ADDENDUM NO. 1

Date: 3/23/26

Project Name: 9505.00 DOC FDCF Sally Port Operator Replacement

DAS RFB #: 950500-01

DAS Project #: 9505.00

BIDS DUE: **3/26/26**

The receipt of this Addendum shall be acknowledged by the design firm in their submission.

This Addendum consists of:

1) Bid Date has been moved to Thursday, March 26, 2026 at 2:00 PM
2) Bid Opening has been moved to Thursday, March 26, 2026 at 3:00 PM
3) RFB Meeting Minutes
    a. See attached minutes
4) Spec Section 00 2113.02 – See revised specification section updating the footer
5) Spec Section 01 3200 – See revised specification section updating the footer
6) Spec Section 01 7700 – See revised specification section updating the footer
7) Spec Section 32 3113 – See revised specification section.
8) Contractor Questions:
    a. On the previous project (North Central Correctional) we utilized the TYM-RL operator for our PLUSS systems this operator must function as a constant pressure set up and is not built to take additional safeties. In the spec section of the Fort Dodge Prison project there are a few spots that mention UL325 this would normally point to the PLUSS VSC operator that meets the requirements of UL325 and with the proper safeties would allow for momentary contact. What option would you be interested in proceeding with?
        i. Gate operator is not required to have the capability to take additional safety inputs. The TYM-RL operator is anticipated to be acceptable from a UL325 rating standpoint.
    b. I noticed that there was mention of a desk top control console in the spec of the Fort Dodge project. Would you be interested in us quoting a new indoor desk console for these gates?
        i. No.

End of Addendum

State of Iowa - Department of Administrative Services
109 SE 13th St.
Des Moines, Iowa 50319
P: (515) 281-7260

Project: 9505.00 DOC FDCF Sally Port Operator Replacement
1550 L St
Fort Dodge, Iowa 50501

RFB Pre-Bid Minutes: Meeting #1

Meeting Date	Mar 12, 2026	**Meeting Time**	11:00 am - 12:00 pm Central Time (US & Canada)
Meeting Location	1550 L Street, Fort Dodge, Iowa 50501	**Video Conferencing Link**	Join Meeting
Overview	Meeting to allow prospective bidders to visit the site, when possible, and learn more about the project.		
Notes			
Attachments			

Scheduled Attendees

Name	Company	Phone Number	Email	Attendance
Katie Bollenbaugh	Boyd Jones Construction Company		kbollenbaugh@boydjones.biz	
Luke Danielson	Boyd Jones Construction Company	P: (402) 553-1804	ldanielson@boydjones.biz	
Rob Greiner	Boyd Jones Construction Company	P: (402) 553-1804	rgreiner@boydjones.biz	Present
Leah Malchow	Boyd Jones Construction Company	P: (402) 553-1804	lmalchow@boydjones.biz	
Adam Papesh	Boyd Jones Construction Company	P: (402) 553-1804	apapesh@boydjones.biz	
Jeremiah Johnson	Fort Dodge Correctional Facility	P: (515) 571-4874	jeremiah.johnson@iowa.gov	Present
Jeremiah Miller	Fort Dodge Correctional Facility	P: (515) 351-1109	jeremiah.miller@iowa.gov	Present
Chris Bauer	Shive Hattery Inc.	P: (515) 223-8104	cbauer@shive-hattery.com	
Ben Dekruyf	Shive Hattery Inc.	P: (515) 223-8104	bdekruyf@shive-hattery.com	
Kyle Lawson	Shive Hattery Inc.	P: (515) 223-8104	klawson@shive-hattery.com	
Mark Moeck	Shive Hattery Inc.	P: (515) 223-8104	mmoeckl@shive-hattery.com	Present
Jennie Elliott	State of Iowa - Department of Administrative Services		jennie.elliott@iowa.gov	

Introduction

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	Introductions				Open
	Description Attendees					

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
	Attachments 9505.00 - Pre-Bid - Meeting Minutes.pdf					
	Official Documented Meeting Minutes See attached sign-in sheet.					

Project Overview

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.1	1	Project Description				Open
	Description Replacement of the two (2) sally port gages at the Fort Dodge Correctional Facility. • Base bid - Complete Scope of Project • Alternates (none at this time) • Unit prices (none at this time)					
	Official Documented Meeting Minutes There is a separate roof project that is currently planned to begin in the Fall of '26 and coordination with the roofing project will need worked through together.					

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.2	1	Project Schedule				Open
	Description • Contract(s) Issued: Tentative March 30, 2026 • Submittals: April 13 thru May 1, 2026 • Construction: August 3 thru September 24, 2026 • Closeout: September 25 thru October 30, 2026 A pull-plan session will be held with the successful bid package contractors to finalize the construction schedule. State Holidays: New Year's Day, Martin Luther King Day, Memorial Day, 4th of July, Labor Day, Veterans Day, Thanksgiving and day after Thanksgiving, Christmas Day					
	Official Documented Meeting Minutes Contractor stated the lead time for the fence through TyMetal is 16-20 weeks. Contractor noted that during the install of the beam/hanging the gate, the sally port will need to be closed down. If emergency services are required, team will make the sally port a viable path.					

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.3	1	Site Rules				Open
	Description • Onsite supervision by Prime Contractor is required at all times when work by that contractor or their subcontractors/suppliers is taking place. • Contractors shall provide daily logs for each day they are on site. • Construction progress meeting will be established once construction starts. • It is of the utmost importance to show respect and courtesy to all staff at all times. • Clean all debris, materials, and bring all finishes back to existing conditions in the area they were working in prior to moving to the next area.					

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status

- No smoking, vaping or smokeless tobacco use onsite.
- Temporary facilities
- Demolished items
- Tool control
- Cell phones
- Background checks
- Work hours: 8:00 AM - 5:00 PM
- View Specification 01 1200 - Contract Summary for more information.

Official Documented Meeting Minutes

Contractor will need to provide a temp toilet for their workers. Coordinate placement with BJC/facility.
Facility will allocate some of their parking lot for lay-down area for contractor's material. Contractor to try and limit any damage to the grass and will need to repair any damage.

RFB Overview

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.1	1	Bid Submission				Open

Description

- Bids are due March 24, 2026 by 2:00 PM
- The Bid shall be submitted to the Issuing Officer through the IMPACS Electronic Procurement System.
  - Link and information is in the project manual
  - Contractors will need to register prior to bidding
  - Bidders will need to register regardless of whether it has already done business with the State of Iowa.
  - Bidders should complete the registration process and ensure the ability to log in as soon as possible to ensure Bids can be submitted on the due date.
  - Please make sure the electronic documents submitted contain any required signatures. Digital signatures will be accepted.
- Bid Opening will be held via conference call on March 24, 2026 at 3:00 PM
- Contractor shall reference section 00 0116 for the bid submittal checklist
  - Bid Proposal Information
  - Non Discrimination Clause Information
  - Contractor Targeted Small Business Enterprise Pre-Bid Contract Information
  - Bid Security – 5% of total Bid amount
- Apparent low bidder will be required to submit subcontractor/supplier list 48hrs after the bid opening

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.2	1	Bid Schedule				Open

Description

- Questions/Substitutions Due in Writing to Construction.Procurement@iowa.gov: Mach 17, 2026 by 5:00 PM
- Addendum Issued: Last Addendum to be issued no later than March 22nd, 2026.
- Bids Due: March 24th, 2026 by 2:00 PM
- Tentative NOI Issued: March 27, 2026

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.3	1	Administrative Details				Open

Description

- Contractors will sign a modified ConsensusDocs 802. Example in the project manual.
- Project-specific Certificate of Insurance must be provided prior to contract execution. Follow example in the project manual and limits in the 802.
- Project-specific P&P bonds must be provided prior to contract execution.
- Successful contractor must turn in their list of subcontractors and suppliers within 48 hours of the bid.
- DAS will provide tax exempt certificates upon request.
- Procore will be used for all project management, at no cost to the trade contractor.
    - Submittals, Invoicing, RFIs, ASIs, PRs, RFQs
    - Contracts, Change Orders and Certificates of Substantial and Final Completion will also use Docusign
- Contractor Schedule of Values shall be broken out as specified in the project manual.
    - SOV must contain a closeout line item for at least 1% of the total contract value.
    - This line item can only be invoiced once the certificate of final completion has been signed by all parties.

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.4	1	Pre-Bid Site Visits				Open

Description
Request and Coordinate any additional site visits through Boyd Jones Construction
Leah Malchow - 402-239-5390
Rob Greiner - 515-650-7777

Official Documented Meeting Minutes
It is OK to reach out directly to Jeremiah Johnson with the facility to schedule site visits.

Questions

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
4.1	1	Questions				Open

Description
Submit all questions in writing to construction.procurement@iowa.gov.

Department of Administrative Services
Empowering People
Collaboration
Customer Service

Boyd Jones

Project Name:	DOC FDC Sally Port Replacement		Project #	9505.00	Bid #	950500-01	Meeting Type:	Pre-Bid
Meeting Date:	3/12/26	Meeting Time:	11:00	Meeting Location:	1550 L Street, Fort Dodge, IA 50501			

MEETING ATTENDEES – SIGN IN SHEET

				Attended Virtual / On Site	Attended Site Walk
NAME:	Rob Greiner	PHONE #:	515-650-7777		
COMPANY:	Boyd Jones	EMAIL:	rgreiner@boydjones.biz		
NAME:	MARK MOECKL	PHONE #:	(515) 422-5533		
COMPANY:	SHIVE-HATTERY	EMAIL:	markpmoeckl@shive-hattery.com	✓	
NAME:	Leif Glesne	PHONE #:	515-576-5078		
COMPANY:	Midwest Fence	EMAIL:	leif@midwestfenceandgate.com		
NAME:	Jeremiah Johnson	PHONE #:	515-576-4716		
COMPANY:	FDCF	EMAIL:	jeremiah.johnson@iowa.gov		
NAME:	Jeremiah Miller	PHONE:	515-574-4700		
COMPANY:	FDCF	EMAIL:	jeremiah.miller@iowa.gov		
NAME:		PHONE:			
COMPANY:		EMAIL:			
NAME:		PHONE:			
COMPANY:		EMAIL:			
NAME:		PHONE:			
COMPANY:		EMAIL:			
NAME:		PHONE:			
COMPANY:		EMAIL:			
NAME:		PHONE:			
COMPANY:		EMAIL:			

SAMPLE

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): xx/xx/xxxx

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Agent's Name Agent's Address	CONTACT NAME: Agent's Information PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS:
INSURED Trade Contractor's Name Trade Contractor's Mailing Address	INSURER(S) AFFORDING COVERAGE / NAIC # INSURER A : Company A (AM Best Rated A/VI or Better) — Admitted Carriers INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS (Minimum)	
* A	COMMERCIAL GENERAL LIABILITY CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [X] PRO-JECT [ ] LOC OTHER:	X	X	#TBD- CGL	3/1/17	3/1/18	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ $ $1,000,000 $2,000,000 $1,000,000
B	AUTOMOBILE LIABILITY [X] ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS	X	X	#TBD-AL	3/1/17	3/1/18	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000
C	UMBRELLA LIAB [X] OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $	X	X	#TBD-UMB	3/1/17	3/1/18	EACH OCCURRENCE AGGREGATE	$10,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N [ ] If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	X	#TBD-WC	3/1/17	3/1/18	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $500,000 $500,000 $500,000
* E	Owners Contrators Protective Liability			#TBD-OCP	3/1/17	3/1/18	*Limits equal to CGL (or) as required by owner (Note- Would be either CGL or OCP, not both)	

amount varies based on paragraph 10.2.2 of the ConsensusDocs 602 contract

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Additional Insured on a Primary & Non-Contributory basis (CGL;AL;UMB/Excess) in favor of : (Owner) Iowa Department of Administrative Services (DAS), Officers, Directors, Members, Consultants, Agents, and Employees.

Waiver of Subrogation (CGL;AL;WC/EL;UMB/Excess) in favor of: (Owner) Iowa Department of Administrative Services (DAS), Officers, Directors, Members, Consultants, Agents, and Employees.

Project XXXX.XX (Number varies by project)

CERTIFICATE HOLDER	CANCELLATION
Iowa Department of Administrative Services (DAS) 109 SE 13th Street Des Moines, IA 50319	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Signature

ACORD 25 (2014/01) The ACORD name and logo are registered marks of ACORD

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SECTION 01 3200

CONSTRUCTION PROGRESS DOCUMENTATION

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Construction Progress Schedule
B. Construction Manager's Construction Schedule
C. Submittal Schedule
D. Daily Construction Reports
E. Progress Photographs

PART 2 - PRODUCTS – NOT USED

PART 3 - EXECUTION

3.01 CONSTRUCTION MANAGER'S MASTER CONSTRUCTION SCHEDULE

A. Upon award of package, Contractor agrees to accept and meet or improve upon the schedule proposed in section **00 3113 PRELIMINARY SCHEDULE** with intermediate handoffs. Each package contractor will be required to participate in schedule coordination meetings with the Construction Manager.
B. If the bid package contractor does not meet the handoff milestones in the master construction schedule, the bid package contractor shall take measures to increase work forces, increase work hours, initiate revisions to means and methods of construction, and/or other similar measures as required to make up lost time and complete the work in accordance with the construction schedule and remain consistent with project progress and overall construction schedule. Such measures shall be at no additional cost to the Owner. The Construction Manager shall have sole discretion on decisions to accelerate work.
C. Updating the master construction schedule – Contractors are required to attend and participate in schedule coordination update meetings with the Construction Manager. This will be an opportunity for contractors to further define their scheduled scope of work in conjunction with other trades on site.
D. Acceptance of revised master construction schedule – After an updated master construction schedule has been issued via Procore, Contractors will have 48 hours to dispute the new schedule. All contractors will be held to the last fully accepted master construction schedule.

3.02 CONSTRUCTION PROGRESS SCHEDULE

A. Submit preliminary outline to the Construction Manager no later than 48 hours prior to the pre-construction meeting for coordination with Owner's requirements.
B. Submit revised progress schedule with each application for payment.
C. Schedules will be electronically submitted through Procore.
D. Distribute copies of reviewed schedules to project site file, subcontractors, suppliers, and other concerned parties.
E. Instruct recipients to promptly report, in writing, problems anticipated by projections indicated in schedules.
F. Submit computer generated horizontal bar chart with separate line for each major portion of work or operation, identifying the first day of each week.
G. Show complete sequence of construction activity, identifying work of separate stages and other

logically grouped activities. Indicate early and late start, early and late finish, float dates, and duration.

H. Indicate estimated percentage of completion for each item of work at each submission.

I. Participate in joint review and evaluation of schedule with Construction Manager.

J. Revisions to schedules:

1. Indicate progress of each activity to date of submittal and projected completion date of each activity.
2. Identify activities modified since previous submittal, major changes in scope, and other identifiable changes.
3. Prepare narrative report to define problem areas, anticipate delays, and impact on schedule. Report corrective action taken, or proposed, and its effect including effect of changes on schedules of separate contractors.

3.03 SUBMITTAL SCHEDULE

A. Submit a schedule of submittals, arranged in chronological order by dates required by construction schedule. Include time required for review, re-submittal, ordering, manufacturing, fabrications, and delivery when establishing dates.

1. Coordinate submittal schedule with list of subcontractors, the schedule of values, and construction schedule.
2. Submit concurrently with first complete submittal of contractor's construction schedule.

3.04 DAILY CONSTRUCTION REPORTS

A. Daily Construction Reports: Submitted at weekly intervals.

1. Daily Construction Reports will be submitted to Construction Manager.

B. Prepare a daily construction report recording the following information concerning events at project site:

1. Count of personnel at Project site
2. Equipment at Project site
3. Material Deliveries
4. High and low temperatures and general weather conditions, including presence of rain or snow
5. Accidents
6. Meetings and significant decisions
7. Unusual events
8. Stoppages, delays, shortages, and losses
9. Meter readings and similar recordings
10. Emergency procedures
11. Orders and requests of authorities having jurisdiction
12. Change orders received and implemented
13. Services connected and disconnected
14. Equipment or system tests and startups
15. Partial completions and occupancies
16. Substantial completions authorized

3.05 PROGRESS PHOTOGRAPHS

A. Progress photographs will be electronically submitted through Procore.

B. Preconstruction Photographs: Before starting construction, take photographs of project site and surrounding properties, including existing items to remain during construction, from different

vantage points, as directed by Construction manager.

1. Take additional photographs as required to record existing damage to site, structure, equipment, or finishes.

C. Periodic Construction Photographs: Take photographs at regular intervals. Select vantage points to show status of construction and progress since last photographs were taken.

D. Field Completion Construction Photographs: Take photographs after date of Substantial Completion for submission as project record documents. Construction manager will inform of desired vantage points.

END OF SECTION

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SECTION 01 7700

CLOSEOUT PROCEDURES

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Inspections
B. Substantial Completion
C. Project Record Documents
D. Warranties
E. Operations and Maintenance Manuals
F. Operations and Maintenance Data for Materials and Finishes
G. Operations and Maintenance Data for Equipment and Systems
H. Training
I. Final Completion
J. Maintenance

PART 2 - PRODUCTS – NOT USED

PART 3 - EXECUTION

3.01 INSPECTIONS

A. Ensure all state inspections have been completed by the authority having jurisdiction.
B. Upload documentation of all test/inspections to Procore.
C. Submit a written request for inspection of Substantial Completion. On receipt of request, The Design Professional will either proceed with inspection or notify contractor of unfulfilled requirements. The Design Professional will prepare the Certificate of Substantial Completion after inspection or will notify contractor of items, either on contractor's list or additional items identified by architect that must be completed or corrected before certificate will be issued.
    1. Re-inspection: Request re inspection when the work identified in previous inspections as incomplete is completed or corrected.
    2. Results of completed inspection will form the basis of requirements for Final Completion.

3.02 SUBSTANTIAL COMPLETION

A. A substantial completion checklist is attached for reference following this specification section.
B. Make submittals that are required by governing or other authorities.
    1. Provide copies to the Construction Manager through upload to Procore.
C. Before requesting inspection for determining date of Substantial Completion, complete the following. List items below that are incomplete in request.
    1. Submit written certification that contract documents have been reviewed, work has be inspected, and that work is completed in accordance with contract documents and ready for review
    2. Prepare a list of items to be completed and corrected (punch list), the value of items on the list, and reasons why the work has not been completed.
    3. Submit specific warranties, workmanship bonds, maintenance service agreements, final certifications, and similar documents.
    4. Make final changeover of permanent locks and deliver key to the owner. Advise owner's personnel of changeover in security provisions.
    5. Complete startup testing of systems.
    6. Submit test/adjust, balance records.
    7. Terminate and remove temporary facilities from project site, along with mockups, construction tools, and similar elements.

8. Advise owner of changeover in heat and other utilities.
9. Submit changeover information related to owner's occupancy, use, operation, and maintenance.
10. Complete final cleaning requirements, including touch up painting.
11. Touch up and otherwise repair and restore marred exposed finishes to eliminate visual defects.

3.03 PROJECT RECORD DOCUMENTS

A. Maintain on site one set of the following record documents; record actual revisions to the work:
   1. Drawings
   2. Specifications
   3. Addenda
   4. Change orders and other modifications to the contract
   5. Reviewed shop drawings, product data, and samples
B. Ensure entries are complete and accurate, enabling future reference by Owner.
C. Store record documents separate from documents used for construction.
D. Record information concurrent with construction progress, not less than weekly.
E. Specifications: Legibly mark and record at each product section description of actual products installed, including the following:
   1. Manufacturer’s name and product model and number.
   2. Product substitutions or alterations utilized.
   3. Changes made by Addenda and modifications.
F. Record Drawings:
   1. Measured depths of foundations in relation to finish first floor datum.
   2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
   3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the work.
   4. Field changes of dimension and detail.
   5. Details not on original contract drawings.
G. Record Drawings shall be uploaded to Procore in pdf format.

3.04 WARRANTIES

A. Submit written warranties for designated portions of the work where commencement of warranties other than date of Substantial Completion is indicated.
B. Submit properly executed warranties in Procore prior to Final Completion.
C. Verify that documents are in proper form, contain full information, and are notarized.
D. Organize warranty documents into an orderly sequence based on the table of contents of the Project Manual.
E. Include warranties in operation and maintenance manuals.
F. Items of work delayed beyond date of Substantial Completion, provide updated submittal after acceptance by Owner, listing date of acceptance as start of warranty period

3.05 OPERATIONS AND MAINTENANCE MANUALS

A. Format: Submit operations and maintenance manuals in the following format:
   1. Portable Document Format (PDF) electronic file. Assemble each manual into a composite electronically indexed file. Submit on digital media acceptable to Owner and upload to Procore.
      a. Name each indexed document file in composite electronic index with applicable item name. Include a complete electronically linked operation and maintenance directory.

2. Assemble with data arranged in the same sequence as, and identified by the specification sections. Where systems involve more than one specification section, provide separate index for each system.
3. Include project directory listing title and address of project, names, addresses, and telephone numbers of Architect, Consultants, Contractor and subcontractors, with names of responsible parties.
4. Include Table of Contents listing every item separated by index and specification section.

B. Source Data: For each product or system, list names, addresses, and telephone numbers of subcontractors and suppliers, including local source of supplies and replacement parts.

C. Product Data: Mark each sheet to clearly identify specific products and component parts, and data applicable to installation. Delete inapplicable information.

D. Drawings: Supplement product data to illustrate relations of component parts of equipment and systems, to show control and flow diagrams. Do not use project record documents as maintenance drawings.

E. Typed Text: As required to supplement product data. Provide logical sequence of instructions for each procedure, incorporating manufacturer's instructions.

3.06 OPERATIONS AND MAINTENANCE DATA FOR MATERIALS AND FINISHES

A. For each product, applied material, and finish:
1. Product data, with catalog number, size, composition, and color and texture designations.
2. Information for re-ordering custom manufactured products.

B. Instructions for Care and Maintenance: Manufacturer's recommendations for cleaning agents and methods, precautions against detrimental cleaning agents and methods, and recommended schedule for cleaning and maintenance.

C. Moisture protection and weather-exposed products: Include product data listing applicable reference standards, chemical composition, and details of installation. Provide recommendations for inspections, maintenance, and repair.

D. Additional information as specified in individual product specification sections.

E. Where additional instructions are required, beyond the manufacturer's standard printed instructions, have instructions prepared by personnel experienced in the operation and maintenance of the specified products.

3.07 OPERATION AND MAINTENANCE DATA FOR EQUIPMENT AND SYSTEMS

A. For each item of equipment and each system:
1. Description of unit or system, and component parts
2. Identify function, normal operating characteristics, and limiting conditions
3. Include performance curves, with engineering data and tests
4. Complete nomenclature and model number of replacement parts.

B. Where additional instructions are required, beyond the manufacturer's standard printed instructions, have instructions prepared by personnel experienced in the operation and maintenance of the specified products.

C. Panelboard Circuit Directories: Provide electrical service characteristics, controls, and communications; typed.

D. Include color coded wiring diagrams as installed.

E. Operating procedures: Include start-up, break-in, and routine normal operating instructions and sequences. Include regulation, control, stopping, shut-down, and emergency instructions. Include summer, winter, and any special operating instructions.

F. Maintenance requirements: Include routine procedure and guide for preventative maintenance and troubleshooting; disassembly, repair, and reassembly instructions; and alignment, adjusting, balancing, and checking instructions.

G. Provide servicing and lubrication schedule and list of lubricants required.

H. Include manufacturer's printed operation and maintenance instructions.

I. Include sequence of operation by controls manufacturer.

J. Provide original manufacturer's parts list, illustrations, assembly drawings, and diagrams required for maintenance.
K. Provide control diagrams by controls manufacturer as installed.
L. Provide contractor's coordination drawings, with color coded piping diagrams as installed.
M. Provide charts of valve tag numbers, with location and function of each valve, keyed to flow and control diagrams.
N. Provide list of original manufacturer's spare parts, current prices, and recommended quantities to be maintained in storage.
O. Include test and balancing reports.
P. Additional requirements: As specified in individual specification sections.

3.08 TRAINING

A. Demonstrate operations of systems, subsystems, and equipment.
B. Train in operation and maintenance of systems, subsystems, and equipment
C. Coordinate instruction schedule with Owner's operations. Adjust schedule as required to minimize disrupting Owner's operations and to ensure availability of Owner's personnel.
D. Submit written agenda to Construction Manager for approval prior to scheduling training.
E. Engage qualified instructors to instruct Owner's personnel to adjust, operate, and maintain systems, subsystems, and equipment not part of a system.

3.09 FINAL COMPLETION

A. A final completion checklist is attached for reference following this specification section.
B. Before requesting final inspection for determining date of Final Completion, complete the following:
    1. Complete punch list items.
    2. Prepare and submit project record documents, operation and maintenance manuals, damage or settlement surveys, and similar final record information.
    3. Deliver tools, spare parts, extra materials, and similar items to location designated by owner. Label with manufacturer's name and model number where applicable.
    4. Instruct Owner's personnel in operation, adjustment, and maintenance of products, equipment, and systems.
    5. All trailers, construction signs, unused, broken or demolition materials have been removed from the site and the premises returned to the original condition in the opinion of the Owner and Design Professional.
    6. Submit a final Application for Payment (retainage).
C. Upon receipt of final payment complete final completion certificate in Procore.

END OF SECTION

Substantial Completion Project Checklist

Date: _____

DAS Project Number: _____
Project Title: _____
Location: _____
Contractor: _____

In order to process the 99% payment (100% pay app less closeout and retainage) on a Capital Project, the Department of Administrative Services needs the following information. Please complete this form and obtain the necessary documents.

Have all state inspections been completed and documentation uploaded to Procore?
(Including but not limited to the following inspections)

Boiler Inspection	❑ **Yes**	❑ **No**	❑ **N/A**
Water Heater Inspection	❑ **Yes**	❑ **No**	❑ **N/A**
Energy Code Inspection	❑ **Yes**	❑ **No**	❑ **N/A**
Building Code Inspection	❑ **Yes**	❑ **No**	❑ **N/A**
Electrical Inspection	❑ **Yes**	❑ **No**	❑ **N/A**
Elevator Inspection	❑ **Yes**	❑ **No**	❑ **N/A**
Other: _____	❑ **Yes**	❑ **No**	❑ **N/A**

❑ **Occupancy Permit if applicable**

❑ **Test and Balance has been performed**

❑ **Certificate of Substantial Completion in Procore (Consensus Docs 814)**

Are there any disputes with the above mentioned vendor which need resolution?
❑ **Yes (provide description below)** ❑ **No**

_____
_____

Can payment (less closeout and retainage) be released? ❑ **Yes** ❑ **No**

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Final Completion Project Checklist

Date: _____

DAS Project Number: _____
Project Title: _____
Location: _____
Contractor: _____

In order to process the 100% payment and Retainage payment on a Capital Project, the Department of Administrative Services needs the following information. Please complete this form and obtain the necessary documents.

Have all Warranties been received? ❑ Yes ❑ No
Have the Operations and Maintenance Manuals been received? ❑ Yes ❑ No
Who is in possession of the O & M Manuals? _____
Has all training been completed? ❑ Yes ❑ No
Have all as-built drawings been scanned and uploaded into Procore? ❑ Yes ❑ No
Have electronic drawing/specification files been transferred to DAS? ❑ Yes ❑ No
Have all Test & Balance reports been received? ❑ Yes ❑ No
Have all punchlist items been corrected? ❑ Yes ❑ No

❑ **573 Notification** *(To be obtained from the general contractor):* Copy of general contractor's notification of application for retainage to all subcontractors and suppliers. General contractor must follow IAC 26 section 23.13.2.
❑ **AIA Form G706 – Contractor's Affidavit of Payment of Debts and Claims**
❑ **AIA Form G706A – Contractor's Affidavit of Release of Liens**
❑ **AIA Form G707 – Consent of Surety Company to Final Payment**
❑ **Certificate of Final Completion in Procore (Consensus Docs 815)**

Are there any disputes with the above mentioned vendor which need resolution?
❑ Yes (provide description below) ❑ No

_____
_____

Can 100% payment and retainage payment be released? ❑ Yes ❑ No

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SECTION 32 3113
VEHICLE LOCKING GATE SYSTEM & 2150 PEDESTRIAN SWING GATE

PART – 1 GENERAL

1.1 REFERENCE STANDARDS

A. ASTM F1083 - Standard Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures; 2018 (Reapproved 2022).

B. UL 325 - Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems; Current Edition, Including All Revisions.

1.2 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

B. The work in this section shall include furnishing all labor, materials, equipment and appliances necessary to complete all detention grade enclosed drive motorized sliding gate(s), detention grade pedestrian swing gate(s) and detention grade pedestrian sliding gate(s) required for this project in strict accordance with this section of specifications and drawings.

1.3 REFERENCES:

A. Underwriters Laboratory Vehicle Gate Operator Requirements (((UL 325))). (See 2.1 – D4)

B. American Welding Society AWS D1.1 / D1.1M Structural Welding Code. (See 1.05 – D2)

C. ASTM F 1083 Standard Specification for Pipe, Steel, Hot-Dipped Zinc Coated (galvanized) Welded, for Fence Structures. (See 1.05 – D1)

D. ASCE – 7: Minimum Design Loads for Buildings and Other Structures. (See 1.05 – D3)

1.4 DEFINITIONS:

A. Technical Advisor(s): An employee of the company producing the system who is certified in writing by the manufacturer to be technically qualified in design, installation, and servicing of the required gate systems. Personnel involved solely in sales do not qualify.

1.5 SUBMITTALS:

A. General: Submit following in according to Conditions of Contract and Division 1 Specification Section.

B. Product Data: Include details of construction relative to materials, dimensions of individual components, and gate. Provide roughing-in diagrams, operating instructions, and maintenance information. Include the following:

1. Setting drawings, templates, and installation instructions for built-in or embedded anchor devices.
2. Motors: Indicate nameplate data and ratings; characteristics; mounting arrangements; size and location of winding termination lugs, conduit entry, and grounding lug and coatings.
3. Detailed description of operation.

C. Shop Drawings: For special components and installations not dimensioned or detailed in manufacturer's data sheets.

1. Wiring Diagrams: Detail wiring for power, signal, and control systems. Differentiate between manufacturer-installed and field-installed wiring and between components provided by gate operator manufacturer and those provided by others.
2. Foundation details for operator.

D. CERTIFICATIONS:

1. Gate in Compliance with ASTM F1083 – Standard Specification for Pipe, Steel, Hot-Dipped Zinc Coated (galvanized) welded, for Fence Structures. (See 1.03 C)
2. Gate manufacturer shall provide independent certification as to the use of a documented Welding Procedure Specification and Procedure Qualification Record to insure conformance to the AWS D1.2 Welding Code. Upon request, Individual Certificates of Welder Qualification documenting successful completion of the requirements of the AWS D1.2 code shall also be provided. (See 1.03 – B).
3. Gate is to be designed to meet specified ASCE-7 Wind Load requirements with the gate in the closed and latched condition only. Typical gate design is expected to operate satisfactorily in winds up to 30 MPH. Depending on the gate panel infill, winds higher than 30 MPH may cause gate operational problems (if automated, operator entrapment may trigger, gate panel may not engage receiver). For sites with higher operational, non-typical, or specified wind loadings, manufacturer should be advised of the site conditions and a specifically engineered design will be offered. (See 1.03 – D).
4. The gate operator shall be in compliance with UL 325 as evidenced by UL listing label attached to gate operator. (See 1.03 – A)

E. Technical Advisor's Qualifications Data:

1. Name, business address and telephone numbers of technical advisor(s).
2. Written certification from gate systems manufacturer that advisor is technically qualified in design, installation and servicing of products.
3. Technical Advisor: The Technical Advisor (for each type of gate system) shall provide the following services:
    a. Render advice regarding, pre-construction discussions with other involved trades (controls and electrical contractors) and final adjustment of the gate system(s).
    b. Witness final system test and then certify with an affidavit that the gate system(s) is installed in accordance with the contract documents and is operating properly.
    c. Train facility personnel on the operation and maintenance of the gate system(s) a minimum of 2 one-hour sessions.
    d. Answer questions that might arise.

1.6 CONTRACT CLOSEOUT SUBMITTALS:

A. Operation and Maintenance Data for each Gate Type: Deliver 3 copies of instructions for operation, maintenance, recommendations, and parts manuals covering the installed products to the Owners Representative.

B. Certification: Deliver to the Owners Representative written certification from the manufacturer's technical advisor that the gate systems and accessories are installed and operating properly. Include System Acceptance Test Report as per specification 3.3.

C. Selected manufacturer shall furnish an extended 2-year warranty. The manufacturer shall warrant the operator parts against failure resulting from normal operation of the system for a period of 2 years from the date of purchase. "Failure" is defined as a factory defect, thereby preventing normal movement of the system.

PART -2 PRODUCTS:

2.1 VEHICLE SALLYPORT LOCKING SYSTEM(S):

A. Fully integrated detention grade overhead sliding gate system with enclosed drive and three-point mechanical locking capability. The entire assembly shall be encased in a hot-dip galvanized steel enclosure protecting both the drive and locking assemblies from possible inmate tampering and poor operation due to inclement weather. Detention grade sallyport locking system must be tamper resistant. Exposed drive systems (chain or rail drive) do not meet this requirement.

1. Gate manufacturer shall provide independent certification as to the use of a documented Welding Procedure Specification and Procedure Qualification Record to insure conformance with the AWS D1.1 Welding Code. Individual Certificates of Welder Qualification documenting successful completion of the requirements of the AWS D1.1M code shall also be provided.

B. MANUFACTURER:

1. Tymetal Corp. Model PLUSS is the design standard.
2. Southern Folger Model "J".
3. Engineer pre-approved equivalent enclosed drive three-point mechanical locking system meeting the requirements of 2.1-A.

C. SYSTEM DIMENSIONS:

1. Each overhead locking system shall have a clear opening height and clear opening width as shown on the detail drawings.

D. SYSTEM FUNCTIONS:

1. System is designed to operate overhead sliding device.
2. System shall be designed so that gate movement from the closed position is impossible except by electric or mechanical means.

E. VARIABLE SPEED-RATE of TRAVEL:

1. The vehicle locking system shall have the ability to achieve a maximum gate speed of 1.5 feet per second, and shall be equipped with soft-start and soft-stop function to prevent shock load to the gate panel and locking system. Gate speed shall be adjustable and as selected by the facility at the project site.

F. MOTOR:

1. Controller/motor assembly shall meet the requirements of UL 325 (See 1.03-A).
2. Motor Size: The electrical motor shall be 1 HP, 230VAC, 3 Phase as produced by a nationally recognized manufacturer.
3. AC Drive: The variable frequency drive unit shall allow for programmable speeds and programmable soft-start and soft-stop features.
4. Overload Protection: Motors shall be protected against overload by either a thermal or a current sensing overload device.
5. Gear (Box) Reducer: The self-enclosed gear-head gearbox shall be manufactured as a single unit, and shall consist of hardened steel, machine cut worm and mating bronze gear running in oil bath. Oil shall be #460 viscosity grade oil with a fluid pour point of –22 degrees F. The gearbox shall perform the following functions:
    a. Adjustable Clutching Device.
    b. Manual disconnect by crank handle.
6. Gear Box Heater: Operator shall include internal gearbox heater and a heater strip for the control box.
7. Manual Operation: A crank handle, located at ground level in the motor box, shall provide a two-step emergency procedure for manual operation:
    a. Unlock and open motor-box door.
    b. Fold out handle and crank gate opened or closed.
8. Limits: The operator shall be equipped with an integral limit system, providing accurate settings to control the open and close positions of the gate, and shall not be affected by manual operation or motor removal.
9. Control Circuit: U.L. listed operator shall have 5v dc controls.
10. Control wiring: Supply all exterior control wiring.
11. Audio Alarm: This alarm shall have a dual function.
    a. The first function shall be as a warning prior to gate movement. When the motor control board recognizes a command, this alarm shall be activated three (3) seconds before the motor is energized and the gate begins to move. This shall be continuously activated while the gate is in motion.
12. Main Power Disconnect Switch and Wiring Compartment: When this switch is in the OFF position, the main power shall be disconnected from the Variable Speed Drive, Motor Control Board and power transformer(s).
13. Speed: The gate operator speed shall be fully programmable allowing a maximum speed of 2.0 feet per second.
14. Operators shall have an isolated low voltage (24V) secondary circuit supplied by a Class II transformer (24 VDC with a .5 AMP) to provide separate power for external control devices.

G. MOTOR HOUSING:

1. Water Resistant Motor Box: The motor box shall be constructed of 10-gauge sheet steel, hot-dip galvanized per ASTM 123, gasketed and located at ground level for easy maintenance.
2. Security Hinges and Tamper Resistant Security Screws: Security hinges and screws shall be furnished to secure operator enclosure components.
3. Motor Box Lock: Motor box shall be locked with a mogul lock or paracentric dead lock. Lock type to be selected during the submittal process. Manufacturer to ship motor box with a construction key code. Contractor to furnish facility specific key code (keys and lock cylinders).

H. SYSTEM COMPONENTS:

1. Overhead Track Assembly:
   a. Manufacturer's structural steel shapes shall contain all the required components to support and encase both the drive and locking assemblies. The steel structural channels shall be hot-dipped galvanized after fabrication.
2. Bottom Guides: Bottom guides on plates: Bottom guides shall be constructed of 3/8" x 2 ½" (9.525 mm x 63.5 mm) flat steel, welded to a ¼" x 5" x 10 ½" (6mm x 127mm x 254mm) steel plate, shall be lagged to the concrete footing or as otherwise specified for vehicle crash gates.
3. Locking Column: The locking column is constructed of a W-4 "H" beam @ 13 lbs/lf (101.6 mm x 19.3 kg/m) with a removable steel cover, secured with security screws.
4. Locking Tangs: Three locking tangs to be affixed to the leading edge of the gate panel to provide positive locking into the locking column.
5. Posts: Double set of support posts shall be minimum 4" OD (102mm) galvanized steel with concrete footings as specified by the design team.
6. Gate Guide Angle: Gate guide angle shall consist of a 2 ½" x 1 ½" x ¼" (63.5 mm x 38 mm x 6.4 mm) steel angle attached to the bottom of the gate panel running its full length or as otherwise specified for vehicle crash gates.

I. VEHICLE GATE PANEL:

1. Gate panel shall be manufactured with galvanized steel pipe meeting the manufacturer's requirements. Gate frame shall be welded to form a rigid panel. Gate operator manufacturer must supply the gate panel equipment with truss rods.
2. Outer Support Members: SCH 40 (grade A) hot dip galvanized steel pipe 2.375" O.D. (60.3 mm) weighing 3.65 lbs. per. lin. ft. (5.4 kg/m). Grade B steel tubing 2.375" O.D. (73 mm) weight may differ depending on manufacturer. Product must be equal to SCH 40.
3. Inner Support Member: SCH 40 (grade A) hot dip galvanized steel pipe 2.375" O.D. (6.3 mm) weighing 3.65 lbs. per. lin. ft. (5.4 kg/m). Grade B steel tubing 2.375" O.D. (6.3 mm) weight may differ depending on manufacturer. Product must be equal to SCH 40.
4. Gate Panel shall be trussed in accordance with manufacturer's specifications.
5. Gate Panel Filler: Standard infill to be 2" x 2" x 9-gauge aluminized steel chain link.
   a. Other options for infill are available. Contact Tymetal for further options.

2.2 VEHICLE LOCKING SYSTEM SEQUENCE OF OPERATION:

A. Gate operation to be connected to the facility's existing security control system

B. Constant pressure on the pushbutton control, with the locking device in sight, is required as a primary entrapment protection device to keep the gate in motion. When the pushbutton is released, the gate will stop.

C. Controls for electrically interlocked sliding gates:

1. Electrically interlock gates in each sallyport to prevent unlocking of gate if any companion gate is in the unlocked position. Only one gate can be in the open position at any one time. Exception: a key operated interlock bypass switch allows gate(s) to be opened for maintenance without preventing operation of the companion gate(s). The key is non-removable when the interlock circuit is bypassed.
2. Control Functions: Control console will operate both gates. Gates shall be interlocked.
    a. Console Type: Console shall be for interior use, and shall be a desk mounted type.
    b. Gate Opening: Is initiated by pressing and holding the OPEN push-button.
    c. Gate Closing: Is initiated by pressing and holding the CLOSED push-button.
    d. Indication Lights: A green indication light illuminates when the gate is completely closed and locked. A red indication light illuminates under all other conditions.
    e. Resuming Movement: Gate movement may be resumed in either direction by pushing and holding the appropriate push-button.
3. Wiring: All wiring shall be concealed in proper conduit.
4. Emergency Manual Control: Manual control mechanism to permit the unlocking and manual operation of the sliding gates by means of a manual release.
5. Control Wiring: Coordinate all control wiring and conduit needs with the Electrical Contractor. The Electrical Contractor is responsible for all exterior electrical components.

D. The installing contractor shall be responsible to ensure that appropriate external primary entrapment safety devices be installed for the specific site conditions to protect all potential entrapment zones on vehicle gates.

2.3 FINISH:

A. Galvanizing:

a. All exposed system parts shall be zinc galvanized or as otherwise specified.

PART -3 EXECUTION

3.1 SITE INSPECTION:

A. Final grades and installation conditions shall be examined. Installation shall not begin until all unsatisfactory conditions are corrected.

3.2 INSTALLATION:

A. Equipment in this section shall be installed in strict accordance with the company’s printed instructions unless otherwise shown on the contract drawings.

3.3 FIELD QUALITY CONTROL:

A. General:

1. Pre-construction meeting that includes the factory construction manager.
2. Concrete Embedment: Factory supervisor shall be on site to inspect the work of the selected installation crew to insure compliance with manufacturer's specifications.
3. Commissioning: Facility staff training course shall last for a minimum time period of 4 hours and shall include the review of all installed systems, all controls and troubleshooting of any apparent or potential operation issues. Commissioning to be provided by factory staff only.

B. Preliminary System Test:

1. Preparation: Have the Technical Advisor adjust the complete system and then operate it long enough to assure that it is performing properly.
2. Run a preliminary test for each system:
   a. Determining whether the system is in a suitable condition to conduct the acceptance test.
   b. Checking and adjusting equipment.
   c. Training facility personnel.

C. System Acceptance Test:

1. Preparation: Notify the Owner's Representative at least three working days prior to the test so arrangements can be made to have a Facility Representative witness the test.
2. Test each system function step by step.
3. Supply all equipment necessary for system adjustment and testing.
4. Test and Explain Safety Features:
   a. Each system feature and device is a separate component of the gate system.
   b. Ensure that all instructions for mechanical components, safety devices and the gate operator are available for everyone who will be using the gate system.
   c. The warning signs shipped with the gate operator must be installed in prominent position on both sides of the gate.
5. Ensure the owner is clear with regard to the safety points concerning the basic operational guidelines of the safety features of the gate operator system. These safety points are listed in the operator manual and must be read prior to system use.
6. Submit written report of test results signed by Technical Advisor and the Owner's representative.

END OF SECTION