Cap and hinge jamb stop face where applicable.
- 3. Adjust and check each operating item of hardware and each door to insure proper operation or function of every unit. Replace units, which cannot be adjusted to operate freely and smoothly

DOOR HARDWARE SETS

HW SET 1

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EΑ	MORTISE LOCK	ML2054 LWA M17 SA114	630	COR
1	EΑ	80CYLINDER	1080	626	COR

HW SE	ET 2				
QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	MORTISE LOCK	ML2030 LWA M17 SA114	630	COR
HW SE	ET 3				
QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	MORTISE LOCK	PASSAGE ML2010 LWA M17 SA114	630	COR
HW SE	ΞT 4				
QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1 2	EA EA	EXIT DEVICE CYLINDER	MATCH EXISTING CORBIN DEVICES 3080	626	COR COR
HW SE	ET 5				
QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HW HINGE	5BB1HW 5 X 4.5 NRP VERIFY EXISTING FRAME	613	IVE
1 2	EA EA	PANIC HARDWARE CYLINDER	3327A-NL-OP-388 3080 613 FINISH	313 626	VON COR
2	EA	90 DEG OFFSET PULL	8190HD 12" O	613	IVE
2	EA EA	OH STOP SURFACE CLOSER	100S 4040XP EDA	613 695	GLY LCN
2	EA	PA MOUNTING PLATE	4040-18PA	695	LCN
1	EA EA	THRESHOLD	655A-MSLA-10 WEATHERSTRIP BY DOOR/FRAME MANUFACTURER	A	ZER
HW SE	ET 6				
QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
8	EΑ	HW HINGE	5BB1HW 4.5 X 4.5	652	IVE
2 2	EA EA	PUSH PLATE PULL PLATE	8200 4" X 16" 8303 8" 4" X 16"	630 630	IVE IVE
2	EA	SURFACE CLOSER	4040XP EDA	689	LCN
2 2	EA EA	KICK PLATE WALL STOP	8400 10" X 1" LDW B-CS WS406/407CVX	630 630	IVE IVE
1	EA	GENERAL	SOUND DOOR GASKET BY DOO	000	PEM
			SUPPLIER INCLUDES DOOR BOTTOM AND THRESHOLD		

HW SET 7

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
8	EΑ	HW HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EΑ	FIRE EXIT HARDWARE	9927-L-F-LBR-ER36-03-499F-SNB	626	VON
2	EA	CYLINDER	3080	626	COR
2	EΑ	SURFACE CLOSER	4040XP EDA	689	LCN
2	EΑ	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EΑ	WALL STOP	WS406/407CVX	630	IVE
1	EΑ	GENERAL	SOUND DOOR GASKET BY DOO		PEM
			SUPPLIER		

HW SET 8

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	FIRE EXIT HARDWARE	99-L-F-03-SNB	626	VON
1	EA	CYLINDER	3080	626	COR
1	EA	ELECTRIC STRIKE	REUSE EXISTING ELECTRIC STRIKE		VDC
1	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188S-BK	S-BK	ZER

HW SET 9

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
4	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	MORTISE LOCK	ML2054 LWA M17 SA114	630	COR
1	EA	80CYLINDER	1080	626	COR
1	EA	SURFACE CLOSER	4040XP	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GENERAL	SOUND DOOR GASKET BY DOOR PEM SUPPLIER		PEM

HW SET 10

:

	QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR	
-	4	EΑ	HINGE	5BB1 4.5 X 4.5	630	IVE	
	1	EΑ	MORTISE LOCK	ML2054 LWA M17 SA114	630	COR	
	1	EA	80CYLINDER	1080	626	COR	
	1	EΑ	SURFACE CLOSER	4040XP	689	LCN	
	1	EΑ	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE	
	1	EΑ	WALL STOP	WS406/407CVX	630	IVE	
	1	EΑ	GASKETING	188S-BK	S-BK	ZER	

HW SET 11

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	MORTISE LOCK	ML2054 LWA M17 SA114	630	COR
1	EA	CYLINDER	3080	626	COR
1	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GENERAL	SOUND DOOR GASKET BY DOOR SUPPLIER		PEM

HW SET 12

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EΑ	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EΑ	MORTISE LOCK	PASSAGE ML2010 LWA M17 SA114	630	COR
1	EΑ	SURFACE CLOSER	4040XP	689	LCN
1	EΑ	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
1	EΑ	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EΑ	WALL STOP	WS406/407CVX	630	IVE
1	EΑ	GASKETING	188S-BK	S-BK	ZER

HW SET 13

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	FIRE EXIT HARDWARE	99-L-F-03-SNB	626	VON
1	EΑ	CYLINDER	3080	626	COR
1	EΑ	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	FS436	626	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	EA	GASKETING	188S-BK	S-BK	ZER

HW SET 14

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EΑ	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EΑ	MORTISE LOCK	ML2051 LWA M17 SA114	630	COR
1	EΑ	80CYLINDER	1080	626	COR
1	EΑ	SURFACE CLOSER	4040XP EDA	689	LCN
1	EΑ	WALL STOP	WS406/407CVX	630	IVE
3	EΑ	SILENCER	SR64	GRY	IVE

HW SET 15

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	MORTISE LOCK	ML2032 LWA M17 SA114	630	COR
2	EΑ	80CYLINDER	1080	626	COR

HW SET 16

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1 [EΑ	MORTISE LOCK	ML2051 LWA M17 SA114	630	COR
1 E	EΑ	80CYLINDER	1080	626	COR

DOOR HARDWARE INDEX

Door #	HWSet #
06	1
07	2
08	2
09	1
010	2
011	1
012	2
013	3
014	2
015	1
016	2
017	3
019	1
019A	1
020	1
020A	1
020B	2
023	1
023A	2
024	1
024A	1
025	1
025A	1
026	1

Dag: #	1134/Co+ #
Door #	HWSet #
037	4
045	15
046	15
051	16
056	15
078	5
082	6
083	7
084	8
085	7
086	6
087	9
088	9
089	10
090	6
091	7
092	7
093	11
098	12
099	12
100	8
101	13
111	10
112	8
113	14

GLAZING

- 1. General
 - A. Project includes glazing for the following products and applications:
 - 1. Interior 20-minute fire rated doors
 - 2. Exterior doors
 - 3. Glazing color and thickness to match existing.
 - B. Submittals:
 - 1. Product Data: for each glass product and glazing material indicated
 - C. Quality Assurance:
 - 1. Safety Glazing Labeling: where safety glazing labeling is indicated permanently mark glazing with certification label of the SGCC or another certification agency. Label shall indicate manufacturers name, type of glass, thickness, safety glazing standard with which glass complies.
 - 2. Fire Protection Rated Glazing labeling: Permanently mark fire-protection-rated glazing with certification label of a testing agency acceptable to authorities having jurisdiction. Label shall indicate manufacturer's name, test standard, whether glazing is for use in fire doors or other openings, whether glazing passes hose-stream test, whether or not glazing has a temperature rise rating of 450 deg F and the fire-resistance rating in minutes.
 - D. Products:
 - 1. Laminated or tempered safety glazing, 20-minute fire rated
 - 2. Insulated safety glazing: Factory assembled units consisting of sealed lites of glass separated by a dehydrated interspace; low-E, 90% argon filled, warm edge spacers.
 - 3. Dense compression gaskets (exterior glazing) made from one of the following: EPDM elastomeric or thermoplastic rubber.
 - 4. Closed cell single or double sided adhesive PVC glazing tape (interior glazing.
 - E. Warranty: 10 years from date of Substantial Completion.
 - 1. Manufacturer's Special Warranty on Insulating Glass: Manufacturer's standard form in which insulating-glass manufacturer agrees to replace insulating-glass units that deteriorate within specified warranty period. Deterioration of insulating glass is defined as failure of hermetic seal under normal use that is not attributed to glass breakage or to maintaining and cleaning insulating glass contrary to manufacturer's written instructions. Evidence of failure is the obstruction of vision by dust, moisture, or film on interior surfaces of glass.
 - F. Basis of Design:
 - 1. At Interior doors (20-min. rated): Provide 20-minute fire-rated and impact safety-rated glazing.
 - a. Nominal thickness: match existing.
 - 2. At exterior doors: Provide; insulated glass; heat strengthened or fully tempered float glass where required; thickness to match existing.

DIVISION 09: FINISHES

INTERIOR PAINTING

- A. Scope:
 - 1. Finish new wood doors and woodwork.
 - 2. Re-finish existing wood doors.
 - 3. Patching of damaged veneer not required.
 - 4. Wood (New and Existing Refinished to Match Existing):
 - a. Sand to smooth finish surface suitable for staining.
 - b. Stain doors in color to match existing.
 - c. Clear, natural finish with sheen to match existing.
 - 5. Use products with no volatile Organic compounds (VOC).
 - 6. Sherwin Williams, Benjamin Moore, ICI, Pittsburgh or equal.
- B. Installation:
 - 1. Post all required warning signs and provide material data sheets to the Owner for their files.

- 2. In occupied spaces or spaces with common atmospheres with occupied spaces, finish only after normal business hours and stop finish work and ventilate suite for four hours prior to re-occupancy. All the above notwithstanding, work at times permitted by the Owner.
- 3. Doors are to be dry to the touch prior to ACS Normal Work Hours.
- 4. Re-finish both sides of existing doors where scheduled. Do not spot finish.
- 5. Apply all finishes per manufacturer's recommendations.

(END OF SPECIFICATIONS)

Existing Door and frame Schedule

EXISTING DOOR AND FRAME SCHEDULE										
Mark	Door Size	Door Const	Frame Const.	Fire rating	Lockset	Closer	Plate	Hardware	Remarks	
4	3070	WD/SC	НМ		CR/5056 Series					
5		WD/SC			CR/5000 Series					
6		WD/SC			CR/5056 Series					
7		WD/SC			CR/5039 Series					
8	2670	WD/SC	HM		CR/5039 Series					
9		WD/SC	НМ		CR/5056 Series					
10	2670	WD/SC	HM		CR/5039 Series					
11	3070	WD/SC	HM		CR/5056 Series					
12	3070	WD/SC	HM		CR/5039 Series					
13		WD/SC			CR/5025 Series					
14		WD/SC			CR/5039 Series					
15	3070	WD/SC	HM		CR/5056 Series					
16		WD/SC			CR/5039 Series					
17	3070	WD/SC	HM		CR/5025 Series					
19	3070	WD/SC	НМ		CR/5000 Series Enterance/Office lock				3/4" latch throw, dead locking	
19A	3070	WD/SC	НМ		CR/5000 Series Enterance/Office lock				3/4" latch throw, dead locking	
20	3070	WD/SC	НМ		CR/5000 Series Enterance/Office lock				3/4" latch throw, dead locking	
20A	3070	WD/SC	НМ		CR/5000 Series				3/4" latch throw, dead locking	
20B	2670	WD/SC	НМ		CR/5039 Series				- J	
23		WD/SC			CR/ML220Series. 5056 type				3/4" latch throw.	
23A	2670	WD/SC	НМ		CR/5039 Series					
24	3070	WD/SC	НМ		CR/ML220Series				3/4" latch throw. 1" deadbolt throw.	
24A	3070	WD/SC	НМ		CR/ML220Series				3/4" latch throw. 1" deadbolt throw.	
25	3070	WD/SC	НМ		CR/ML220Series				3/4" latch throw. 1" deadbolt throw.	
26		WD/SC			CR/ML220Series				3/4" latch throw. 1" deadbolt throw.	
36		WD/SC								
37		WD/SC		20 Min.	VR/L	RAC	KP	CR 4000/5000	DB	
37D		WD/SC								
43	3070	WD/SC	HM]		

Remarks:

Existing Door and frame Schedule

EXISTING DOOR AND FRAME SCHEDULE											
	Door	Door	Frame	Fire							
Mark	Size	Const.		rating	Lockset	Closer	Plate	Hardware	Remarks		
45		WD/SC			ML2032 "type"		1	11010110110			
46		WD/SC			ML2032 "type"						
48		WD/SC			,,						
49		WD/SC									
50	3070	WD/SC	HM								
51	3070	WD/SC	HM	20 Min.	CR/5056 Series						
52	3070	WD/SC	HM								
53	2670	WD/SC	HM								
54	3070	WD/SC	HM								
56	3070	WD/SC	HM		ML2032 "type"						
72		WD/SC									
72A		WD/SC							Install new strike plate		
74A	3070	WD/SC	HM	20 Min.							
78	6070		AL		VR/DD	RAC		VD9927L	KAW. Series 350; Performance requirements/structural: 270#;Thermal:30PSF;		
82		WD/SC	HM			RAC	KP		PP,DP,DB,SS		
83	60710	WD/SC	HM	20 Min.	VR/L	RAC	KP	VD99L-F	DB		
84	30710	WD/SC	НМ	20Min.		RAC	KP	VD99L-F	Replace door, panic hardware; lever and trim device; and cylinder. Electronic hardware to remain		
85	60710	WD/SC	HM	20 Min.	VR/L	RAC	KP	VD99L-F	DB		
86		WD/SC				RAC	KP		PP,DP,DB,SS		
87		WD/SC		20 Min.	CR/5045 Series	RAC	KP		30" x 6" glazing		
88	30710	WD/SC	HM	20 Min.	CR/5045 Series	RAC	KP		30" x 6" glazing		
89	30710	WD/SC	HM	20 Min.	CR/5045 Series	RAC	KP		30" x 22" glazing		
90		WD/SC				RAC	KP		PP,DP,DB,SS		
91		WD/SC		20 Min.	VR/L	RAC	KP	VD99L-F	DB		
92		WD/SC		20 Min.	VR/L	RAC	KP	VD99L-F	DB		
93		WD/SC		20 Min.		RAC		VD99L-F			
98		WD/SC		20 Min.		RAC	KP		PP,DP		
99 100		WD/SC WD/SC		20 Min. 20 Min.		RAC	KP KP	VD99L-F	PP,DP door to floor stop. Card		
									reader.		
101		WD/SC		20 Min.		RAC	KP	VD99L-F			
106 107		WD/SC WD/SC				RAC RAC	KP KP	-			
107		WD/SC				KAC	r\P	1			
110		WD/SC		20 Min.		 	 	1			
111		WD/SC		20 Min.	CR/5056 Series		 				
112		WD/SC		20 Min.	CR/5056 Series				24" x 4" glazing. Card reader.		
113	30710	WD/SC	НМ		CR/5059 Series	RAC	KP		Kick plate measures 34"Wx40"H		
114	3070	WD/SC	НМ								
-				1		1	1				

Remarks:

DOOR & HARDWARE UPGRADE SCHEDULE											
Mark	Refinish Door Only	Replace Locksets Only	Door & Replace	Replace Door(s) Including all Hardware & Locksets	Door Size	Door Const.	Existing Frame Const.	Fire rating	Glazing	See Door Hardware Specifications & Schedule for Hardware Groups	Remarks
4	Х				3070	WD/SC	HM				
5	Х				3070	WD/SC	HM				
6			X		3070	WD/SC	HM				
7			X		2670	WD/SC WD/SC	HM				
<u>8</u> 9			X		2670 3070	WD/SC WD/SC	HM HM				
10			X		2670	WD/SC	HM				
11			X		3070	WD/SC	HM				
12			X		3070	WD/SC	HM				
13			Х		3070	WD/SC	HM				
14			Х		2670	WD/SC	HM				
15			Х		3070	WD/SC	HM				
16	-		X		3070	WD/SC	HM			ļ	
17			X		3070	WD/SC	HM				
19 19A	1		X		3070 3070	WD/SC WD/SC	HM HM			1	
20			X		3070	WD/SC WD/SC	HM				
20A			X		3070	WD/SC	HM				
20B			X		2670	WD/SC	HM				
23			X		3070	WD/SC	HM				
23A			Х		2670	WD/SC	HM				
24			Х		3070	WD/SC	HM				
24A			Х		3070	WD/SC	HM				
25			Х		3070	WD/SC	HM				
26			Х		3070	WD/SC	HM				
36	Х				60710	WD/SC	HM	00.14			
37 27D	v		Х		60710	WD/SC WD/SC	HM HM	20 Min.			
37D 43	X				3070 3070	WD/SC WD/SC	HM				
45		Х			3070	WD/SC	HM				
46		X			3070	WD/SC	HM				
48	Х				3070	WD/SC	HM				
49	Х				2670	WD/SC	HM				
50	Х				3070	WD/SC	HM				
51			Х			WD/SC		20 Min.			
52	Х				3070	WD/SC	HM				
53	Х				2670	WD/SC	HM				
54	Х	v			3070	WD/SC WD/SC	HM				
56 72	Х	Х			3070 3070	WD/SC WD/SC	HM HM			-	
72A	X				3070	WD/SC	HM			1	
74A	X				3070	WD/SC	HM	20 Min.			
78				х	6070	AL/GL	AL		Insulated safety glazing - match existing		KAW. Series 350; Performance requirements/struct ural:30 PSF
82				Х	60710	WD/SC	НМ		259	1	SD - STC 45 UNO
83				X	60710	WD/SC	HM	20 Min.		1	SD - STC 45 UNO
84				Х	30710	WD/SC	НМ	20Min.	30" x 23" safety glazing		Card Reader - Electric Strike (Remain in place); 20 minute fire rated, Tempered or laminated safety glazing
85				Х	60710	WD/SC	НМ	20 Min.	giazing	1	SD - STC 45 UNO
86	 	1		X	60710	WD/SC	HM	∠∪ IVIII I.		1	SD - STC 45 UNO

PALMER COURTHOUSE, Palmer, Alaska

	DOOR & HARDWARE UPGRADE SCHEDULE										
Mark	Refinish Door Only	Replace Locksets Only	Refinish Door & Replace	Replace Door(s) Including all Hardware & Locksets	Door Size	Door Const.	Existing Frame Const.		Glazing	See Door Hardware Specifications & Schedule for Hardware Groups	Remarks
IVIAI K	Olliy	Cilly	LOCKSELS	& LUCKSELS	Size	COHSt.	Const.	rating	Glazing	Groups	20 minute fire
87				x	30710	WD/SC	НМ	20 Min.	30" x 6" safety glazing		rated, tempered or laminated safety glazing
88				x	30710	WD/SC	НМ	20 Min.	30" x 6" safety glazing		20 minute fire rated, tempered or laminated safety glazing
89				х	30710	WD/SC	НМ	20 Min.	30" x 22" safety glazing		20 minute fire rated, tempered or laminated safety glazing
90				Х	60710	WD/SC	HM				SD - STC 45 UNO
91				Х	60710	WD/SC	НМ	20 Min.			SD - STC 45 UNO
92				Х	60710	WD/SC	НМ	20 Min.			SD - STC 45 UNO
93				х	3070	WD/SC	НМ	20 Min.	30" x 6" safety glazing		20 minute fire rated, tempered or laminated safety glazing
98				Х	3070	WD/SC	HM	20 Min.			
99				Х	3070	WD/SC	HM	20 Min.			
100				Х	30710	WD/SC	НМ	20 Min.			
101				х	3070	WD/SC	НМ	20 Min.	30" x 23" safety glazing		20 minute fire rated, tempered or laminated safety glazing
106	Х				3070	WD/SC	HM				
107	Х				3070	WD/SC	HM				
109	Х				3070	WD/SC	HM				
110	Х				3070	WD/SC	HM	20 Min.			
111				Х	30710	WD/SC	HM	20 Min.			
112				х	30710	WD/SC	НМ	20 Min.	24" x 4" safety glazing		Card Reader - Electric Strike (Remain in place); 20 minute fire rated, Tempered or laminated safety glazing
113				Х	30710	WD/SC	HM				
114	Х				3070	WD/SC	НМ				

DOOR AND FRAME SCHEDULE											
ABBREVIATIONS											
AL		Aluminum									
CYL	L	ock Cylinde	er								
CR		orbin Russv									
DB	Aut	o Door Bott	tom								
DP		Door Pull									
EXT		Exterior									
GL		Glass									
HM		Hollow Meta									
HPB	Horizontal	Push Bar E	xit Device								
KAW		Kawneer									
KP	One Kick	Plate On F	ush Side								
PB		Pull Bar									
PP		Push Plate									
RAC	Reg	ular Arm Cl	oser								
SD	Sou	nd Control I	Door								
SS		Sound Sea									
WD/SC	Wo	ood Solid Co	ore								
VD		Von Duprin									
VR/L	Vertica	al Rod Exit	Device								
\/D/DD	Vertical F	Rod Exit De									
VR/DD	Do	ogging Devi									
Remark	s:										

^{1.} Door size is shown with width and height second. IE 3070 means 3'0" x 7'0" and 26710 means 2'6' x 7' 10". Door thickness is 1 3/4" unless noted otherwise

