

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number DCFL-2010-B-0107	Page of Pages 1 / 23
2. Amendment/Modification Number DCFL-2010-B-0107-002	3. Effective Date 30-Apr-10	4. Requisition/Purchase Request No.	5. Solicitation Caption See Below	
6. Issued By: Department of Real Estate Services Contract and Procurement Division 2000 14th Street N.W., Suite 500 Washington, D.C. 20009		Code 03B	7. Administered By (If other than line 6) Department of Real Estate Services Contract and Procurement Division 2000 14th Street N.W., Suite 500 Washington, D.C. 20009	
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)			(X)	9A. Amendment of Solicitation No. DCFL-2010-B-0107
				9B. Dated (See Item 11) 15-Apr-10
				10A. Modification of Contract/Order No.
				10B. Dated (See Item 13)
Code	Facility			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. Accounting and Appropriation Data (If Required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14				
(X)	A. This change order is issued pursuant to: (Specify Authority) The changes set forth in Item 14 are made in the contract/order no. in item 10A.			
	B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.			
	C. This supplemental agreement is entered into pursuant to authority of:			
	D. Other (Specify type of modification and authority)			
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copy to the issuing office.				
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)				
The subject solicitation is hereby amended as follows:				
1. Additional contractor contact information from pre-bid meeting and site visit held on April 26, 2010 for the subject solicitation below: Mid Eastern Builders, Inc. Stefon Artis Phone: 757-487-5858 Email: sartis@meb-inc.com				
2. Responses to Questions from Prospective Bidders (Attachment A).				
3. Photos of areas of work (Attachment B).				
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect				
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer	
			Diane Wooden	
15B. Name of Contractor		15C. Date Signed	16B. District of Columbia	16C. Date Signed
			<i>Diane Wooden</i>	4/30/10
<small>(Signature of person authorized to sign)</small>			<small>(Signature of Contracting Officer)</small>	

ATTACHMENT A

QUESTION AND ANSWERS

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

1. Section 28000, 1.2, A6 – states “Provide low voltage relay contactors with low voltage pilot contacts for control and monitoring of lighting circuits as required.” The specification or drawings do not indicate where the existing lighting contactors are located. Please provide quantity and location of the existing contactors. Are the existing lighting contactors going to be re-used?

Response: The existing hardwired control panels control the local utilities. Provide dry contacts to interface the utilities with the PLC at the control room.

2. Section 280720, 3.1 C states “UPS runtime shall also be sufficient to lock and unlock all doors at least twice within the 15 minute period as well as maintain all other control and indication function.” Drawing TY402 Detail 2 indicates that the security electronics headend equipment will be installed in the Emergency Release Cabinets. Is it the intent to mount a UPS in each Emergency Release Cabinet? Please provide the UPS locations for the security electronics headend equipment.

Response: The UPS will be mounted in the control bubble under the work space. The UPS runtime has to be sufficient to maintain power to the GUI, PLC, and associated power supplies. Not the locking devices.

3. Section 284619 – Door Control System mentions the ability of touching an icon on the touch screen. Section 284619, 2.2, D, 1b does not indicate a touch screen monitor. Please confirm that GUI is mouse driven and not a touch screen.

Response: The GUIs are mouse driven.

4. Section 284619, 2.4, R & 2.5, B references a Central Control Room with a touch screen and printer. Central Control could not be located on the drawings. Please confirm that there is no Central Control location.

Response: There is not a central control room. The GUIs on a particular floor can take over another bubble in the event of an emergency.

5. Section 284619, 1.2, A1: States “Provide coordination to ensure that the system furnished includes the capacity to integrate and interface to the facilities existing RFID system, video monitoring system and future intercom and paging system. Please provide additional information on the existing RFID system. Please provide device type, functionality/scope of work, and contractor responsibility.

Response: The actual interface does not have to be written for these systems under this contract. The provided system must have the ability to interface with other systems.

6. Section 284619, 2.2, E states “Additional Programming: The ECS shall include all associated costs for a post occupancy system walk through with the owner and shall allow for two-hundred (200) hours of site specific program changes to the system.” Please confirm that this is the owners intent.

Response: Any programming changes required by the owner after occupancy will be made at no additional charge as indicated in the contract documents.

7. The specification states that temporary lighting shall be provided for the project site. Are the storage trailers that are located on the outside lay down area external to the correctional facility required to have lights around or underneath them for security purpose?

Response: It is not the intent to light the locked trailers outside the security perimeter. The location of the trailer will need to be coordinated with DOC to confirm that there are no other security breaches in the placement of the trailer.

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

8. Are there available circuits (spares) in the electrical panels that are located in each housing wing? Are there panel schedules that depict what the circuits are? Will the panel schedules be added to the bid documents? If there are no spares in the local panels, are we to add panels or pull circuits from other locations?

Response: There is at least one spare circuit for bubble power outlet in each housing wing. There are no panel schedules in the drawings; however, panel circuit may be indicated on the electrical panel that serves the new cell door work. Panel schedules are not intended to be added to the drawings, but there is enough capacity in the panel for the new cell door work. Power is required for the existing bubble and door control cabinets. The existing door control cabinets are already wired to the existing emergency panels and circuits that will be reused in the project. It is the existing wiring that will be replaced with new wiring. The contractors will have to trace the wires to the existing emergency panels and circuits. If the contractors have requirement for more spare circuits the availability of spare circuits and space to add new panel can be investigated.

9. Do the electrical panels in the housing units have the capacity to support temporary power for welders, motorized equipment etc.?

Response: The existing panels and outlets in the housing units and sallyports should be able to support this type of equipment. The new cell door work is using emergency power panels and these panels should not be used for this type of construction work or equipment.

10. What measures can we have in place to prevent someone from walking off with a tool that may be on the inventory checklist? I know time after time we sometimes forget that we have something in our pockets? This may cause major delays. I would think we would have to do a daily gang box checks prior to leaving to minimize a panicking situation.

Response: This will need to be coordinated with DOC on the site as part of the security measures in conjunction with the specification requirements.

11. The conduits that are in existence, are they large enough to compensate de-rating the cable as per the current National Electric Code (NEC)? Are there other pathways to get to the new door equipment through that same route? Will the new pathways run exposed from the Bubble? We never had a chance to see behind the console in the Bubble so we could not verify conduit fill.

Response: There are conduits running from the control bubble to the door release cabinets that are/will be acceptable to use; however, if additional conduits are required by your specific design, then it is the contractors responsibility to provide additional conduit as necessary.

12. Will the owner pull and pay for all permits including renovation permit?

Response: The building permit for this project has already been issued by DCRA. All other permits, including but not limited to trade permits, street access permits, trailer permits, etc. are the responsibility of the contractor.

13. Will the facility remove any trees and shrubs at the loading area off the street into the facility perimeter? Will this be allowed?

Response: The removal of any of these items can be done by the contractor so long as the items are replaced at the completion of the project to the same state as when the project began. Photographic documentation and formal approval will be needed prior to any removal of these items.

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

14. Reference CLIN items 0001, 0002 and 0003 on pages 3 and 4 of the Solicitation/Offer/Award form of the Specification. CLIN 0001 states the bid for this line item is for “all eighteen (18) Cell Blocks. CLIN 0002 states the bid for Alternate 1 is for twelve (12) Cell Blocks and CLIN 0003 states the bid for Alternate 2 is for six (6) Cell Blocks. Are we to assume that Alternates 1 and/or 2 will be awarded in lieu of CLIN 0001 for all eighteen (18) Cell Blocks? (Note: these are listed under add alternate on page 4). In event Alternate 1 or 2 are initially awarded is there an intent that the remaining Alternate could be awarded at a future date at the same price as quoted? If so, please advise the duration of Alternates 1 and 2 are to remain valid.

Response: One of the three options will be issued to the successful bidder. It is not the intent to use the bids at any other time other than at bid opening only and not for any future releases. The bids for alternates will remain in effect for the bid opening only and one of the three options will be issued to the successful bidder (base bid, alternate #1 or alternate #2).

15. Spec. 083460, 1.h; gives indication of an existing manual release cabinet. Dwg. TY201; gives indications of termination at the existing manual release cabinet. Spec. 087163, 2.4, 1,b; indicates a new manual release cabinet. Please clarify if a new release cabinet, housing the terminal strips and PLC, is intended for each cell run as indicated by drawing TY201.

Response: A new release cabinet should be provided within the existing release cabinet (since the new release mechanisms are much smaller). The PLC's, terminal strips, etc. shall be provided within the same existing cabinet.

16. The descriptions of the alternates is confusing. The bid form states that the alternates are “ADD” alternates; yet the Base Bid (CLIN 0001) seems to include all work for the complete project. Should the alternates be “DEDUCT” alternates?

Response: The term “Deduct Alternate” should simply read “Alternatives”. What is requested is three separate cost proposals (and schedules) on the pricing sheets provided. The Base Bid is to provide everything required to complete the work on 18 housing units. Alternate #1 is to provide everything required to complete the work on 12 housing units (not the cost reduction to go from 18 to 12); and Alternate #2 is everything required to complete the work on 6 housing units (again, not the cost reduction from 18 or 12).

17. Ref. Specification Section 011000-2, para.1.4.A. It states that “bidders are to submit a detailed, proposed housing unit schedule with their bid”. Please confirm whether this is required at the time of the bid or by the successful bidder only?

Response: The required schedule for the Base Bid and the two Alternates are to be provided with the Bid, not later.

18. Re: Specification Section 083460 - Detention Equipment General Requirements: Pages 6 and 8 of Section 083460 are missing (blank) from our specifications. Para 2.7 on pg 12 is missing. This section also refers to related work in Divisions 11 and 13, which are not included in the specifications. Please provide this missing information.

Response: The two missing pages are attached at the end of this document and are on file at the printer. The Division 11 reference should be Division 08 and Division 13 should be Division 28. Your comment on paragraph 2.7 on page 12 appears to be a reference to section 087163. 2.7 on page 12. The 2.7 paragraph should have the words “DOOR HARDWARE SCHEDULE” title shown next to it and not on page 13.

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

19. Please clarify if asbestos abatement and lead paint removal is to be included in our bid. Section 024119-3, para.1.8.D. states that “Hazardous materials will be removed by Owner before start of work.” Is this correct?

Response: The abatement procedures for the items identified in the summary of work section 1.9 and are to be removed by the contractor according to regulations. There is also a supplementary environmental report in the manual that indicates the location(s) of all suspect materials.

20. Ref.024119-7, para.3.8.B. Please clarify whether the owner or the Contractor will have possession of the sliding door components after demolition. It is unclear who gets the salvage value of this equipment.

Response: The contractor is to coordinate with the owner for the possible salvage of the existing door devices and/or components. The contractor can estimate that the owner will want to keep no more than 15% of components that are in working order at this time. The owner will indicate which items are needed to be salvaged for their use and the contractor will be able to keep/discard/resell the rest.

21. On sheet A-401 we are to replace the old Slider housing and door receiver with new ones. Do we also replace the old door guides and lock column with drop bar also? Please clarify.

Response: The door guides and lock columns are to be replaced. Refer to the door hardware for sliding door information.

22. Specification section 11190-2,A 1.2 – 1 items h states we are to install new Emergency Release Cabinet and house PLC equipment in this cabinet. Do we remove the old emergency release cabinets or do they remain in place? Please clarify.

Response: Specification section 11190 does not exist in the current set of bid documents issued on 3/25/10. This is section 083460 under the same title. The intent is to install the new release, power and PLC equipment in the existing cabinet.

23. I assume the temporary access door at housing window will be installed at all three levels of building? Is this correct?

Response: The intent is to have the access window at the location required by the phase of work being performed. The “window/door” can move as the work moves around the building/floor.

24. I assume once we put a lull or lift in the fenced area in rec. yard we can leave that piece of equipment there until we are complete with that portion of the project. Is this correct?

Response: Any equipment will need to be secured in a manner as not to cause a breach of the security measures in and around the building. Any lift, lull, hoist, etc. arrangements will need to be coordinated with the using agency and their security requirements.

25. Please confirm that Airteq is an approved hardware supplier for this project.

Response: Refer to 087163 1.7 B 3 and are on the list of approved hardware suppliers.

26. On sheet 4 of the solicitation above Clin 2 and 3, there is an add alternate paragraph in bold letters. Please clarify the intent of this paragraph.

Response: Please refer to responses to item numbers 14 and 16 responses, above for clarification on this question.

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

27. Added Bidders: Under specification 28000 on page 8, paragraph 1.5 L, the following shall be added to the list of approved ESC's for the Cell Door Replacement Project (in no particular order):

“4. ESITECH, 2506 Waco Street, Richmond, Virginia 23294, Phone: (804) 672-3223, Fax: (804) 672-3232

5. ISI Detention Contracting Group, Inc., 12903 Delivery, San Antonio, Texas 78247

6. Southern Folger Detention Equipment Company, 4634 S. Presa Street, San Antonio, Texas, 78223, Phone: (210) 533-1231, Fax: (210) 533-2211”

28. Acceptable Substitutions: Under specification section 284619 2 2 D 2 a, add “Omron InduSoft HMI” to the list of acceptable softwares.

29. Pre-bid Walkthrough handout: See the attached pages of the handout from the prebid walkthrough on 4/26/10.

30. Pre-bid Walkthrough photograph request: See the attached photos as requested from the prebid walkthrough on 4/26/10.

31. Acceptable Substitution: Under specification section 083463 2.1 A add “4. American Steel Products, 211 Broad Hollow Road, Swainsboro, GA 30401” to the list of approved DHM manufacturers.

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

Please replace specification section 011000 1.5 through 1.7 with these pages. This will also be re-issued within an official addendum.

1.1

1.2

1.3

1.4

1.5 ACCESS TO SITE

- A. General: Contractor shall have limited use of Project site for construction operations as indicated on Drawings and as indicated by requirements of this Section.
 - 1. Limits: Confine construction operations to the immediate vicinity of work phases and designated access routes.
 - 2. Driveways, Walkways and Entrances: Keep driveways, parking, loading areas, and entrances serving premises clear and available to Owner, Owner's employee and official vehicles at all times. Do not use these areas for parking or storage of materials.
 - a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
 - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- B. Condition of Existing Building: Maintain portions of existing building affected by construction operations in a secure and weather tight condition throughout construction period. Repair damage caused by construction operations.

1.6 COORDINATION WITH OCCUPANTS

- A. Partial Owner Occupancy: Owner will occupy the premises during entire construction period, with the exception of areas under construction. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's operations. Maintain existing exits unless otherwise indicated.
 - 1. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors,

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

or other occupied or used facilities without written permission from Owner and authorities having jurisdiction.

2. Provide not less than 72 hours' notice to Owner of activities that will affect Owner's operations.
 3. Movement of materials into/ out of phased work areas to be coordinated with DC DOC to minimize potential inmate contact.
- B. Owner Occupancy of Completed Construction Phases: Owner intends to occupy and operate completed phases of the Work. Such occupancy will be required prior to initiation of the next construction phase.
1. Architect will prepare a Certificate of Completion for each specific portion of the Work to be occupied by the Owner prior to initiation of the following Phase.
 2. Obtain a Certificate of Occupancy by Phase from authorities having jurisdiction before Owner occupancy.
 3. Before Owner occupancy of a completed Phase, all electrical, cell door, locking and control systems shall be fully operational, and required tests and inspections shall be successfully completed. On occupancy, Owner will operate and maintain said systems serving occupied portions of Work.
 4. On occupancy, Owner will assume responsibility for maintenance and custodial service for occupied portions of Work.

1.7 WORK RESTRICTIONS

- A. Work Restrictions, General: Comply with restrictions on construction operations.
1. Comply with limitations on use of public streets and other requirements of authorities having jurisdiction.
 2. Contractor to consider the access phasing plans included as part of the full size construction documents as it relates to the street as outlined on the constructions documents and will comply with any required jurisdictional requirements as it relates to public street and sidewalk activity including but not limited to loading, locating dumpster, unloading, temporary storage structures, boom (lift) equipment, sidewalks, etc.
- B. On-Site Work Hours: Limit work in the existing building to normal business working hours Monday through Friday. Additional work hours may be scheduled with the Owner.
1. On site normal business hours at the DC Jail are defined as 6:00AM to 2:30PM. Additional hours outside of this time period are possible, but will require special arrangements with DC Jail point of contact which may include costs to reimburse the required staff to accommodate the off hour work.

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

2. In the event of a facility emergency, a work stoppage may be required. If this occurs Contractors may be asked to exit the premises or may be prevented from entering.
- C. Access/Logistics: Contractor needs to understand the full processes required to gain access in and out of this specific facility. The required pre-bid walkthrough will give the Contractors a physical reference point and provide the opportunity to ask specific questions to DOC's appropriate staff.
1. Any employees who will be working on site will need to go through background check and be cleared, which requires a copy of photo identification be submitted not less than 72 hours prior to scheduled work day.
 2. Contractor regular working employees will be issued temporary Contractor ID badges which can help identify them more quickly for access into the jail.
 3. Contractors are to enter through the visitors-contractors entrance unless otherwise designated by DC Jail point of contact. They will be escorted by DC Jail staff to their work areas and will have one guard accompany them at each cell block at all times.
 4. Contractor's entire staff should plan to meet and start-end work at the exact same hours so that additional staff is not required to escort in and out throughout the work day.
 5. There will be a formal security check upon each and every entry into the facility which includes X-ray and physical searches. Pre-scheduled jail escorts are required prior to entering the facility.
 6. Only a single pre-designated and DC Jail approved foreman will be allowed to bring a cell phone device into the facility. All others will not be restricted from bringing cell phones or other similar devices into the premises.
 7. The contractor is permitted to place a single 40 CY dumpster at the facility loading dock for the duration of the project. Truck access for pick up and drop off will need to be pre-scheduled and pre-approved by personnel at the DC Jail. These trucks will go through a vehicular sally-port and physical inspection process.
 8. All tools and chemicals brought into the facility will need to be logged in and out daily and must be approved prior to bringing into the jail. A gang box will be allowed and shall be kept in the individual cell block that the contractor is working in. This will require a daily accounting of all tools and lock up on a daily basis. All chemicals must be accompanied by a Material Safety Data Sheet (MSDS).
 9. Materials and debris can only be transported in and out of the cell block on a twice daily basis. This will mean at the start of the work day and at

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

the end of the work day. All materials generated and used during the day period will need to be staged within the cell block that the contractor is working in. There will be absolutely no staging / storing of any materials in any jail common areas. Additional access beyond the twice a day may be possible but would need to be specially arranged with the DC Jail staff.

10. Contractor needs to fully understand and consider the designated window access points as it relates to bringing materials in from and out to the exterior staging areas designated on the full size plans. These access points need to be fully secured at all other times. Specific daily procedure will be developed with DC Jail staff.
- D. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner.
1. Notify Owner's Representative not less than 72 hours in advance of proposed disruptive operations.
 2. Obtain written permission from Owner's Representative before proceeding with disruptive operations.
- E. Nonsmoking Building: Smoking is not permitted within the building or within **25 feet** of entrances, operable windows, or outdoor air intakes.
- F. Contraband: Contraband, as defined in DC DOC policy and in accordance with the Unauthorized Items List is not permitted on the within the secure perimeter of the existing building.

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

AECOM
Project No. 60100650
March 25, 2010

DC Department of Corrections
Cell Door and Locking Control Replacement

- C. Programs in training and servicing shall be conducted by qualified persons knowledgeable with the products installed, and may consist of personnel from manufacturers or their representative, suppliers or distributors.
- D. In addition to other specified requirements, approximately 6 months following Final Acceptance of the Work, arrange to have installer of detention hardware, representatives from the builders hardware, to contact Owner and make arrangements for an inspection of the hardware, time and date of the inspection at the Owner's convenience. Readjust all hardware for proper and smooth operation; consult with Owner's personnel pertaining to any additional maintenance procedures that may be required; clean and lubricate hardware as required; replace any hardware which has deteriorated due to faulty design, materials or installation. Submit written report of current and predictable problems of any substantial nature in the performance of the hardware to the Owner.

1.11 WARRANTY

- A. General: Comply with requirements of Division 1.
- B. The DEC warrants materials furnished and installed under this Section to be free from defects in materials and workmanship for a period for two years, effective from the date of Substantial Completion of this project. Warranty to include material replacement at no cost to Owner, inclusive of labor to remove, install, and repaint defective as determined by the Owner, during the warranty period. Material which has been misused, abused or neglected by the Owner, defects for damage caused by work or failure of work by others; ordinary wear and tear; or normal equipment adjustment which are within the Owner's operation and maintenance responsibility will not be covered by the warranty.

PART 2 - PRODUCTS (See Individual Sections)

2.1 MANUFACTURERS

- A. Utilize only listed approved manufacturers, component fabricators and suppliers. Any other manufacturer, component fabricator or supplier must be approved by addenda seven (7) days prior to bid date. Manufacturer, component fabricator or supplier and product substitution requests must be submitted fourteen (14) days prior to bid date. Substitution requests received thirteen (13) days prior to bid date and thereafter, including the Contract Duration period, are not permitted and will be returned without response.

PART 3- EXECUTION

3.1 EXAMINATION

DETENTION EQUIPMENT GENERAL REQUIREMENTS

083460 - 6

CELL DOOR QUESTIONS and ANSWERS – DC JAIL

AECOM
Project No. 60100650
March 25, 2010

DC Department of Corrections
Cell Door and Locking Control Replacement

7. Comply with AWS Code for procedures of manual shielded metal-arc welding, appearance and quality of welds made, and methods used in correcting welding work.
 - a. Exposed plug welds shall be 1/4 inch minimum at 3/8-inch diameter holes equally and uniformly spaced over each frame, evenly spaced not greater than 10 inches on center.
 - b. Exposed fillet (stitch) welds shall be 1/8-inch minimum, 1-1/2-inches long (minimum length) evenly spaced not greater than 10 inches on center. Exposed to view welds that occur at frame corners and at door frames shall start no further than 3 inches above sills and corners.
 - c. Where surfaces are exposed to view, grind and sand welds smooth; fill all weld voids, seams, holes, non-welded spaces between welds, imperfections, and blemishes with polyester mineral filler "Bondo" per Section 11191 so surfaces will be uniform, smooth, without indication where welds are located, prior to field finish painting.
 8. Field welding or other field attachment of metal assemblies to embedded anchorages shall be accomplished by DEC. Where adjustable anchors are required, furnish anchors to frame installers for setting. Provide grout hole openings complete with plugs. Concrete unit masonry provider shall grout frames set into concrete block, including intermediate mullions or tubular elements (provide grouting and curing instructions). Weld grout hole plugs and provide smooth condition ready for field finish painting.
- 3.4 ADJUSTMENT, REPAIRING
- A. Before final connections to electrical power are made, test all electrically operating or sensing items and adjust as required to provide proper functions. Test electrically controlled doors utilizing the control consoles under normal operating procedures.
 - B. Adjust and lubricate moving parts to operate smoothly and quietly, without binding.
 - C. Work shall be free from scratches, dents, permanent discolorations and other defects; remove and replace damaged parts, surfaces with imperfections or damage during installation or thereafter before time of final project acceptance. Prior to touch-up painting, remove foreign material from metal surfaces including connections. Touch-up welds, bolted connections, and all abraded/damaged areas with shop applied metal primer paint.
- 3.5 PROTECTION, CLEANING
- A. Comply with Division 1 requirements.
 - B. During installation, protect adjacent surfaces and detention equipment from damage.
 - C. Work shall be free from scratches, dents, permanent discolorations and other defects; remove and replace damaged parts and surfaces with imperfections before time of final project acceptance.

ATTACHMENT B

PHOTOS























80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109