

FEBRUARY 15, 2019

FRANKLIN COUNTY, MISSOURI  
PURCHASING DEPARTMENT  
400 EAST LOCUST  
UNION, MISSOURI 63084

FGM ARCHITECTS INC.  
10 SOUTH BROADWAY, SUITE 1150  
ST. LOUIS, MISSOURI 63102

TO: PROSPECTIVE BIDDERS

SUBJECT: FRANKLIN COUNTY PUBLIC SAFETY FACILITY  
FGM Project No.: 18-2562.01

This addendum forms a part of the Bidding and Contract Documents and modifies the original bidding documents dated February 6, 2019. Acknowledge receipt of this addendum in space provided on Bid Form. Failure to do so may subject bidders to disqualification.

CLARIFICATION – SEE SECTION 13 42 64. PART 2 FOR BASIS OF DESIGN FOR ASSOCIATED PLUMBING, HVAC, AND ELECTRIC TO BE INCORPORATED WITH PRE-ENGINEERED STEEL DETENTION MODULES. SEE PLANS FOR CELL CONFIGURATION AND LOCATIONS. THE INTENT IS TO HAVE DETENTION EQUIPMENT CONTRACTOR FURNISH COMPLETED AND FUNCTIONAL DETENTION MODULE WITH ALL ACCESSORIES AND PARTS AS INDICATED IN THE DRAWINGS AND SPECIFICATIONS.

SPECIFICATIONS

1. SECTION 00-00-00: TABLE OF CONTENTS – REVISED: Include revised pages for updated table of contents.
2. SECTION 00-00-00: SCOPE OF WORK – REVISED: Includes updated language for the Scope of work and Bid form requirements. See attachment BP-2019-A3 ADD.02 – 8.5x11
3. SECTION 00-00-00: PRE-BID – ADD: Include the updated minutes and attendance sheet from the Pre-Bid meeting. See attachment BP-2019-A3 ADD.02 - 8.5x11
4. SECTION 00-00-00: CHANGE ORDER MARK-UP – REVISED: Includes updated language and requirements. See attachment BP-2019-A3 ADD.02 – 8.5x11
5. SECTION 00-00-00: AIA Document A101-2017 – REVISED: Includes changes to sections 4.2.2, 4.5.1, and 4.5.3. See attachment BP-2019-A3 ADD.02 – 8.5x11
6. SECTION 11-19-16 GUN LOCKERS: REVISED: Includes revised language to include 4, 8, and 16 compartment specifications. See attachment BP-2019-A3 ADD.02-8.5x11
7. SECTION 11-19-53 DETENTION DOOR HARDWARE: REVISED: Includes revised language to include 4, 8, and 16 compartment specifications. See attachment BP-2019-A3 ADD.02-8.5x11
8. SECTION 13-42-64 PRE-ENGINEERED STEEL DETENTION MODULES 2.5.2: REVISED: Light fixture shall be surface mounted type equal to Kenall SDA-4-0/0-2-45L40K-DCC-1-DV-9/1-2-IHF.

DRAWINGS

1. SHEET G1.0.1 SHEET INDEX
  - A. ADD A2.3.1d – DOOR AND FRAME SCHEDULE, TYPE AND NOTES
  - B. OMIT A6.1.3 – FIRST FLOOR RCP – AREA 'C'
2. SHEET A2.3.1d DOOR AND FRAME SCHEDULE, TYPES AND NOTES (DETENTION)
  - A. REVISE – Replace door schedule and notes with RA2.3.1d.2

3. SHEET A5.1.3d ENLARGED PLANS AND INTERIOR ELEVATIONS  
A. REVISE – Revised extents for showers B177, B173, & B176 per RA5.1.3d
4. SHEET A5.5.0d INTERIOR FRAMES AND ELEVATIONS  
A. REVISE – Replace detail K9/A5.5.0d with detail on RA5.5.0d.2
5. SHEET TE-01.ADD.02 TEMP. ELECTRIC TO COMMUNICATIONS TOWER  
A. INCLUDED FOR REFERENCE ONLY – NOT PART OF DETENTION SCOPE OF WORK

RESPONSES TO REQUESTS FOR INFORMATION

6. Should the 5% bid bond be made payable to Franklin County, Missouri, 400 E. Locust St., Union, MO 63048?

RESPONSE: YES

7. Submission Checklist, please confirm that (4) copies of bids are required, (1) original and (3) copies.

RESPONSE: Please submit (2) copies, (1) original and (1) copy.

8. Scope of Work, padded cells are listed under the Detention Modular Steel Cells heading, drawings show Cell Padding is applicable to cell rooms constructed of masonry. Please confirm no Detention Modular Steel Cells are to receive safety padding.

RESPONSE: Confirmed. The only cell padding will be in cells built of CMU walls.

9. Scope of Work, under Detention Modular Steel Cells, states "includes all detention plumbing fixtures...". Is intent for the modular cell supplier to furnish detention plumbing fixtures shown outside the Modular Steel Cell units, or only those fixtures integral to the Modular Steel Cell & Shower units (i.e. see room 'B174 – RR')?

RESPONSE: The Modular Steel Cell supplier should only provide the plumbing fixtures inside the cell and shower units they are providing.

10. Embedded items refer to section 04 20 00 – Unit Masonry which does not exist. Please confirm that any required Steel Embed block required for wall mount equipment at CMU partitions is to be furnish/installed by Others, and not the Detention Contractor.

RESPONSE: The masonry contractor should provide and install.

11. Specification only details a 6-compartment surface mount pistol locker, yet plan sheets depict the use of 16, 8, and 4 compartments, please advise.

RESPONSE: Refer to revised section 11 19 16 that shows 4, 8, and 16 compartment locker specifications.

12. Showers located in rooms B173 and B176 appear darker, whereas those in room B177 appear to be half-tone. Is this shown correctly, and only those showers in rooms B173 and B176 are to be furnished by the Detention Modular Steel Cell supplier?

RESPONSE: The showers in these 3 rooms are to be provided by the Detention Modular Steel Cell supplier. Refer to attached sheet RA5.1.3d.2 for enlarged plans.

13. Dayroom tables appear to be required, however tag EQ4 is not used as it is on other sheets to indicate 4-man table. Are tables shown on this sheet to be included?

RESPONSE: Yes, tables in B173, B176 and B178 are to be included and are to be labeled EQ-4.

14. Several openings listed on the Detention Door & Frame Openings schedule are lacking certain info. See attached. Hardware sets listed are suggested based on application of sets at similar locations.

RESPONSE: Refer to attached sheet RA2.3.1d.2 for revised door schedule items.

15. Opening 'E103B' located inside Programs room at plumbing chase at alternate padded cells is not listed, assume it's similar to opening EC102C at another plumbing chase at padded cell toilet, please advise.

RESPONSE: Refer to attached sheet RA2.3.1d.2 for addition of door E103B(d) to door schedule.

Respectfully,

A handwritten signature in black ink, appearing to read 'K. Meyer', with a stylized flourish at the end.

Kevin Meyer, AIA  
Project Manager

This addendum consists of 60 pages.

Attachments: BP-2019-A3 ADD.02 (8.5"x11") Items 1-7

Drawings: G1.0.1, A2.3.1d, RA5.1.3d.2, RA5.5.0d.2, TE-01.ADD.02

PROJECT MANUAL FOR

FRANKLIN COUNTY PUBLIC SAFETY FACILITY  
 ADDITIONS AND RENOVATIONS TO FRANKLIN COUNTY  
 SHERIFF'S OFFICE AND JAIL  
 No. 1 BRUNS DRIVE  
 UNION, MISSOURI 63084

DATE: February 15, 2019

<u>DIVISION</u>	<u>SECTION</u>	<u>TITLE</u>	<u>PAGES</u>
00		Table of Contents	Pages: 3
		<u>BIDDING &amp; CONTRACT REQUIREMENTS</u>	
		Franklin County Requirements: Schedule, Submission Checklist, Requirements, Scope of Work, Terms and Conditions Acknowledgement, Pricing Form, Floor Plan	Pages: 14
		Modification/Explanation for Change Order	Pages: 2
		AIA® Document A101™ - 2017	Pages: 22
		AIA® Document A201™ - 2017	Pages: 54
		Annual Wage Order No. 25	Pages: 3
		Franklin County Building Construction- Overtime Schedule	Pages: 7
		Franklin County Building Construction- Holiday Schedule	Pages: 3
		Heavy Construction Rates	Pages: 1
		Franklin County Heavy Construction- Overtime Schedule	Pages: 3
		Franklin County Heavy Construction- Holiday Schedule	Pages: 1
	00 01 15	Schedule of Drawings	Pages: 2
01		<u>GENERAL REQUIREMENTS</u>	
	01 10 00	Project Summary	Pages: 4
		Bidding RFI Form	Pages: 1
	01 23 00	Alternates	Pages: 2
	01 25 00	Substitution Procedures	Pages: 3
		Substitution Request Form, Bidding Phase	Pages: 1
	01 26 00	Contract Modification Procedures	Pages: 3
	01 29 00	Payment Procedures	Pages: 5

<u>DIVISION</u>	<u>SECTION</u>	<u>TITLE</u>	<u>PAGES</u>
	01 31 00	Project Management and Coordination	Pages: 8
	01 32 00	Construction Progress Documentation	Pages: 7
	01 33 00	Submittal Procedures	Pages: 9
	01 40 00	Quality Requirements	Pages: 8
	01 42 00	References	Pages: 3
	01 60 00	Product Requirements	Pages: 6
	01 73 00	Execution	Pages: 5
	01 77 00	Closeout Procedures	Pages: 5
	01 78 23	Operation and Maintenance Data	Pages: 8
	01 78 39	Project Record Documents	Pages: 4
	01 79 00	Demonstration and Training	Pages: 6
05		<u>METALS</u>	
	05 50 10	Detention Metal Fabrications	Pages: 10
	05 52 10	Detention Mezzanine Walkways, Railings and Stairs	Pages: 10
11		<u>DETENTION EQUIPMENT</u>	
	11 01 00	Detention Facility Work	Pages: 2
	11 19 05	Detention Equipment Contractor/General Provisions for Detention Work	Pages: 14
	11 19 08	Security Glazing	Pages: 10
	11 19 13	Detention Equipment	Pages: 8
	11 19 15	Detention Steel Doors and Frames	Pages: 20
	11 19 16	<b><u>Gun Lockers (rev. ADD.02 – 02/15/19)</u></b>	Pages: 2
	11 19 40	Detention Protective Padding System	Pages: 6
	11 19 50	Security Ceiling Assemblies	Pages: 8
	11 19 53	<b><u>Detention Door Hardware</u></b> <b><u>(rev. ADD.02 – 02/15/19)</u></b>	Pages: 18
	11 19 90	Woven Rod Security Barriers	Pages: 6
	11 19 93	Tamper-Roof Metal Fasteners	Pages: 4
13		<u>SPECIAL CONSTRUCTION</u>	
	13 42 64	Pre-Engineered Steel Detention Modules	Pages: 22
28		<u>ELECTRONIC SAFETY AND SECURITY</u>	
	28 05 00	Common Work Results for Electronic Safety and Security	Pages: 12
	28 13 00	Access Control System	Pages: 2
	28 23 00	IP Video Communications System	Pages: 6
	28 31 05	Auxiliary Control Systems	Pages: 2

<u>DIVISION</u>	<u>SECTION</u>	<u>TITLE</u>	<u>PAGES</u>
	28 46 19	Security Automation System	Pages: 6
	28 46 20	Video Graphic User Interfaces	Pages: 10
	28 49 00	Security System Turnover Training	Pages: 4
	28 51 23	IP Audio Communication System	Pages: 4
	28 60 00	Security System Turnover Training	Pages: 4

Specifier(s):

General: Kevin Meyer, AIA Phone 314.439.1601  
FGM Architects Inc.

Detention Systems  
Kim A. Bowman, aAIA Phone 260.424.9080  
ELEVATUS Architecture

END TOC.

## **2019-A3 Detention & Security**

The Franklin County Government is requesting bids from Firms to furnish, deliver, and install the detention and security scope detailed below for the Franklin County Sheriff's Department Renovation, Jail Addition, and EMA/911 Addition, located at 1 Bruns Lane, Union, Missouri 63084.

**Bidders shall submit (1) original and (1) copy of the following in a sealed envelope. Response label provided in the RFB shall be attached to the front of the envelope. Include:**

1. RFB Cover Sheet – Signed
2. Submission Checklist – Signed
3. Contractual Terms & Conditions Acknowledgement – Signed
4. Completed RFB Pricing Form – A – Signed
5. Bid Bond
6. A Company profile which should indicate the following:
  - a. number of years in business
  - b. number of employees
  - c. experience with the same size and type of projects, both new construction and renovations
  - d. three client references of your most recently completed projects
7. Contractor shall include a copy of their current Certificate of Insurance (COI)
8. List of Contractor's proposed subcontractors, suppliers of major scope, etc.
9. Ability to meet both the current anticipated production schedule and installation schedule outlined in this scope of work.

### **SCOPE OF WORK**

#### **General**

Franklin County plans to construct a new jail addition at the existing County Jail, construct a new EMA/911 dispatch addition, and renovate the existing Sheriff's department/jail. This bid package is to provide the detention and security scope throughout the new and renovated facilities as outlined in this scope of work. The County plans to issue subsequent bid packages for General Works (2019-A6), Mechanical (2019-A9), Electrical (2019-A10), Fire Protection (2019-A7), and Plumbing (2019-A8). It is required that the Detention and Security vendor coordinates closely with these other packages to maintain schedule of installation and procurement.

Coordination with the County's radio vendor, dispatch personnel, Sheriff's personnel, and design team is essential to maintain services to the Sheriff's department and dispatch facilities during the course of construction and renovations. The existing Sheriff's Department and Jail will be fully operational during the construction of the Jail addition & 911 Addition. Once the Jail and 911 additions are complete, the detention functions in the existing Jail will move into the new Jail addition. Once the existing Jail is vacated, renovations can commence in Phase 2. Once renovations in Phase 2 are complete, renovations can commence in Phase 3.

## Schedule

The anticipated schedule for this package is to be confirmed with receipt of the subsequent bid packages in late May. The current anticipated schedule is as follows:

Issuance of 2019-A3 Detention and Security Package	February 6, 2019
Receipt of 2019-A3 Detention and Security Package	February 26, 2019
Commission Award (NTP) of 2019-A3 Detention & Security Pkg	March 12, 2019
Submittal Package Due (20 business days after NTP)	April 9, 2019
Current expected delivery of Steel Cells	November 2019
Current expected Substantial Completion of Phase I	September 2020
Current expected Substantial Completion of Phase II	March 2021
Current expected Substantial Completion of Phase III	June 2021
Current expected Final Completion	June 2021

The project is expected to be completed in three phases:

- Phase I: New Jail Addition, New 911 Dispatch Addition, Renovation of Area 3 (Kitchen, Laundry, Dishwashing, Trustee Housing, Weekender Housing, and Women's Housing), and Site
- Phase II: Renovations of Existing Sheriff's Department and Jail for Area 5 (EMA), Area 6 (Evidence), Area 7 (Narcotics), Area 9 (Detectives).
- Phase III: Renovations of Existing Sheriff's Department for Area 8 (Sheriff's Administration) and Area 10 (Road Patrol)

### Perform the following scope:

Detention Hollow Metal Doors, Frames, and Hardware:

- Furnish and install of all detention hollow metal doors.
- Furnish only detention hollow metal frames and borrow lights.
- Furnish and install of Security glass/glazing at detention openings
- Furnish and install of detention door hardware
- Security ceiling assemblies (See bid alternate)
- Tamper-proof metal fasteners

Detention Modular Steel Cells:

- Standard wall construction of 12 gauge A60 galvalume plate on 16 gauge A60 galvalume studs with 11 gauge galvanized structural tubing and top construction of 10



gauge A60 galvanized floor and 12 gauge A60 galvanized ceiling with 16 gauge A60 galvanized studs.

- Includes polyurethane foam insulation
- Interior of cells to be coated in standard polyurea seamless coating
- Cell front and door prime painted
- Cells are front or rear mechanical chase units. Refer to drawings for locations.
- 42 Two-inmate housing modules
- 40 Four-inmate housing modules
- 17 Holding units
- 13 Double shower units (Including closeout panels & field installed coatings. Includes holding dress out unit)
- Cells and door frames included, swing doors with security glazing, prepped for two glazed openings, Security hinges included, food pass included.
- Includes wall mounted detention items such as bunks, desks, seats
- Includes **ALL** detention plumbing fixtures, grabrails, toilet accessories, mirrors, hooks, etc. that reside in the detention modules and as shown on the plans and specifications. **Fixtures in masonry walls by plumbing package. Model numbers in the specifications shall be provided.**
- Includes prep for sprinkler contractor
- Includes borrowed light window frames prepped for glazing.
- Includes cell light fixtures & lamps, conduit, and wiring harness to mechanical chase.
- Shower units to have field applied standard polyurea coating for a monolithic/seamless coating.
- Shower units include (typical and ADA where shown), collapsible handicap seat, suicide resistant grabbar, and shower curtain.
- Engineered/stamped drawings
- Provide pull tape in all empty electrical conduit
- Module Assembly:
  - Engineered to resist 300% of gravity.
  - Impact tested walls: ASTM F2322-12; Grade 1 rating.
  - Impact tested ceilings: ASTM F2697-15; Grade 1 rating.
- Module Furniture:
  - Static and dynamically tested module furniture.
- Module Equipment:
  - Large one-piece stainless steel mirror.
  - Door hinges.
- Module HVAC Grilles and Sleeves:
  - 10" x 10" CNC Punched into walls.
  - 3/16" holes in staggered configuration.
  - Integral collar for duct connection.
- Module Coatings:
  - Module Interior: Polyurea coating; Envirolastic AR425. Sherwin Williams.

- Module Interior: UV protection top coating; Fast-Clad DTM.
- Module Exterior: Universal prime coat; Pro-Cryl Universal Primer.
- Thermal and Acoustical Insulation:
  - 2.0 lb polyurethane foam on all horizontal surfaces.
  - 0.5 lb polyurethane foam in all enclosed cavities.
- Plumbing Clarifications:
  - Detention fixtures will be supplied to the plumbing contractor including flush valves, sink manifolds, p-traps, waste outlets, shower manifolds, and associated tubing. The plumbing contractor shall receive devices directly from the plumbing fixture manufacturer. Plumbing contractor responsible for all lost or damaged devices or associated parts. All plumbing parts must be installed per the manufacturer's instructions. It is recommended that all plumbing pipes and lines be flushed of debris before operation to prevent malfunction of the plumbing devices.
- Mechanical Clarifications:
  - Detention contractor to furnish and install sleeve at module grilles for duct connection.
- Electrical Clarifications:
  - Detention contractor to furnish and install of Surface Mounted Module Light Fixtures, Module Light Fixtures Fluorescent Lamps, Module Electrical Conduit Terminated in Junction Boxes in Access Chase, Module Electrical Wiring from Light Fixtures to Junction Boxes, Communication System Speaker Back Boxes

Detention Controls for all Cells- Complete modular cell controls system as follows:

- Submittal development, project coordination, engineering, owner submittal, panel assembly and programming.
- Providing (40 with 1 spare) modular control system back panels fully assembled with all necessary PLC processors, PLC I/O modules, door and audio relays, power supplies, data distribution modules and audio distribution modules.
- Programming, engineering and project management for modular control system.
- Providing (80 with 2 spare) cell intercom stations to cell manufacturer for installation by cell manufacturer.
- Providing all modular control system wiring harnesses to cell manufacturer for installation by cell manufacturer.
- Providing modular control cabinets to cell manufacturer for installation by cell manufacturer.
- Site installation of the modular control cabinet back panels and final terminations, head end equipment installation and terminations including final terminations of all low voltage wiring for all security electronics systems.
- System start-up, system testing, owner training and final documentation.
- Freight for shipping all materials to the project site and cell manufacturer.
- Security locking hardware and electronics

- 1 spare backplane assembly with wiring harness and 2 intercom stations
- NEMA rated modular control cabinets and completely wired and tested back planes with PLC, relays, terminal blocks and network switches
- Power supplies, data distribution modules and audio distribution modules.
- PLC programming as specified
- Cell intercom stations
- Module security hardware or electronics including but not limited to locks, sliding devices, door position switches, door pull handles, cameras, intercoms, or call buttons.
- UL508A integrator certification

#### Security Electronics:

- All costs for any specialty back boxes including equipment racks, cabinets, camera housings and speaker back boxes for this scope.
- Submittal development, project management, engineering, owner submittal/software review meetings, rack/panel assembly and programming.
- Factory witness test. Travel cost and expenses for factory witness test. (5 individuals total)
- Field device installation.
- Headend terminations.
- Final aiming and focusing of cameras.
- Providing necessary standard tooling, specialized tooling, security fasteners, ladders and lifts to accomplish installation of field devices and head end equipment.
- Operator station setup, system start-up, system testing, owner training and final documentation.
- Freight to the project site.
- Include in the base bid the furnish and installation of a push button watch tour system, to be integrated into the security automation system.
- Access Controls:
  - Basis of Design: AccuReader
  - Access system controllers and power supplies
  - Access system workstation
  - Access system badging camera, printer and software
  - Access system software
  - HID proximity card readers
  - HID proximity cards (minimum 100)
  - HID key-fobs (minimum 20)
  - Request to exit motion detectors
  - Request to exit push buttons
- Video Communication System:
  - Basis of Design: IP Video Communication System by Bosch
  - IP detention grade cameras
  - Qty (3) Surveillance work station computers and LCD monitors.

- Video management system software, application servers and storage arrays (Storage for recording of all cameras at 15 IPS for 60 days at the cameras native resolution.)
- Network switching equipment by HP
- Include in the alternate the furnish and install of cameras and microphones as well as Bosch video archiving software for 4 interview rooms.
- Auxiliary Control System & Security Automation System
  - Basis of Design: Modicon
  - Programmable Logic Controllers/door relay racks or cabinets wired and completely tested
  - PLC software
  - PLC programming
  - Network switching equipment
  - Door release push buttons
  - Spares as required
- Video Graphic User Interface
  - Basis of Design: InduSoft
  - Touch Screen operator stations including CPU, 24" LCD monitor and misc. equipment
  - InduSoft programming software and Indusoft IO/DA Servers
  - Touch screen system programming as specified
  - Security management system including CPU, 24" LCD monitor and report printer
  - InduSoft security management system software
  - Security management system programming
- IP Audio Communication System
  - Basis of Design: Quam
  - Audio racks wired and completely tested
  - Intercom master stations
  - Paging speakers, back boxes and security grills
  - Intercom stations
  - Call buttons
  - Intercom pedestal

Miscellaneous Security and Detention Scope:

- Miscellaneous detention equipment as indicated on the drawings, ie: tables, stools, benches, gun lockers, etc.
- Bid Bond of 5% to be submitted at the time of the bid
- 100% Payment and Performance Bond included (cost of bond to be included in the base bid of this package)
- Receiving, unloading, distribution, and installation of the steel detention modules.
- Flag men for transport trucks.

- Freight, delivery, unloading, crane/equipment as needed, installation of modules to closure plates.
- Furnish and install detention protective padding systems for 2 cells included in base bid. (See bid form for bid alternate to furnish and install cell padding for 2 ADDITIONAL cells above and beyond the base bid.)
- This contractor to design, prep, install, and remove mud slabs necessary for unloading, staging, and assembly of cells.
- This contractor to furnish all welders necessary for the installation of this scope of work. This contractor to make arrangements for the power for such welders, either through generators provided by this contractor or through independent payment to the electrical contractor onsite.
- This contractor is responsible for the structural engineering design of the mezzanine connection to the steel cells and to coordinate that connection with the final mezzanine supplier either through this package or through the General Works package.
- This contractor shall include in the base bid price a coordination allowance of \$50,000. Allowance shall include all overhead, profit, and fees. Any savings to this allowance shall also include the associated overhead, profit, and fees.

2019-A3 Detention & Security Exclusions (Provided under separate bid packages):

- Installation of detention hollow metal frames and borrow lights.
- Security caulking
- Grouting hollow metal
- Skylight enclosures
- Finish paint of cell fronts and inside/outside of cell door
- Evidence lockers
- HVAC Dampers/Louvers.
- All noted fire ratings.
- Caulking of security glazing at borrowed lights and doors.
- Mezzanine walkway, stairs, stair handrails, or walkway handrails at mezzanine level modules (see alternates)
- Supply and/or installation of module sprinkler piping or heads.
- Pre-installation of plumbing devices (Valves or manifolds)
- Shim anchors.
- Interim protection of the steel detention modules after installation and during the construction of the project.
- Protection from the weather.
- Protection from vandalism and abuse or misuse by the other trades.
- Final cleaning of the modules including but not limited to glazing, painted surfaces, furniture, and/or equipment.
- Damage to the modules during or after installation and/or on site storage including but not limited to damage to the module paint coatings and/or equipment.
- Damaged or missing installation and/or plumbing and electrical parts.

- Security sealants needed to fill the gap between the bottom of each module and the module floor.
- Finish paint of module fronts, module doors (interior and exterior) and cover-plates.
- Lower module floor sealers or coatings.
- State and local sales taxes or fees.
- Division 26 electrical contractor shall supply and install a complete raceway system to connect modular control cabinets located in rear chase to head end equipment rack in the associated equipment room.
- Spare controls parts
- The electrical contractor shall be responsible for all 120/208/240 VAC branch circuits including conduit, wiring and connections from power distribution panels through UPS systems, terminal strips and/or receptacles in electronic control panels and/or electronic system devices.
- Cost to provide and install a complete raceway system. The raceway system shall include but not be limited to conduit, wire troughs and flex conduit.
- Installation of equipment racks and cabinets, with connections to raceway system.
- Fiber optic cable patch panels.
- Fiber “end” termination and testing.
- Video visitation System, Video arraignment systems, video teleconferencing systems, A/V systems and tele/data systems.
- UPS systems, by-pass switches or distribution panels

This contractor is highly encouraged to visit the site to review transport path, accessibility, etc. Kickoff meeting will be held onsite with awarded contractor, owner’s representative, other bid package prime contractors, and the design team prior to performance of work.

#### **Additional Services**

Contractor to provide an unconditional guarantee against defect of all workmanship and material for a period of one year from date of acceptance by the County. Any standard manufacturer warranties in excess of 1 year should be included per standard warranty durations.

#### **Exhibits**

Drawings and Specifications issued by FGM Architects dated February 1, 2019

Sheet TE01 dated 02-01-2019 (Addendum 2)

Draft AIA 101-2017 and AIA 201-2017

Change Order Markup Explanation

Prevailing Annual Wage Order No. #25 for Franklin County, MO

Diagram of Phasing

**RFB PRICING FORM – A**  
**2019-A3 Detention & Security**

**REQUIRED PRICING BID BREAKDOWN**

The contractor shall complete the following pricing table and provide firm, fixed pricing necessary to meet the mandatory requirements of the RFB.

A. Total Cost of Work \$ \_\_\_\_\_

B. Bid Alternates (Prices to be held until June 15, 2019):

1. Add Furnish and install 2 sets of pads for padded cells. \$ \_\_\_\_\_

2. Add Monthly storage rate for steel cells \$ \_\_\_\_\_/mo

3. Add One Time Storage Loading/Unloading Charge \$ \_\_\_\_\_

4. Add Furnish and install all security ceilings (12ga plank) \$ \_\_\_\_\_

5. Add Furnish Mezzanine walkway, walkway handrails, mezzanine stairs, and stair handrails at mezzanine level modules. \$ \_\_\_\_\_

6. Add Install Mezzanine walkway, walkway handrails, mezzanine stairs, and stair handrails at mezzanine level modules. \$ \_\_\_\_\_

7. Add Furnish and install Security Woven Rod Barrier/Screen (Basis of Design: Kane Innovations) at Mezzanine \$ \_\_\_\_\_

8. Deduct Push Button Watch Tour System \$ \_\_\_\_\_

C. Lead Times

- 1. Steel Cells:
  - a. Lead time for receipt of submittals after NTP (working days): \_\_\_\_\_
  - b. Fabrication lead time after submittal approval (working days): \_\_\_\_\_
  - c. Anticipated delivery time after fabrication (working days): \_\_\_\_\_
  - d. Anticipated installation duration after delivery (working days): \_\_\_\_\_
- 2. Misc Detention Frames & Hardware:
  - a. Lead time for receipt of submittals after NTP (working days): \_\_\_\_\_
  - b. Fabrication lead time after submittal approval (working days): \_\_\_\_\_
  - c. Anticipated delivery time after fabrication (working days): \_\_\_\_\_

Company Name \_\_\_\_\_  
Authorized Signature \_\_\_\_\_  
Printed name and title \_\_\_\_\_

Franklin County reserves the right to request supporting documentation for the proposed pricing. In addition, it may be necessary to evaluate the bidder’s expertise and experience in order to award a bid. Franklin County reserves the right to request reference information and/or proof of expertise if necessary.

2019-A3 Detention and Security

Site Review 02/11/2019 11AM

Jen Kissinger

Navigate

Name

Company

Tim Graham

Navigate

Name

Company

Jesse Sheehan

Navigate Bldg Sol.

Name

Company

Nick Henry

Paully Jail Bldg Co.

Name

Company

Bob Porter

Paully Jail BUILDING Co.

Name

Company

Nick Beishir

F&M Architects

Name

Company

Bob Williams

Hackett Security

Name

Company

MIKE WINTER

ABF SECURITY

Name

Company



2019-A3 Detention and Security

Site Review 02/11/2019 11AM

Abraham Cook Franklin County, Mo  
Name Company

Ann Struttmann Franklin County  
Name Company

\_\_\_\_\_  
Name Company

\_\_\_\_\_  
Name Company

\_\_\_\_\_  
Name Company

\_\_\_\_\_  
Name Company

\_\_\_\_\_  
Name Company

\_\_\_\_\_  
Name Company

# 190211 2019-A3 Detention and Security Pre-Bid Meeting

Attendees: See Sign-in Sheet

Reviewed the RFB document with attendees.

Directed potential bidders to the County's website or Drexel for documents.

Bids are due on the 26th at 9 am, open at 10 am. RFB Cover sheet was updated in Addendum No. 1.

Submits bids to the procurement department at the County on the ground floor. A public bid opening will occur at 10am on the top floor in the County commission chambers.

Bid RFI's due on the 13<sup>th</sup>.

Deadline to post last addendum is Friday the 15th at 4:30pm.

See submission checklist in the RFB.

5% bid bond required. Cost of 100% P&P Bond required.

Prevailing wage order #25 for Franklin County, MO is in effect.

Detailed scope of work in bid form.

NTP is expected to be March 12, 2019.

May be able to move up area 8 and 10 of the phasing diagram to start immediately after the 911 addition.

No loading dock height delivery available onsite.

Bidders need their own flagmen to avoid internal traffic and traffic at Highway 47 for large deliveries.

See contract draft in the RFB. Bidders are expected to execute contract upon award.

See CO markup explanation sheet in the RFB.

Phasing diagram is included in the RFB.

Terms and Conditions Acknowledgement is to be signed.

Must use pricing sheet provided in the RFB and must sign it.

Alternates/bid info discussed in the meeting.

Will issue sign in sheet with addendum 2, will also have some hardware and specification updates.

Will add prep and install mudslab to load and unload and stack the cells to this RFB by addendum.

Generators must be gas if we don't have enough power and design connection at mezz part of this RFB package.

Gun locker counts and locations are on documents.

Requested in the pre-bid meeting:

Need plumbing fixture specs/model numbers.

Need plumbing fixture schedules.

Remaining bid packages will be available April 1<sup>st</sup> .

Created with Microsoft OneNote 2016.

## **Franklin County Jail and 911 Dispatch Addition and Sheriff Renovation Modification/Explanation to the Change Order Fee**

The maximum that will be allowed for overhead and profit on changes in work shall be as follows, expressed as a percentage of the basic cost of the change. The allowable percentages for profit or overhead may be less, depending on the nature, extent or complexity of the change, where the percentage is not commensurate with the responsibility and administration involved (such as the Contractor merely processing substantial Change Order to a Subcontractor) but in no event shall they exceed the following:

To the Contractor and/or its Subcontractor for work performed with their own forces 12%

To the Contractor for work performed by other than its own forces 5%

To the Subcontractor/Supplier for work performed with their own forces 12%

To the Subcontractor/Supplier for work performed by other than its own forces 5%

Not more than above specified percentages for overhead, profit and commission will be allowed to be added to the basic cost, regardless of the number of tiers of Contractors, Subcontractors or Sub-subcontractors.

The burden on labor may be indicated as a dollar/cents addition to the hourly rate or may be expressed as a percentage of the extended hourly rate costs. If required by the Owner, the Contractor shall provide a detailed breakdown to justify the labor burden. The Owner reserves the right to reject any labor burden which is inconsistent with other similar contractors or where the cost of fringe benefits are in excess of established labor agreements.

Material, equipment, and supply costs shall be quoted at the actual cost to the Contractor, or Subcontractor. Upon request, the Contractor (or Subcontractor) shall submit evidence to substantiate the costs. Said costs shall be quoted at trade discount prices, with quantity discounts also applied where the quantities warrant. In any proposal with material, equipment and supply credit, the credit shall be based on the actual Contract cost of the material (including trade and quantity discounts) less any charges actually incurred for handling or returning a material which has been delivered.

The percentages allowed for overhead and profit herein shall be deemed to include, and no further addition allowed the Contractor, Subcontractor or Sub-subcontractors for: (1) field and office supervision and administration, including the field superintendent and non-working foremen; (2) general insurance; (3) use or replacement of tools; (4) shop burden; (5) engineering costs; (6) performance (guaranty) and labor/material payment bonds; (7) cost of safety measure (including those imposed by OSHA); (8) permits, unless a new permit type is required.

Cost changes shall be computed by determining the basic costs enumerated below (as further specified under this Subparagraph), to which the overhead may be added, then the profit figure may be added, and finally adding the sales tax on materials if allowable.

For changes in the Work, the cost shall be determined as provided under this section. The Contractor shall submit an itemized list of quantities with the applicable unit costs and extended price for each, in such form and detail as required by the Owner. As a minimum, the detailed breakdown shall include and indicate the items enumerated below. Items (a) and (b) constitute the cost of labor, and items (a), (b), (c) and (d) constitute the basic costs referred to under this section.

a) Labor costs, itemized by each trade involved, showing the hourly rates for each, and the hours required for the change. Labor rates shall be the same for extra and credit computations and shall be the actual rate paid the workmen in accordance with established management labor agreements.

b) Burden on labor, which shall be only the actual costs of mandatory fringe benefits required by established agreements, taxes on labor, worker's or workmen's compensation, insurance on labor

as affected by payroll, unemployment taxes and insurance, including FICA and FUTA. No other costs will be allowed as burden on labor.

- c) Quantities of materials, equipment, and supplies, at their actual costs, with unit costs indicated.
- d) The cost of subcontracted work computed in the same way as provided for under this section.
- e) Overhead, profit and commission as set forth herein.
- f) Applicable sales tax on materials, added after the above computations are complete.

Subcontractors (or Sub-subcontractors) shall compute their costs in the same way and are subject to the same conditions of what may be included in the cost and the same maximum percentages for overhead and profit. To the Subcontractor's price, the Contractor may add up to a maximum of five percent (5%). For changes involving work of the Contractor with its own forces and work by a Subcontractor (or Sub-subcontractor), the commission shall be applied directly to the Subcontractor's price, with the overhead and profit figure applied only to the Work the Contractor performs with its own forces.

For changes involving both extra and credit amounts, the overhead and profit, or commission, shall be applied only to net difference where the extra exceeds the credit.

For changes resulting in a credit in the basic costs, a reasonable allowance for overhead, profit or commission may be required to be credited to the Owner, as approved by the Owner. In general, no credit for overhead, profit or commission will be required where the net change credit is minor or where the Change in Work indicates it is reasonable that no credit be allowed to the Owner due to the effort, cost or responsibility of the Contractor. In the event of substantial subcontract credits or for Work the Contractor does not provide or perform, a reasonable overhead, profit or commission credit shall be allowed to the Owner, as determined by the Owner.

If anytime, Contractor is directed to proceed in writing by the Owner or Owner's Representative on a time and material basis for a change. The Contractor must notify Owner's Representative when work is beginning, when it is complete and daily tickets must be submitted as backup documentation. Daily tickets to be signed daily and verified by the Contractor's onsite superintendent and submitted daily to the Owner's Representative. Any change order request submitted without these daily signed tickets will be rejected and will not be compensated.

Additional scope that is authorized to be completed on a T&M basis on behalf of the Owner, shall be documented as follows:

- a) Contractor shall issue daily tickets identifying hours worked, classification of worker, materials used, internally or externally rented equipment, and subcontractors utilized.
- b) The additional scope should be delineated from the base bid scope.
- c) Hours worked shall be verified by the General Contractor's Superintendent and/or Authorized Owner's Representative and indicated by signature on daily work tickets.
- d) There should be a separate ticket for each day that additional scope of work takes place.
- e) Unit costs, material costs and rental rates will be evaluated accordingly to typical market value.
- f) The contractor is responsible for expending costs with the Owner's best interest in mind.



# AIA<sup>®</sup> Document A101<sup>™</sup> – 2017

## Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum

**AGREEMENT** made as of the **TBD** day of May in the year 2019  
(In words, indicate day, month and year.)

**BETWEEN** the Owner:  
(Name, legal status, address and other information)

Franklin County, Missouri  
400 E. Locust St.  
Union, MO 63084

and the Contractor:  
(Name, legal status, address and other information)

**TBD**

for the following Project:  
(Name, location and detailed description)

Additions and Renovations to the existing Franklin County  
Sheriff Station, Jail, and Communication Center  
**Detention & Security Bid Package 2019-A3**

The Architect:  
(Name, legal status, address and other information)

FGM Architects, Inc.  
10 S. Broadway  
St. Louis, MO 63102

The Owner and Contractor agree as follows.

### ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

~~The parties should complete A101<sup>™</sup>–2017, Exhibit A, Insurance and Bonds, contemporaneously with this Agreement. AIA Document A201<sup>™</sup>–2017, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.~~

Init.

**AIA Document A101<sup>™</sup> – 2017.** Copyright © 1915, 1918, 1925, 1937, 1951, 1958, 1961, 1963, 1967, 1974, 1977, 1987, 1991, 1997, 2007 and 2017 by The American Institute of Architects. **All rights reserved. WARNING: This AIA<sup>®</sup> Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA<sup>®</sup> Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.** This document was produced by AIA software at 09:46:12 ET on 12/03/2018 under Order No. 3126404119 which expires on 03/21/2019, and is not for resale.

**User Notes:**

(3B9ADA3B)

## TABLE OF ARTICLES

- 1 THE CONTRACT DOCUMENTS
- 2 THE WORK OF THIS CONTRACT
- 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- 4 CONTRACT SUM
- 5 PAYMENTS
- 6 DISPUTE RESOLUTION
- 7 TERMINATION OR SUSPENSION
- 8 MISCELLANEOUS PROVISIONS
- 9 ENUMERATION OF CONTRACT DOCUMENTS

### EXHIBIT A INSURANCE AND BONDS

#### ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary, and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement, and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations, or agreements, either written or oral. An enumeration of the Contract Documents, other than a Modification, appears in Article 9.

#### ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

#### ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

**§ 3.1** The date of commencement of the Work shall be:  
*(Check one of the following boxes.)*

- The date of this Agreement.
- A date set forth in a notice to proceed issued by the Owner.
- Established as follows:

The date of commencement of the Work shall be fixed in a notice to proceed issued by the Owner or shall be the date of this Agreement, whichever is issued first.

**§ 3.2** The Contract Time shall be measured from the date of commencement of the Work.

#### **§ 3.3 Substantial Completion**

Init.

/

**§ 3.3.1** Subject to adjustments of the Contract Time as provided in the Contract Documents, the Contractor shall achieve Substantial Completion of all work inside the existing buildings, bid alternates, anticipated soil treatment/remediation identified on the bid form, and associated Site Work:  
(Check one of the following boxes and complete the necessary information.)

Not later than **TBD ( TBD ) calendar** days from the notice to proceed, issued by the Owner, and subject to any time extensions permitted hereunder for excusable delays or Owner requested changes.

By the following date:

**§ 3.3.2** If the Contractor fails to achieve Substantial Completion as provided in this Section 3.3, liquidated damages, if any, shall be assessed as set forth in Section 4.5. Such damages shall be in addition to, and not in lieu of, any other rights or remedies Owner may have against Contractor for failure to timely achieve Substantial Completion, and damages for failure to achieve Substantial Completion and failure to achieve Final Completion may run concurrently. If the Work is not finally completed by the time stated in the Agreement, or as extended, no payments for Work completed beyond that time shall be made until the Project reaches Final Completion.

**§ 3.3.3** The Contractor shall also include within the **TBD (TBD)** calendar days an allowance of **Thirty (30)** Calendar days for delays due to weather.

#### **ARTICLE 4 CONTRACT SUM**

**§ 4.1** The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be **TBD (\$)**, subject to additions and deductions as provided in the Contract Documents.

#### **§ 4.2 Alternates**

**§ 4.2.1** The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner:

<b>Item</b>	<b>Price</b>
Base Bid including Performance & Payment Bond	<b>TBD</b>

**§ 4.2.2** The Owner reserves the Right to accept the following alternates through the Change Order Process post execution of this Agreement for the amounts below. This Contractor will advise the Owner on when these decisions need to be made in order to not delay the Project. Contractor must hold prices for these Alternates until **June 15, 2019**

<b>Item</b>	<b>Price</b>	<b>Conditions for Acceptance</b>
<b>Alternate No. 1: Description</b>		
<b>Alternate No. 2: Description</b>		
<b>Alternate No. 3: Description</b>		
<b>Alternate No. 4: Description</b>		
<b>Alternate No. 5: Description</b>		
<b>Alternate No. 6: Description</b>		

**§ 4.3** Allowances, if any, included in the Contract Sum:

Item

Price

§ 4.4 Unit prices, if any:

*(Identify the item and state the unit price and quantity limitations, if any, to which the unit price will be applicable.)*

Item

Units and Limitations

Price per Unit (\$0.00)

§ 4.5 Liquidated damages, if any:

*(Insert terms and conditions for liquidated damages, if any.)*

§4.5.1 Contractor understands that time is of the essence for the Owner as to the deadlines set forth in this Contract, that Owner will be harmed if Contractor fails to complete the Project in timely manner, that precise quantification of damages for such harm would be difficult, and the amounts specified herein as Liquidated Damages for delay are reasonable. Contractor shall be responsible to maintain scheduled items for the Contractor's work as shown in the Contract Documents. In the event that the Contractor does not substantially complete the work within the additions, existing building and associated site work by the required Substantial Completion dates, the Contractor agrees to pay the Owner, or to deduct from the Contract Sum, not as a penalty, but as liquidated damages, the amount of \$1,500 for each and every calendar day that Substantial Completion is delayed.

Init.

/

User Notes:

(3B9ADA3B)



§ 4.5.2 If Contractor shall neglect, refuse, or fail to complete the remaining work and closeout documents within Thirty (30) calendar days after Substantial Completion (including any proper extension granted by the Owner), Contractor shall pay the Owner the stipulated sum of Five Hundred Dollars (\$500) for each day that expires after the time specified for completion & readiness for final payment.

§ 4.5.3 If the Contractor shall neglect, refuse, or fail to submit the project submittals within **Twenty (20) business** days after Notice to Proceed (including any proper extension granted by the Owner), Contractor shall pay the Owner the stipulated sum of Five Hundred Dollars (\$500) for each day beyond the **Twenty (20) business** days milestone.

§ 4.6 Other:

*(Insert provisions for bonus or other incentives, if any, that might result in a change to the Contract Sum.)*

## ARTICLE 5 PAYMENTS

### § 5.1 Progress Payments

§ 5.1.1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:

§ 5.1.3 Provided that a draft Application for Payment is received electronically by the Architect and the Owner's Representative not later than the 20th day of the invoicing month and subsequently recommended for approval, and the official Application for Payment is received by the Architect not later than the first day of a month, the Owner shall make payment of the amount certified to the Contractor not later than the last day of the same month. If an Application for Payment is received by the Architect after the application date fixed above, payment of the amount certified shall be made by the Owner not later than Thirty ( 30 ) days after the Architect receives the Application for Payment. Notwithstanding the above, payments will be made as soon as practicable after the board meeting of the Owner's Board of Education following receipt of the invoice. In no case will payment be delayed more than thirty (30) days. Moreover, if Owner is entitled to deduct damages or amounts provided in the Contract Documents, including clean-up fees, then Owner shall be entitled to deduct such damages, amounts and fees at any time *(Federal, state or local laws may require payment within a certain period of time)*.

§ 5.1.4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Architect may require. This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment. If Contractor fails or refuses to complete the Work, or has unsettled claims with Owner, any payment to Contractor shall be subject to deduction for such amounts as the Architect shall determine as the cost for completing incomplete Work and the value of unsettled claims.

§ 5.1.5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

Applications for Payments shall be submitted on AIA Documents G732 and G703. In the event of a dispute with regard to any item included in an Application for Payment, the Owner shall make payment

Init.

for items not in dispute and shall have the right to withhold from payment the amount of such disputed item while the parties attempt to resolve the dispute in accordance with the dispute resolution provisions provided for in the Contract Documents.

Such applications shall include:

- Certified Payrolls, An original accounting of all labor rates and hours of Work
- Invoices for all materials, rental equipment, and Contractor's statements.
- Copies of Contractor's daily log
- Compliance with prevailing wage laws as per annual wage order issued with this contract
- If invoicing for stored materials that have not been delivered to the project site, the following must be provided: proof of stored materials including certificate of insurance for facility where materials are stored, photographs of such materials, materials are labeled with signs indicating materials are "Property of the Union School District" and copies of invoices for materials from the vendors/supplier.

**§ 5.1.6** In accordance with AIA Document A201™–2017, General Conditions of the Contract for Construction, and subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

**§ 5.1.6.1** The amount of each progress payment shall first include:

- .1 Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of Five Percent (5%) Pending final determination of cost to the Owner of Changes in the work, amounts not in dispute shall be included as provided in Section 7.3.9 of AIA Document A201-2017, General Conditions of the Contract for Construction;
- .2 Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction, or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing, less retainage of Five Percent (5%);
- .3 Subtract the aggregate of previous payments made by the Owner; and
- .4 Subtract amounts, if any, for which the Architect has withheld or nullified a Certificate for Payment as provided in Section 9.5 of AIA Document A201-2017.

**§ 5.1.6.2** The progress payment amount determined in accordance with Section 5.1.6.1 shall be further modified under the following circumstances:

- .1 Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to the full amount of the Contract sum, less such amounts as the Architect shall determine for incomplete Work, retainage applicable to such work and unsettled claims; and
- .2 Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with Section 9.10.3 of AIA Document A201-2017.

*(Paragraph Deleted)*

### **§ 5.1.7 Retainage**

**§ 5.1.7.1** For each progress payment made prior to Substantial Completion of the Work, the Owner may withhold the following amount, as retainage, from the payment otherwise due: 5%

**§ 5.1.7.1.1** The following items are not subject to retainage: None

Init.

**§ 5.1.7.2** Reduction or limitation of retainage, if any, shall be as follows:

*(If the retainage established in Section 5.1.7.1 is to be modified prior to Substantial Completion of the entire Work, \ including modifications for Substantial Completion of portions of the Work as provided in Section 3.3.2, insert provisions for such modifications.)*

None

**§ 5.1.9** Except with the Owner's prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

At the time of this agreement, there are no known advance payments requested.

## **§ 5.2 Final Payment**

**§ 5.2.1** Final payment, constituting the entire unpaid balance of the Contract Sum minus disputed sums and authorized deductions, shall be made by the Owner to the Contractor after

- .1 the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Article 12 of AIA Document A201–2017, and to satisfy other requirements, if any, which extend beyond final payment; and
- .2 a final Certificate for Payment has been issued by the Architect.
- .3 The Contractor has completed all punchlist items to the satisfaction of the Owner's Representative, Architect and Owner.
- .4 The Contractor has delivered all closeout Documentation required under the Contractor Documents, which include (1) original-final release of claims from Contractor (AIA G706 and G706A), in triplicate-operation and maintenance instructions/manuals; (4) original's of final certified payrolls from Contractor and all lower tier'd subcontractors, (1) original affidavit of compliance with prevailing wage laws from contractor and all lower tiered subcontractors, schedules, in triplicate equipment manuals, in triplicate marked up record documents, and in triplicate other closeout documents reasonably required by the Owner.

**§ 5.2.2** The Owner's final payment to the Contractor shall be made no later than 30 days after the vote of the Owner's Board of Education, or as follows:

## ARTICLE 6 DISPUTE RESOLUTION

### § 6.1 Initial Decision Maker

The Architect will serve as the Initial Decision Maker pursuant to Article 15 of AIA Document A201–2017, unless the parties appoint below another individual, not a party to this Agreement, to serve as the Initial Decision Maker. Any claims or disputes between the parties of this agreement arising from or relating to this agreement or breach thereof, shall, as a condition prior to binding litigation, shall be submitted to non-binding mediation. The mediator’s fees and expenses and any costs associated with the mediation shall be borne equally by both parties. Each party shall be responsible for paying its own costs, expenses, and attorney fees related to participating in the mediation. Disputes under this agreement shall be exclusively litigated in the Circuit Court for Franklin County, Missouri. *(If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, if other than the Architect.)*

### § 6.2 Binding Dispute Resolution

Any Claim, dispute or other matter in question or arising out of or related to this Contract that is not resolved by the determination of the Initial Decision Maker pursuant to Article 15 of AIA Document A201–2017 shall be mediated as provided in Section 15.3 thereof. If either party so desires, or if mediation fails to resolve the dispute, the dispute may be resolved by litigation.

If the Owner and Contractor do not select a method of binding dispute resolution, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.

## ARTICLE 7 TERMINATION OR SUSPENSION

§ 7.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201–2017.

§ 7.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2017.

## ARTICLE 8 MISCELLANEOUS PROVISIONS

§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A201–2017 or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.

§ 8.31 The Owner’s representative:  
*(Name, address, email address, and other information)*

Init.

The Owner has retained Navigate Building Solutions, LLC as its Construction Manager for the project. The Contractor shall cooperate with the Construction Manager's Representative to the same extent as the Owner.

**§ 8.3 The Contractor's representative:**

*(Name, address, email address, and other information)*

TBD

**§ 8.3.3** Neither the Owner's nor the Contractor's representative shall be changed without ten days' prior notice to the other party.

**§ 8.4 Compliance with Laws:**

**§ 8.4.1** The Contractor shall comply with all local, state, and federal laws, rules, and regulations applicable to the provision of services and products under the Contract, including but not limited to: the Americans with Disabilities Act, employment discrimination laws, wage and hour laws (including as required by Sections 290.210 et seq. R.S.Mo.), the transient employer financial assurance law (Sections 285.230 et seq. RSMo.), and public contracting laws. The Contractor affirmatively states that payment of all local, state, and federal taxes and assessments owed by the Contractor is either current or under lawful protest with the applicable taxing jurisdiction.

**§ 8.4.2** Not less than the prevailing hourly rate of wages specified under Section 290.210-290.340 of the Revised Missouri Statutes and set out in the Wage Determination shall be paid to all workers performing Work under this Contract. The Contractor shall forfeit as provided in Section 290.250 of the Revised Missouri Statutes as a penalty to the Owner the sum of One Hundred Dollars (\$100.00) for each worker employed, for each calendar day, or portion thereof, that such worker is paid less than the prevailing rate for any work done under said Contract by the Contractor or by any of its Subcontractors.

**§ 8.4.3** The Contractor and all subcontractors to the contract must require all on-site employees to complete the ten-hour safety training program required under Section 292.675, RSMo, if they have not previously completed the program and have documentation of having done so. The Contractor will forfeit a penalty to the Owner of \$2500 plus an additional \$100 for each employee employed by the Contractor or Subcontractor, for the calendar day, or portion thereof, such employee is employed without the required training.

**§ 8.4.4** Every transient employer, as defined in Section 285.230, RSMo, must post in a prominent and easily accessible place at the work site a clearly legible copy of the following: (1) The notice of registration of employer withholding issued to such transient employer by the director of revenue; (2) Proof of coverage for workers' compensation insurance or self-insurance signed by the transient employer and verified by the department of revenue through the records of the division of workers' compensation; and (3) The notice of registration for unemployment insurance issued to such transient employer by the division of employment security. Any transient employer failing to comply with these requirements shall, under section 285.234, RSMo, be liable for a penalty of Five Hundred Dollars (\$500.00) per day until the notices required by this section are posted as required by that statute.

## § 8.5 Certified Payroll

**§ 8.5.1** The Contractor & each Subcontractor are required to submit, WEEKLY, ONE (1) Certified ORIGINAL for each week that work is in progress & SHOULD BE NUMBERED SEQUENTIALLY. If work is temporarily suspended, the last payroll should be appropriately marked to note that it would be the last payroll until work is resumed. Submitter shall make sure that each payroll is numbered and dated, includes the name of the Project on it as well as the name of the Subcontractor. It is important that submitter number ALL payrolls sequentially. This will keep Contractor from having to send “No Work” payrolls when no hours are logged for a pay period. It will also make it easier to track and communicate any inconsistencies. Submitter shall label each of the “Final Payrolls” from each contractor/subcontractor as such.

**§ 8.5.2** The Contractor must submit one (1) certified originals of each weekly payroll within 7 days of the payment date of the payroll. The certification may be attached to the payroll or may be on the payroll itself. The Contractor will be considered responsible for submittal of payrolls and certifications for all their sub recipients on the project. The certification must be properly signed originals. Electronic submittal of certified payrolls is not permitted. Failure to submit these payrolls within the 7-day period will result in delay in submittal of pay applications. All certified payrolls must be certified by an officer of the company only. Contractor cannot certify several pay periods with only one payroll certification. This is unacceptable to the Department of Labor. Each certification must also be dated and signed to be valid. Owner would prefer that the certification be signed in a color other than black. Owner can accept Xeroxed payrolls; however, the certifications must each be signed with an original, live signature. THE OWNER CANNOT ACCEPT COPIED SIGNATURES ON THE PAYROLL CERTIFICATIONS. The employee’s full name must be used. Addresses are not optional and MUST be listed on publicly funded projects such as this one. Social Security numbers are no longer allowed on certified payrolls, however, in lieu of the Social Security number; the contractor must assign the employee an identification number and place that identification number on the certified payroll. The identification number can be the last four digits of the employee’s Social Security number. Employers (prime contractors and subcontractors) must maintain the current address and full SSN for each employee and must provide this information upon request to the contracting agency or other authorized representative responsible for labor standards compliance. All deductions must be clearly identified. Only approved deductions should be used in wage rate calculations as per the Code of Federal Regulations. The US Department of Labor Form LS-57 may be used, as this form complies with all code requirements. If any part of the payroll or payroll certification is illegible or not completely filled out, they will be returned to your office for correction and re-submission. IMPORTANT NOTE: APPRENTICE CERTIFICATION LETTERS MUST ACCOMPANY CERTIFIED PAYROLLS THE 1ST TIME THEIR NAME APPEARS ON A CERTIFIED PAYROLL-IF NOT ATTACHED IT WILL DELAY APPROVAL OF CERTIFIED PAYROLL, AND THEREFORE PAY APPLICATION SUBMISSION.

**§ 8.5.3** Unauthorized Alien Act Compliance and Federal Work Authorization Program Enrollment - No business or entity involved with this project shall employ an unauthorized alien to perform work within the state of Missouri. As a condition for the award of any contract or grant in excess of \$5,000.00, the business entity shall, by sworn affidavit and provision of documentation, affirm its enrollment and participation in a federal work authorization program (for example, the so called Federal E-Verify Program) with respect to the employees working in connection with the contracted services (see section 285.530 RSMo, enclosed in the laws section). To reaffirm - All Contractors are required to obtain and make available for inspection by the contracting public body from each subcontractor of any tier, an original sworn affidavit which affirms, under penalty of perjury, that the subcontractor is enrolled & actively participating in a federal work authorization program, that the subcontractor does not knowingly employ any person who is an Unauthorized Alien in connection with the contracted services, and the subcontractor’s employee’s are lawfully present in the United States. The Contractor shall comply with all applicable federal, state & local labor laws & is not knowingly in violation of §RSMo 285.530(1) and shall not henceforth be in such violation. This shall appear in contracts between the general contractor and subcontractors and contracts between subcontractors of any tier.

## § 8.6 Liability and Indemnity:

**§ 8.6.1** In no event shall the Owner be liable to the Contractor for special, indirect, or consequential damages, except those caused by the Owner's willful misconduct arising out of or in any way connected with a breach of this Contract. The maximum liability of the Owner shall be limited to the amount of money to be paid by the Owner under this Contract.

Init.

§ 8.6.2 The Contractor shall defend, indemnify, and hold harmless the Owner, its elected or appointed officials, Architect, Owner's Representative, and their respective consultants, insurers, agents, and employees, from and against any and all liability, suits, damages, costs (including attorney fees), losses, outlays and expenses from claims in any manner caused by, or allegedly caused by, or arising out of or connected with, this Contract, or the work of any subcontract hereunder (the Contractor hereby assuming full responsibility for relations with subcontractors), including but not limited to claims for personal injuries, death, or property damage (other than the Work itself), regardless of whether the loss to be indemnified was caused in part by an indemnified person.

§ 8.6.3 The Contractor shall indemnify and hold the Owner harmless from all wages or overtime compensation due any employees in rendering services pursuant to the Contract or any subcontract, including payment of reasonable attorneys' fees and costs in the defense of any claim made under the Fair Labor Standards Act, the Missouri Prevailing Wage Law or any other federal or state law.

§ 8.6.4 By executing this Contract the Contractor represents that the Contractor has reviewed the Contract Documents and affirms that the Contractor is not aware of any material defects in said documents that might prevent the Contractor from completing the Work and the Project as promised herein. The Contractor accordingly waives any claim of such material defect against the Owner.

§ 8.6.5 Contractor stipulates that Owner is a political subdivision of the State of Missouri, and as such, enjoys immunities from suit and liability as provided by the Constitution and laws of the State of Missouri. By entering into this Agreement, Owner does not waive any of its immunities from suit and/or liability, except as otherwise specifically provided herein and as specifically authorized by law.

§ 8.6.6 The Contractor may not assign its responsibilities, duties, obligations and rights under this Agreement, without the express written consent of the Owner. This does not prevent Contractor from engaging subcontractors to perform various phases of the Project, but Contractor shall be fully responsible to Owner for the work, actions and omissions of all such subcontractors.

§ 8.6.7 This Agreement, in its entirety, shall be binding upon all the parties hereto, their respective successors, heirs, executors, administrators or assigns.

§ 8.6.8 No delay or omission by either of the parties hereto in exercising any right or power accruing upon the noncompliance or failure of performance by the other party hereto of any of the provisions of this Agreement shall impair any such right or power or be construed to be a waiver thereof. A waiver by either of the parties hereto of any of the covenants, conditions or agreements hereof to be performed by the other party hereto shall not be construed to be a waiver of any subsequent breach thereof or of any other covenant, condition or agreement herein contained.

#### § 8.7 Contractor's Responsibility for Subcontractors

The Contractor shall be as fully responsible to the Owner for the acts and omissions of its Subcontractors, and of persons either directly or indirectly employed by them, as Contractor is for the acts and omissions of persons it directly employs. The Contractor shall cause appropriate provisions to be inserted in all subcontracts relating to this work to bind all Subcontractors to Contractor by all the terms herein set forth, insofar as applicable to the work of Subcontractors, and to give Contractor the same power regarding termination of any subcontract as the Owner may exercise over the Contractor under any provisions of this Contract. Nothing contained in this Contract shall create any contractual relation between any Subcontractor and the Owner or between any Subcontractors.

§ 8.7.1 The Contractor shall enforce the Owner's alcohol-free, drug-free, tobacco-free, harassment-free and weapon-free policies and zones, which will require compliance with those policies and zones by Contractor's employees, subcontractors, and all other persons carrying out the Contract.

#### § 8.8 Conflicts.

§ 8.8.1 Contractor covenants that it has no interest and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with the performance of services to be performed under this Contract. The Contractor further covenants that the performance of Contract no person having such interest shall be employed.

§ 8.8.2 No salaried officer, employee or elected official of the Owner shall have a financial interest, direct or

Init.

indirect, in this Contract. A violation of this provision renders the Contract void. Any federal regulations and applicable provisions in Section 105.450 et seq. RSMo. shall not be violated.

### **§ 8.9 Assignment.**

Contractor shall not assign or transfer any interest in this Contract (whether by assignment or novation), and shall not substitute any specific individuals and/or personnel qualifications without prior written consent of the Owner, except that claims for money due or to become due to the Contractor from the Owner under this Contract may be assigned to a bank, trust company, or other financial institution without such approval, but notice of such assignment or transfer shall be furnished in writing promptly to the Owner. Any such assignment is expressly subject to all rights and remedies of the Owner under this agreement, including the right to change or delete activities from the Contract or to terminate the same as provided herein, and no such assignment shall require the Owner to give any notice to any such assignee of any actions which the Owner may take under this agreement, though Owner will attempt to so notify any such assignee.

### **§ 8.10 General Independent Contractor Clause**

This Contract does not create an employee/employer relationship between the parties. It is the parties' intention that the Contractor will be an independent contractor and not the Owner's employee for all purposes, including, but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, Missouri revenue and taxation laws, Missouri workers' compensation and unemployment insurance laws subject to the provisions of this Contract, the Contractor will retain sole and absolute discretion in the judgment of the manner and means of carrying out the Contractor's activities and responsibilities hereunder. The Contractor agrees that it is a separate and independent enterprise from the Owner, that it has a full opportunity to find other business, that it has made its own investment in its business, and that it will utilize a high level of skill necessary to perform the work. This agreement shall not be construed as creating any joint employment relationship between the Contractor and the Owner, and the Owner will not be liable for any obligation incurred by the Contractor, including but not limited to unpaid minimum wages and/or overtime premiums.

### **§ 8.11 Payment Method**

Payments made to the Contractor by the Owner under this Contract shall be effected either by check, electronically or by wire transfer. Contractor shall provide the Owner with information necessary to facilitate same.

### **§ 8.12 Insurance and Bonds**

The Contractor shall secure and maintain at its own cost and expense and throughout the duration of this Contract and until the work is completed and accepted by the Owner, insurance of such types and in such amounts as may be necessary to protect it and the interests of the Owner against all hazards or risks of loss as hereunder specified or which may arise out of the performance of the Contract Documents. The form and limits of such insurance, together with the underwriter thereof in each case, are subject to approval by the Owner. Bid package requires AM Best rating of A-IX or higher. Regardless of such approval, it shall be the responsibility of the Contractor to maintain adequate insurance coverage at all times during the term of the Contract. Failure of the Contractor to maintain coverage shall not relieve it of any contractual responsibility or obligation or liability under the Contract Documents.

Certificates of insurance, including evidence of the required endorsements hereunder or the policies, shall be filed with the Owner within ten (10) days after the date of the receipt of Notice of Award of the Contract to the Contractor and prior to the start of work. Work may not proceed until proof of all required insurance has been provided to the Owner. All insurance policies shall include an ISO Additional Insured Endorsement (CG 20 10 and CG 20 37 2004 editions or equivalent) listing the Owner and the Owner's Representative as additional insureds on a primary basis with owner and/or construction manager insurance excess and not contributory, general liability and auto to contain waiver of subrogation in favor of Owner and its officers, directors and employees, and an ISO Notice of Cancellation/Modification Endorsement providing thirty (30) days written notice to be given by the insurance company to the Owner prior to modification or cancellation of such insurance.

Such notices shall be sent via email to

#### **§ 8.12.1 Minimum Coverages**

The minimum coverage for the insurance referred to herein shall be in accordance with the requirements established

Init.

**AIA Document A101™ – 2017.** Copyright © 1915, 1918, 1925, 1937, 1951, 1958, 1961, 1963, 1967, 1974, 1977, 1987, 1991, 1997, 2007 and 2017 by The American Institute of Architects. **All rights reserved. WARNING: This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.** This document was produced by AIA software at 09:46:12 ET on 12/03/2018 under Order No. 3126404119 which expires on 03/21/2019, and is not for resale.

**User Notes:**

(3B9ADA3B)



below:

- a. Workers' Compensation: Statutory coverage per R.S.Mo. 287.010 et seq.; Employer's Liability: \$1,000,000.00 for bodily injury each accident or disease, each employee for injury by disease.
- b. Commercial General Liability Insurance: ISO occurrence form CG00010798 or later edition or equivalent substitute form. Including coverage for Premises, Operations Products and Completed Operations, Contractual Liability, Broad Form Property Damage, Independent Contractors, Explosion, Collapse, and Underground Property Damage and endorsed for blasting if blasting required. Such coverage shall apply to Bodily Injury and Property Damage on an "Occurrence Form Basis" with limits of Three Million Dollars (\$3,000,000.00) for all claims arising out of a single accident or occurrence, Three Million Dollars (\$3,000,000.00) for products/completed operations and One Million Dollars (\$1,000,000.00) for any one person in a single accident or occurrence/advertising injury. Aggregate limits to apply separately to the Project other than completed operations hazards. ISO CG 25 03 endorsement for general aggregate limit of Three Million Dollars (\$3,000,000.00).
- c. Automobile Liability Insurance: ISO CA0001, CA0002, CA0005, CA0020 or equivalent. Covering Bodily Injury and Property Damage for owned, non- owned and hired vehicles with limits of Three Million Dollars (\$3,000,000.00) for all claims arising out of a single accident or occurrence.
- d. Owner's and Contractor's Protective Liability Insurance, to protect the Owner, its agents, servants and employees from claims which may arise from the performance of this Contract, with limits of Three Million Dollars (\$3,000,000.00) for all claims arising out of a single accident or occurrence and Five Hundred Thousand (\$500,000.00) for any one person in a single accident or occurrence.

The Owner's and Contractor's Protective Liability Insurance must:

- (1) be a separate policy with the named insured being the Owner;
  - (2) be with the same insurance company with which the Contractor carries its Commercial General Liability Insurance and Automobile Liability Insurance; and
  - (3) contain an endorsement that disclaims coverage for any claim barred by the doctrines of sovereign immunity or official immunity, except attorney's fees and other litigation costs incurred in defending a claim. Nothing contained in this policy (or this endorsement thereto) shall constitute any waiver of whatever kind of these defenses or sovereign immunity or official immunity for any monetary amount whatsoever.
- e. All-Risk Builders Risk Insurance (if required by the Owner) : Unless specifically authorized by the Owner, the amount of such insurance shall not be less than the total contract price. The policy shall name as insured the Contractor and the Owner.
  - f. Umbrella Excess: Two Million Dollars (\$2,000,000) per occurrence and aggregate over employer's liability, general liability, and auto liability, with "follow-form" of underlying policies.

#### § 8.12.2 Subcontractors.

The Contractor shall require all subcontractors to procure and maintain all insurance required in this section and in like amounts and shall provide evidence of such insurance, with the following exceptions:

- a. Subcontractors are not required to provide All-Risk Builders Risk Insurance;
- b. Subcontractors with an initial contract amount less than \$100,000.00 may provide liability coverage limits of \$1,000,000.00 in addition to a \$1,000,000.00 umbrella policy;
- c. Subcontractors need not carry OCPL coverage if contractor's coverage is inclusive;
- d. The Contractor and/or subcontractor shall furnish the Owner prior to beginning any work satisfactory proof of carriage of all the insurance required by this Contract, with the provision that policies shall not be canceled, modified or non-renewed without thirty (30) days written notice to the Owner.

#### § 8.12.3 Pending Legislation.

If the scope or extent of the Owner's tort liability as a governmental entity as described in Section 537.600 through

Init.

537.650 R.S.Mo. is broadened or increased during the term of this agreement by legislative or judicial action, the Owner may require Contractor, upon 10 days written notice, to execute a contract addendum whereby the Contractor agrees to provide, at a price not exceeding Contractor's actual increased premium cost, additional liability insurance coverage as the Owner may require to protect the Owner from increased tort liability exposure as the result of such legislative or judicial action. Any such additional insurance coverage shall be evidenced by an appropriate certificate of insurance and shall take effect within the time set forth in the addendum.

**§ 8.12.4 Performance and Payment Bonds**

The Contractor shall furnish a Performance Bond and a Labor and Materials Payment Bond with surety approved by the Owner and on the forms approved by the Owner. Each bond shall be in the full amount of the parties' contract and shall be conditioned upon the full and faithful performance of all major terms and conditions of the contract and the payment of all labor and material suppliers. If at any time after the execution of a contract and the surety bonds (in the forms attached hereto) the Owner shall deem any bond surety to be unsatisfactory, or if for any reason, a bond ceases to be adequate to cover the performance of the work or the payment of labor and materials, the

Contractor shall, at its expense and within five (5) days after the receipt of notice from the Owner to do so, furnish an additional bond or bonds, in such form and amount, and with such surety or sureties as shall be satisfactory to the Owner. In such event no further payment to the Contractor shall be deemed to be due under this contract until such new or additional security for the faithful performance of the work and the payment of labor and material suppliers shall be furnished in a manner and form satisfactory to the Owner. The corporate surety on any performance or payment bond must be licensed by the State of Missouri and must be listed in United States Treasury Circular 570, and the bonds shall be accompanied by current powers of attorney, on a form acceptable to Owner.

The Contractor shall purchase and maintain insurance and provide bonds as set forth in Article 11 of AIA Document A201-2017. (State bonding requirements, if any, and limits of liability for insurance required in Article 11 of AIA Document A201-2017.)

**ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS**

**§ 9.1** The Contract Documents, except for Modifications issued after execution of this Agreement, are enumerated in the sections below.

All Drawings and Specifications issued as part of the Construction Document Set issued by **FGM Architects, Inc.** See attached Exhibit E for the complete listing.

This Agreement is comprised of the following documents:

- .1 AIA Document A101™-2017, Standard Form of Agreement Between Owner and Contractor
- ~~.2 AIA Document A101™-2017, Exhibit A, Insurance and Bonds~~
- .3 AIA Document A201™-2017, General Conditions of the Contract for Construction
- .4 AIA Document C106™-2017, Digital Data Licensing Agreement
- .5 Drawings  
See attached Exhibit E for the complete listing
- .6 Specifications  
See attached Exhibit E for the complete listing
- .7 Addenda, if any:

Number	Date	Pages
TBD		

Portions of Addenda relating to bidding or proposal requirements are not part of the Contract Documents unless the bidding or proposal requirements are also enumerated in this Article 9.

- .8 Other Exhibits:  
(Check all boxes that apply and include appropriate information identifying the exhibit where required.)

AIA Document E204™-2017, Sustainable Projects Exhibit, dated as indicated below: (Insert the date of the E204-2017 incorporated into this Agreement.)

The Sustainability Plan:

Init.

Title	Date	Pages
[ X ] Supplementary and other Conditions of the Contract:		

Document	Title	Date	Pages
.9 Other documents, if any, listed below: <i>(List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201™–2017 provides that the advertisement or invitation to bid, Instructions to Bidders, sample forms, the Contractor’s bid or proposal, portions of Addenda relating to bidding or proposal requirements, and other information furnished by the Owner in anticipation of receiving bids or proposals, are not part of the Contract Documents unless enumerated in this Agreement. Any such documents should be listed here only if intended to be part of the Contract Documents.)</i>			
Exhibit A:	General Conditions AIA 201-2017		
Exhibit B:	Contract Bid Forms and Bid Bond		
Exhibit C:	<b>Bid Scope of Work 2019-A3</b>		
Exhibit D:	Modification/Explanation of the Change Order Fee		
Exhibit E:	Contract Document Log (Drawings and Specifications and Front Ends).		

This Agreement entered into as of the day and year first written above.

\_\_\_\_\_  
OWNER (Signature)

**TBD**

\_\_\_\_\_  
*(Printed name and title)*

\_\_\_\_\_  
CONTRACTOR (Signature)

**TBD**

\_\_\_\_\_  
*(Printed name and title)*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Init.

DETENTION PACKAGE

SECTION 11 19 16 - GUN LOCKERS

PART 1 - GENERAL

1.2 DESCRIPTION OF WORK

- A. Extent: Provide surface mounted units with four (4), eight (8) and sixteen (16) gun tilt drawers in each unit where shown on the drawings.
- B. Type: Gun Lockers where shown and as indicated on Drawings.
- C. Final painting of gun lockers is specified in Section 09 91 00, Painting.

1.3 SUBMITTALS

- A. Submit in accordance with Division 01 requirements.
- B. Product Data: Submit manufacturer's product data and detailed shop drawings for each type of gun locker.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers:

- 1. Basis of Design: Modern Detention Equipment, Cincinnati, Ohio.
- 2. Norix Group, Inc., West Chicago, Illinois

2.2 PISTOL LOCKERS

- A. Provide Gun Lockers with nominal over all sizes and compartment sizes as listed below. Surface mounted units are required.
- B. Overall Size: As required for different configurations x overall depth as required with ~~six~~ (6)-felt lined tilt drawers in each unit. Units with 1/8" sponge rubber cemented to steel plate bottom in lieu of felt or similar padding are also acceptable.
- C. Tilt Drawer Sizes: Approximately 13-3/8" wide x 6-1/2" high x 4-1/2" deep. Tilt drawers must be large enough to accommodate a semi-automatic pistol with a 14 round magazine without jamming.

DETENTION PACKAGE

- D. Door and Shell Construction: 7 gauge steel. Doors shall be bottom hinged and swing down 90 deg. to form shelf when open. Provide heavy duty chain to prevent door from opening beyond 90°.
- E. Frames: Provide angle frames for surface mounted units.
- F. Locks: Each tilt drawer shall have individual spring locks that are keyed separately and master keyed. Provide two keys for each tilt drawer and two master keys for all pistol lockers.
- G. Painting: Furnish units and frames with one coat of shop primer. Primer shall be compatible with finish coats as specified in Section 09 91 00, Painting.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Final finish painting by Section 09 91 00.
- B. Provide all items and accessories as required for a complete installation in every respect.

END OF SECTION 11 19 16

DETENTION PACKAGE

SECTION 11 19 53 –DETENTION DOOR HARDWARE

PART 1 – GENERAL

1.1 SUMMARY

A. Description of Work Security Hardware:

1. The work under this section shall consist of furnishing all labor, materials, equipment, and appliances necessary or required to perform and complete all Security Door Hardware work as shown on the drawings, as specified herein, or required by conditions at the site. Security Hardware shall be furnished to complete the building project and shall meet all requirements of building, fire, safety, and all other codes as applicable.
2. The hardware supplier shall coordinate hardware with related trades such as metal doors, frames, etc.
3. Refer to the Door/Openings Schedule for door schedule relating to this Work.

B. Quality Assurance

1. The security hardware supplier shall have past experience in security hardware and have in their employ, a specialist in detailing security hardware for detention doors and frames.
2. Immediately after award of the security hardware contract, it shall be the responsibility of the security hardware supplier to request approved shop drawings from such trades with which hardware must be coordinated.
3. All items of hardware shall be delivered to the job site in manufacturers original package. Each item shall be clearly marked with the proper opening number so that installer can clearly identify the proper location.

C. Submittals

1. Security hardware supplier shall prepare and submit to the Architect for approval four (4) copies of the complete detailed hardware schedule, plus three (3) additional copies for his use. Schedule and detail project as required by Architect. Submit a cut sheet for each type of hardware.
2. If requested by Architect, a sample of each hardware item will be supplied as required, to be retained by Architect for comparison with hardware as furnished. Any deviation from hardware schedule shall be replaced with the proper hardware at hardware supplier's expense.
3. All blueprint templates and/or template information shall be sent to each manufacturer who requires such information (Example: Security hollow metal door and frame manufacturers, etc.) Approved hardware schedule shall be sent to each manufacturer who requires template information.
4. A schedule of mounting heights for all items of hardware shall be established in consultation with the Architect and shall be included in hardware schedule for approval.
5. Degree of openings for doors with overhead holder, closers, etc. shall be established by hardware supplier and include in hardware schedule for Architects approval.

DETENTION PACKAGE

D. Product Handling

1. Hardware shall be ordered in sufficient time so that it will be available for job requirements. A locked storage space will be provided for unpacking crates and sorting out hardware.

E. Approved Design and Manufacturer

1. Items of security hardware specified in the hardware sets of this division have been selected for the purpose of establishing a quality and design standard acceptable to the Architect. Products of other manufacturers of builder=s hardware only may be substituted, providing they are equal in quality and design to the items specified and receive the express approval of the Architect. The Architect will permit no substitutions after final approval of the hardware schedule. All security locks and their components shall be provided by R.R. Brink Locking Systems, Inc. (Base Bid), or Southern Steel (Alternate Bid).
2. Any products to be substituted for items of hardware other than those specified must be submitted in writing to the Architect for prior approval at least ten (10) days before bid date. Include the name of manufacturer, catalog number of series, design, and other pertinent data. No substitutions shall be permitted after the start of the ten day period prior to bid date.
3. Security equipment items specified in the security hardware sets have been selected from the various manufacturers' catalogs. Identifying numbers of the manufacturer, where listed herein, are given for purposes of establishing a quality and design standard acceptable to the Architect. The manufacturers listed are:
  - a. Hinges:
    1. Northwest Specialty Hardware
  - c. Locks - Security:
    1. R.R. Brink Locking Systems, Inc.
  - d. Closers:
    1. LCN (No Substitutions)
  - e. Stops:
    1. H.B. Ives
    2. Northwest Specialty Hardware
    3. Rockwood
  - f. Trim:
    1. Northwest Specialty Hardware
    2. RR Brink

DETENTION PACKAGE

g. Threshold/Weatherstripping:

1. National Guard Products

F. Fastenings

1. All bolts, screws and other fastenings required for the application of the hardware shall be of the size and type to fit requirements and shall be of the same material and finish as the hardware to which they connect.
2. Screws for products used in secured areas will have torx security screws. Screws for products in other areas such as offices, kitchen and maintenance shall have fasteners normally furnished from manufacturer.
3. The hardware supplier shall furnish four (4) of each size torx driver required for installation of hardware. At completion of job, torx drivers shall be turned over to the Owner.
4. All kick plates are to be mounted with stainless steel pop rivets.
5. Refer to Section 11 19 93 Tamper-Proof Metal Fasteners for additional information.

G. Installation

1. All security hardware and other items shall be received, stored and distributed and the responsibility for its safety assumed by the Contractor. The protection wrapped around pieces of hardware shall be securely attached to the hardware as it is installed and properly maintained until the final completion of the building.
2. Installation and hook-up of electric-operated locks shall be the responsibility for the security hardware supplier. Balance of surface-applied hardware such as closers, trim items, stops, frame portion of hinge, position switches, etc., and the alignment of doors shall be the responsibility of this Contractor.
3. Security hardware shall be installed by **Union Ironworker Mechanics**, skilled in the application of hardware and in accordance with the recommendations of the appropriate manufacturer. All instruction sheets and installation details, which are packed with hardware, shall be read and understood before any attempt is made to install the hardware.
4. Hardware and all other items shall be accurately fitted and secured in place, adjusted to operate perfectly and be free from scratches or other defacements.
5. The Contractor shall be responsible for the condition and operation of all items installed hereunder until the issuance of the Certificate of Final Acceptance or until the building is occupied, whichever is sooner.
6. After installation, all templates, instruction sheets, and installation details, shall be placed in a black, 3-ring binder, clearly labeled to be turned over to the Owner when the building is accepted.
7. After the building is occupied, the security hardware supplier shall contact the Owner and arrange an appointment with the custodian or maintenance engineer. The security hardware supplier will then instruct this person in the proper use, servicing, adjusting and maintenance of hardware.



## DETENTION PACKAGE

### PART 2 - PRODUCTS

#### 2.1 HINGES

##### A. Security Hardware Hinges:

1. Each security door shall be hung with three (3) knuckle institutional, stainless steel hinge. Hinge shall be full mortise on all doors.
2. Hinge shall be 4-1/2" x 4-1/2" with 3/16" leaf thickness, made of investment cast 304 stainless steel with integral security stud.
3. Each hinge shall have bearing material that is a self-lubricating, engineered thermo-plastic, flange type design to support thrust and radial loads
4. Entire construction shall be cross-pinned after assembly to make disassembly impossible.
5. Furnish three hinges for single openings up to and including 7'-4" height. Furnish one additional hinge for openings over 7'-4" high and for each additional 2'-6" of opening height and for openings over 3'-0" wide.

#### 2.2 LOCKS AND KEYING

##### A. Electric locks (7" Jamb) - Brink 5020.

1. Lock case to be 1/8" thick steel plate approximately 4-5/8" x 3-1/4" x 9-3/4". Latchbolt to be 3/4" x 1-1/2" with minimum 3/4" throw and shall be monitored by a limit switch within the lock. Strike keeper to be stainless steel.
2. Locks to operate electrically through either constant duty motors (24V DC) or constant duty solenoids (115V AC). Locks to be remotely unlocked electrically by momentary contact push button, or mechanically operated by key at the lock.
3. Standard latchbolt function is to be held in retracted position on unlocking until door is opened. On opening of door, latchbolt extends and snap locks on closing of door. Trigger bolt deadlocks latchbolt in extended position on closing of door. For variations, see specific locks in security hardware schedule.
4. Locks shall have key cylinders on one or both sides as specified using mogul cylinder or Medeco High Security 6 PIN cylinder. See security hardware schedule.
5. All exterior door locks to be galvanized or stainless steel and have solenoid operation.
6. Refer to the requirements of the Emergency Release function of the door control system specified in Division 17. This lock shall be furnished with the capabilities of a half cycle function when controlled with the Emergency Release control function and a full cycle function with the normal door control function.

##### B. Heavy-Duty Pin Tumbler Mortise Lock with Mogul Cylinder, Brink 1020, 1040 series.

1. Provide a 1" throw stainless steel deadbolt with two hardened SS inserts, operated by mogul pin tumbler cylinder or thumb turn.
2. Provide a 5/8" throw SS latch operated by knobs or levers with escorts and deadlocked by a SS trigger bolt.
3. Lock base plate to be of Y2" thick investment cast stainless steel with SS case and cover.
4. Lock must have Underwriters Laboratories 3 hour fire rating and ASTM grade 2 rating.

## DETENTION PACKAGE

### C. Mechanical Deadbolt, Paracentric Key Operated - Brink 7010 series.

1. Lock size to be approximately 4-1/4" x 3" x 1-1/4". Deadbolt is 3/4" x 1-1/2" stainless steel, with 5/8" throw.
2. Investment cast steel case – Zinc Plated
3. Investment cast bronze alloy, one-piece key cylinder

### D. Keying and Keys

1. The DEC will meet with the Architect and Owner upon their request to review the keying schedule and systems layout. All locks are to be keyed as directed as a result of this meeting.
2. Mogul type cylinder shall be keyed in sets and master keyed to level as directed. Provide five (5) keys per key alike set and five (5) keys per master level.
3. Paracentric prison locks shall be keyed in sets, and provided with three (3) keys for each set. Each key to be not less than 4 1/2" in length. Blade to be 7/8" wide by 1/32" thick. Key to have overlapping Paracentric grooves to match similar grooves in cylinder. Handle to be of oval shape to properly fit hand, about 2-1/4" x 1-3/8" in size and separated from the key blade by 1/2" x 1-1/2" shank to provide clearance for officer's hand. Entire key to be made of polished silicone bronze/copper alloy having tensile strength of not less than 60,000 psi and have a hardness of B73-75 on the Rockwell scale.
4. All keys shall be stamped with number or letter combination as directed.

### E. KEY CONTROL SYSTEM

1. Cabinets and components shall be manufactured out of 10-gauge steel (minimum) with a key lock out of steel. System shall include completely set up three way cross index system, installation of keys and tag system, and instructions to the owner on proper use of the system. Cabinet to be size to accommodate one complete set of all security building keys.

## 2.3 DOOR CLOSERS

- A. Door closers shall be Concealed LCN 2210/2210-DPS series (No Substitutions). Closers shall be handed and sized for exact condition required. Closers shall be fully hydraulic, full rack and pinion with cast iron cylinder. Separate adjustments for latch speed general speed, and back-check shall have tamper-proof regulating screws.

## 2.4 DOOR POSITION SWITCHES

- A. Furnish R.R. Brink Locking Systems, Inc. 201020 concealed magnetic door position switches where specified. All structural and working parts are of plated steel and brass. Switch is single pole double throw.

## DETENTION PACKAGE

### 2.5 MISCELLANEOUS HARDWARE

- A. Door Stops: Furnish doorstops for all doors. All stops and bumpers shall be cast bronze and shall be furnished with machine screws and expansion shields or toggle bolts to use the material it is to be fastened upon. Stops shall be equal to Portland Hardware PH760..
- B. Push Plates, Pull Plates, and Protection Plates: Furnish push and pull plates as specified in the hardware sets. Finish to be satin stainless steel, US32D. Plates to be cut for cylinder or turn pieces as required.
- C. Manufacturers of Push/Pull units: R.R. Brink Locking Systems, Inc. (basis for schedule).
- D. Protection plates (kick and armor) shall be .050 thick type 304 stainless steel. Kickplates shall be 8" high. Plates shall be 2" less than door width. All protection plates are to be mounted with stainless steel pop rivets.
- E. Provide silencers in metal door frames, unless not permitted for fire rating, or unless bumper-type weatherstripping is provided; three per single door frame, two per double door frame. All exterior doors to have bumper type weatherstripping.

### 2.6 DETENTION DOOR HARDWARE SCHEDULE

- A. General: Provide hardware for each door to comply with requirements of Section Security Hardware, hardware set numbers indicated in door schedule, and in the following schedule of hardware sets. See Sets prefix with "S".

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

- A. Steel Doors and Frames: Comply with DHI A115 Series.

## DETENTION PACKAGE

1. Surface-Applied Door Hardware: Drill and tap doors and frames according to ANSI A250.6.

### 3.3 INSTALLATION

- A. Mounting Heights: Mount door hardware units at heights indicated as follows unless otherwise indicated or required to comply with governing regulations.
  1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
  2. Custom Steel Doors and Frames: DHI's "Recommended Locations for Builders' Hardware for Custom Steel Doors and Frames."
  3. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
- B. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
  1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
  2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- C. Key Control System: Tag keys and place them on markers and hooks in key control system cabinet, as determined by final keying schedule.
- D. Boxed Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings. Verify location with Architect.
  1. Configuration: Provide the least number of power supplies required to adequately serve doors with electrified door hardware.
- E. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."

### 3.4 FIELD QUALITY CONTROL

- A. Independent Architectural Hardware Consultant: Owner will engage a qualified independent Architectural Hardware Consultant to perform inspections and to prepare inspection reports.
  1. Independent Architectural Hardware Consultant will inspect door hardware and state in each report whether installed work complies with or deviates from requirements, including whether door hardware is properly installed and adjusted.

## DETENTION PACKAGE

### 3.5 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
  - 1. Electric Strikes: Adjust horizontal and vertical alignment of keeper to properly engage lock bolt.
  - 2. Door Closers: Unless otherwise required by authorities having jurisdiction, adjust sweep period so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point **3 inches** from the latch, measured to the leading edge of the door.
- B. Occupancy Adjustment: Approximately three months after date of Substantial Completion, Installer shall examine and readjust, including adjusting operating forces, each item of door hardware as necessary to ensure function of doors, door hardware, and electrified door hardware.

### 3.6 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure that door hardware is without damage or deterioration at time of Substantial Completion.

### 3.7 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain door hardware and door hardware finishes.

DETENTION PACKAGE

**DETENTION DOOR HARDWARE SETS**

**Hardware Set S01 CELL DR - SWING**

Not Used

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
1	EA	ELECT JAMB LOCK	5022M - MSLH - 24VDC	USP	R R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH
1	EA	FLUSH PULL	BY SECURITY DOOR MFG.	USP	PJBC
1	EA	WALL STOP	NW706	BLAC	NWSH K
3	EA	SILENCERS	608	GREY	Rockwo od
1	EA	MAGNETIC DPS	201020	US32D	R R Brink

**Hardware Set S01A CELL DR - SWING w/FOOD PASS**

Not Used

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
2	EA	FP HINGE	NW631 FPB	USP	NWSH
1	EA	ELECT JAMB LOCK	5022M - MSLH - 24VDC	USP	R R Brink
1	EA	FOOD PASS LOCK	7017	USP	R R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH
1	EA	FLUSH PULL	BY SECURITY DOOR MFG.	USP	PJBC
1	EA	WALL STOP	NW706	BLAC	NWSH K
3	EA	SILENCERS	608	GREY	Rockwo od
1	EA	MAGNETIC DPS	201020	US32D	R R Brink

DETENTION PACKAGE

**Hardware Set S01B STEEL CELL - SWING w/FP**

Dr# A1, A2, A3, A4, A5, A6,, B1, B2, B3, B4, B5, B6, B7, B8, C1, C2, C3, C4, C5, C6, D1, D2, D3, D4, D5, D6, E1, E2, E3, E4, E5,

E6,, E7, E8, F1, F2, F3, F4, F5, F6, G1, G2, G3, G4, G5, G6, H1, H2, H3, H4, H5, H6, H7, H8, I1, I2, I3, I4, I5, I6, J1, J2, J3, J4, J5, J6, K1, K2, K3, K4, K5, K6, K7, K8, L1, L2, L3, L4, L5, L6, L7, L8,

Each to Receive:

3	EA	HINGE		NW645 FMST x #30 Torx	US32D	NWSH	by
						Others	
2	EA	FP HINGE		NW631 FPB	USP	NWSH	by
						Others	
1	EA	ELECT LOCK	JAMB	5022M - MSLH - 24VDC	USP	R R Brink	
1	EA	FOOD LOCK	PASS	7017	USP	R R Brink	
1	EA	LOOP PULL		NW601	US32D	NWSH	
1	EA	FLUSH PULL		BY SECURITY DOOR MFG.	USP	PJBC	
1	EA	WALL STOP - SC		NW 706SC	BLAC	NWSH	
					K		
3	EA	SILENCERS		608	GREY	Rockwood	
1	EA	MAGNETIC DPS		201020	US32D	R R Brink	

**Hardware Set S01C S01A w/Closer**

Not Used

Each to Receive:

3	EA	HINGE		NW645 FMST x #30 Torx	US32D	NWSH	
2	EA	FP HINGE		NW631 FPB	USP	NWSH	
1	EA	ELECT LOCK	JAMB	5022M - MSLH - 24VDC	USP	R R Brink	
1	EA	FOOD LOCK	PASS	7017	USP	R R Brink	
1	EA	LOOP PULL		NW601	US32D	NWSH	
1	EA	FLUSH PULL		BY SECURITY DOOR MFG.	USP	PJBC	
1	EA	CONC CLOSER		2214	AL	LCN	
1	EA	WALL STOP		NW706	BLAC	NWSH	
					K		
3	EA	SILENCERS		608	GREY	Rockwo od	
1	EA	MAGNETIC DPS		201020	US32D	R R Brink	
6	EA	LABOR		HOURS		PJBC	

DETENTION PACKAGE

**Hardware Set S02 CELL SLAM LOCK**

Dr# D130, D131, D132, D133, D134, D135

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH	
1	EA	MECH LOCK	7072 - HM MTG - 7070KS - USP ESC (1-WAY)		R	R Brink
1	EA	FLUSH PULL	BY SECURITY DOOR MFG.	USP	PJBC	
1	EA	WALL STOP	NW706	BLAC	NWSH	
				K		
3	EA	SILENCERS	608	GREY	Rockwo od	
1	EA	MAGNETIC DPS	201020	US32D	R	R Brink

**Hardware Set S02A S02 with Food Pass**

Dr# D122, D124, D141

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH	
2	EA	FP HINGE	NW631 FPB	USP	NWSH	
1	EA	FOOD PASS LOCK	7017	USP	R	R Brink
1	EA	MECH LOCK	7072 - HM MTG - 7070KS - ESC (1-WAY)	USP	R	R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH	
1	EA	FLUSH PULL	BY SECURITY DOOR MFG.	USP	PJBC	
1	EA	WALL STOP	NW706	BLAC	NWSH	
				K		
1	EA	MAGNETIC DPS	201020	US32D	R	R Brink

**Hardware Set S02B S02A for Steel Cells**

Dr# D127, D128, D136, D137, D138, D139, D146, D147, D148, D149, D150, D151, D152, D153, D161, D162

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH	by Others
2	EA	FP HINGE	NW631 FPB	USP	NWSH	by Others
1	EA	FOOD PASS LOCK	7017	USP	R	R Brink
1	EA	MECH LOCK	7072 - HM MTG - 7070KS - ESC (1-WAY)	USP	R	R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH	
1	EA	FLUSH PULL	BY SECURITY DOOR MFG.	USP	PJBC	
1	EA	CONC CLOSER	2214	AL	LCN	



Franklin County Public Safety Facility  
Union, MO

DETENTION PACKAGE

1	EA	WALL STOP	NW706	BLAC	NWSH	
				K		
1	EA	MAGNETIC DPS	201020	US32D	R R Brink	

**Hardware Set S02C S02A w/Closer**

Dr# D163, D165, D166, D168,

D124

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH	
2	EA	FP HINGE	NW631 FPB	USP	NWSH	by
					Others	
1	EA	FOOD PASS LOCK	7017	USP	R R Brink	
1	EA	MECH LOCK	7072 - HM MTG - 7070KS - ESC (1-WAY)	USP	R R Brink	
1	EA	LOOP PULL	NW601	US32D	NWSH	
1	EA	FLUSH PULL	BY SECURITY DOOR MFG.	USP	PJBC	
1	EA	CONC CLOSER	2214	AL	LCN	
1	EA	WALL STOP	NW706	BLAC	NWSH	
				K		
1	EA	MAGNETIC DPS	201020	US32D	R R Brink	

**Hardware Set S02D S02C w/o Food Pass**

Dr# D164A,  
D167A

Each to Receive:

DETENTION PACKAGE

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
1	EA	MECH LOCK	7076 - HM MTG - 7070KS - ESC (1-WAY)	USP	R R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH
1	EA	FLUSH PULL	BY SECURITY DOOR MFG.	USP	PJBC
1	EA	CONC CLOSER	2214	AL	LCN
1	EA	WALL STOP	NW706	BLAC	NWSH
1	EA	MAGNETIC DPS	201020	US32D K	R R Brink

**Hardware Set S03 CHASE DOOR**

Dr# D123A, D123B, D123C, D144B, D144C, D144D, D144E, D144F, EC102C, [E103B](#)

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
1	EA	DEADBOLT	7012 - HM MTG - 7010KD - ESC (1-WAY)	USP	R R Brink
1	EA	WALL STOP	NW706	BLAC K	NWSH

**Hardware Set S03A SECURITY ACCESS PANEL**

Not Used

Each to Receive:

1	EA	DEADBOLT LOCK 7016		USP	R R Brink
---	----	--------------------	--	-----	-----------

**Hardware Set S04 CORRIDOR DOOR - SWING**

Dr# D111A, D111B, D112.1A, D112.1B, D142, D144.1, DC101, [E103A](#), E104, E125B, E126, EC104, E104A, EC106A, EC106B, EC201

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
1	EA	ELECT JAMB LOCK	5026M - MSLH - 24VDC	USP	R R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH
1	EA	COMBO PULL	NW 701 - TORX MS	US32D	NWSH
1	EA	CONC CLOSER	2214	AL	LCN
1	EA	WALL STOP	NW706	BLAC	NWSH
3	EA	SILENCERS	608	GREY	Rockwo od
1	EA	MAGNETIC DPS	201020	US32D	R R Brink

DETENTION PACKAGE

**Hardware Set S04A DAYROOM DOOR - SWING**

Dr# B173, B176, B178, E108A, E109A, E111A, E112A, E113A, E114A, E115A, E116A, E117A, E118A, E119A, E121A, E122A, E123A

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
2	EA	FP HINGE	NW631 FPB	USP	NWSH
1	EA	ELECT JAMB LOCK	5026M - MSLH - 24VDC	USP	R R Brink
1	EA	FOOD PASS LOCK	7017	USP	R R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH
1	EA	COMBO PULL	NW 701 - TORX MS	US32D	NWSH
1	EA	CONC CLOSER	2214	AL	LCN
1	EA	WALL STOP	NW706	BLAC K	NWSH
3	EA	SILENCERS	608	GREY	Rockwo od
1	EA	MAGNETIC DPS	201020	US32D	R R Brink

**Hardware Set S05 CORRIDOR DOOR - SLIDER**

Dr# B171, B172A, B172B, B180, B182A, D120A, D120B, EC102A, EC102B, EC103, EC105

Each to Receive:

1	EA	LOCKING DEVICE	57700ECP x K2S	USP	R R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH
1	EA	FLUSH PULL	BY SECURITY DOOR MFG.	USP	PJBC

**Hardware Set S05A DAYROOM DR -SLIDE w/FOOD PASS**

Not Used

Each to Receive:

2	EA	FP HINGE	NW631 FPB	USP	NWSH
1	EA	LOCKING DEVICE	57700ECP x K2S	USP	R R Brink
1	EA	FOOD PASS LOCK	7017	USP	R R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH
1	EA	FLUSH PULL	BY SECURITY DOOR MFG.	USP	PJBC

DETENTION PACKAGE

**Hardware Set S06 DAYROOM TO DAYROOM**

Dr# E108B, E109B, E111B, E112B, E113B, E114B, E115B, E116B, E117B, E118B, E119B, E121B, E122B, E123B, E208, E209, E214, E215, E217, E218, E222, E223

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
1	EA	ELECT JAMB LOCK	5026M - MSLH - 24VDC	USP	R R Brink
2	EA	COMBO PULL	NW 701 - TORX MS	US32D	NWSH
1	EA	CONC CLOSER	2214	AL	LCN
1	EA	WALL STOP	NW706	BLAC	NWSH K
1	EA	THRESHOLD	8135-36" X TORX	AL	NGP
1	SE	GASKETING	5050C - 17'	CHAR	NGP
1	EA	MAGNETIC DPS	201020	US32D	R R Brink

**Hardware Set S07 RESTROOM DOOR - MONITORING**

DR# D162B, D162C, D165B, D165C, E127, E106A, E107A

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
1	EA	MECH LOCK	7086 - HM MTG - 7080KS - 2/ESC (1-WAY)	USP	R R Brink
1	EA	STRIKE	7080KD		R R Brink
1	EA	Extra Strike to lock door open WALL STOP	NW706	BLAC	NWSH K
3	EA	SILENCERS	608	GREY	Rockwo od
1	EA	MAGNETIC DPS	201020	US32D	R R Brink

Franklin County Public Safety Facility  
Union, MO

DETENTION PACKAGE

**Hardware Set S08 MECH DOOR w/LABEL**

Storeroom      Function

Lock Not Used

Each to Receive:

DETENTION PACKAGE

**Hardware Set S08A EXTERIOR CHASE DOORS**

**Dr# E131, E132, E133, E134, E135**

3	<u>EA</u>	<u>HINGE</u>	<u>NW645 FMST x #30 Torx</u>	<u>US32D</u>	<u>NWSH</u>
1	<u>EA</u>	<u>MECH LOCK</u>	<u>1042-401 x LE</u>	<u>26D</u>	<u>R R Brink</u>
1	<u>EA</u>	<u>KEEPER SWITCH</u>	<u>201040</u>	<u>US32D</u>	<u>R R Brink</u>
1	<u>EA</u>	<u>CONC CLOSER</u>	<u>2214</u>	<u>AL</u>	<u>LCN</u>
1	<u>EA</u>	<u>WALL STOP</u>	<u>NW706</u>	<u>BLAC</u>	<u>NWSH</u>
				<u>K</u>	
3	<u>EA</u>	<u>SILENCERS</u>	<u>608</u>	<u>GREY</u>	<u>Rockwood</u>
1	<u>EA</u>	<u>MAGNETIC DPS</u>	<u>201020</u>	<u>US32D</u>	<u>R R Brink</u>
1	<u>EA</u>	<u>WEATHERSTRIPPING</u>			
1	<u>EA</u>	<u>THRESHOLD</u>			

**Hardware Set S09 EXTERIOR DOOR**

Dr#D118C, E125A

Each to Receive:

3	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
1	EA	ELECT JAMB LOCK	5026M - MSLH - 24VDC	USP	R R Brink
1	EA	LOOP PULL	NW601	US32D	NWSH
1	EA	COMBO PULL	NW 701 - TORX MS	US32D	NWSH
1	EA	CONC CLOSER	2214	AL	LCN
1	EA	FLOOR STOP	NW 606	BLAC	NWSH
				<u>K</u>	
1	EA	THRESHOLD	896S-36" X TORX	AL	NGP
1	SE T	WEATHERSTRIP	161SA-3070	AL	NGP
1	EA	MAGNETIC DPS	201020	US32D	R R Brink

NOTE: Add Peephole

DETENTION PACKAGE

**Hardware Set S20 Spare Parts**

Maintenance Area

6	EA	HINGE	NW645 FMST x #30 Torx	US32D	NWSH
4	EA	ELECT JAMB LOCK	5020M-MSLH - 24VDC	US32D	R R Brink
4	EA	CONC CLOSER	2214	AL	LCN
4	EA	MAGNETIC DPS	201020	US32D	R R Brink
1	SE T	SWITCH	4 Each type used		R R Brink
2	SE T	MOTOR	5020M - 24VDC		R R Brink
1	SE T	MOTOR	57700 Gear		R R Brink

END OF SECTION 11 19 53

THIS PAGE INTENTIONALLY LEFT BLANK