



**FRANKLIN COUNTY
PURCHASING DEPARTMENT
REQUEST FOR BID (RFB) COVER PAGE**

RFB NO: 2019-A3

TITLE: Detention and Security

Solicitation Schedule & Deadlines:

| | |
|-------------------------------|-----------------------------------|
| February 6, 2019 | Solicitation Release Date |
| February 11, 2019 11:00 AM | Site Review |
| February 13, 2019 2:00 pm | Deadline for Submitting Questions |
| February 15, 2019, 4:30 pm | Deadline to post Addendum |
| February 26, 2019 at 9:00 AM | Deadline to Submit Response |
| February 26, 2019 at 10:00 AM | Opening Date Time |

Responses must be received no later than "Deadline to Submit Response"

February 22, 2019 at 9 am

Kathy Hardeman, Purchasing Agent

Ann Struttmann, Assistant Purchasing Agent

Phone: 636-584-6274 Email: purchasing@franklinmo.net

Submittal Instructions: Print this Packet in its entirety and complete all pages per instructions. Print the SEALED RESPONSE LABEL found in Attachment 1 of this packet and attach to the front of your envelope.

Company Name: _____

SUBMISSION CHECKLIST

_____ I have reviewed the bid schedule and deadlines, located on the solicitation cover page

_____ I have read ALL Terms and Conditions and Bid documents closely

(Located at www.franklinmo.org)

THE ITEMS LISTED BELOW ARE THE REQUIRED DOCUMENTATION FOR SUBMITTING A RESPONSE

_____ Solicitation Cover page

_____ Contractual Terms and Conditions Acknowledgement

_____ Company Profile

_____ Pricing Form completed and signed

_____ List of subcontractors, if any

_____ Certificate of Insurance (COI)

_____ Bid Bond

_____ I have one original and three copies that are labeled accordingly

_____ Envelope is sealed and label attached

SPECIFIC REQUIREMENTS

The Franklin County Government is requesting proposals 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, MO 63084.

1. Contractor shall include a company profile which should indicate the number of years in business, number of employees, certifications and licenses held, resumes of key personnel, and experience with the same size and type of projects, both new construction and renovations, including contact information.
2. Contractor shall include a list of proposed subcontractors, suppliers of major scope, etc.
3. Contractor shall include a copy of their current Certificate of Insurance (COI).
4. 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).
5. Not less than the prevailing hourly rate of wages, as set out in the wage order attached to and made part of the specification for work under the contract, shall be paid to all workers performing work under the contract.
6. The contractor will forfeit a penalty to the contracting public body of \$100 per day (or portion of a day) for each worker that is paid less than the prevailing rate for any work done under the contract by the contractor or by any subcontractor.
7. The contractor and all subcontractors to the contract must require all on-site employees to complete the ten-hour construction safety training program required under Section 292.675, RSMo, unless they have previously completed the program and have documentation of having done so.
8. The contractor will forfeit a penalty to the contracting public body of \$2500 plus an additional \$100 for each employee employed by the contractor subcontractor, for each calendar day, or portion thereof, such employee is employed without the required training.
9. Contractor shall have the ability to meet both the current anticipated production schedule and installation schedule outlined in this scope of work.
10. Upon notification of intent to award, contractor shall supply County proof of participation in E-Verify in the form of MOU (memorandum of understanding), signed contract, and a current W-9.

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 galvanized plate on 16 gauge A60 galvanized 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)
- 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.)
- 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
- 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 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 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.
- 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.

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 1)

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

The contents of this section include mandatory requirements that will be required of the successful bidder and subsequent contractor. The offeror is requested to provide responses to the requirements/desired attributes in this section pursuant to the directions identified herein. The offeror's response, whether responding to a mandatory requirement or a desired attribute, shall be binding in the event the bid is accepted by Franklin County. The offeror must provide all costs necessary to meet the mandatory requirements and the fulfillment of any desirable attributes in the appropriate section titled Pricing.

CONTRACTUAL TERMS AND CONDITIONS ACKNOWLEDGEMENT

The undersigned Vendor/Contractor has read, understood, and accepted the Terms and Conditions as published on the Franklin County Official Website located at:

<http://www.franklinmo.org>

All terms and conditions as stated shall be adhered to by Vendor/Contractor upon acceptance of contract. Vendor/Contractor enters into this agreement voluntarily, with full knowledge of its effect.

Vendor/Contractor Signature

Date

Vendor/Contractor Name and Title

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):
 - a. Furnish and install 2 sets of pads for padded cells. \$ _____
 - b. Monthly storage rate for steel cells \$ _____/mo
 - c. One Time Storage Loading/Unloading Charge \$ _____
 - d. Furnish and install all security ceilings (12ga plank) \$ _____
 - e. Furnish Mezzanine walkway, walkway handrails, mezzanine stairs, and stair handrails at mezzanine level modules. \$ _____
 - f. Install Mezzanine walkway, walkway handrails, mezzanine stairs, and stair handrails at mezzanine level modules. \$ _____
 - g. Furnish and install Security Woven Rod Barrier/Screen
 - i. (Basis of Design: Kane Innovations) at Mezzanine \$ _____

- C. Lead Times
 - a. Steel Cells:
 - b. Lead time for receipt of submittals after NTP (working days): _____
 - c. Fabrication lead time after submittal approval (working days): _____
 - d. Anticipated delivery time after fabrication (working days): _____
 - e. Anticipated installation duration after delivery (working days): _____
 - f. Misc Detention Frames & Hardware:
 - g. Lead time for receipt of submittals after NTP (working days): _____
 - h. Fabrication lead time after submittal approval (working days): _____
 - i. 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.

ATTACHMENT 1
SEALED RESPONSE LABEL

PLEASE ATTACH LABEL TO OUTSIDE OF PACKAGE

SEALED BID RESPONSE ENCLOSED

DELIVER TO:

Purchasing Department
400 East Locust St, Rm 004
Union, MO 63084

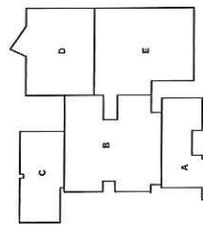
SOLICITATION # 2019-A3 DATE: 02/26/2019

DESCRIPTION: Detention and Security

Vendor Name: _____

Vendor Address: _____

A1 OVERALL FIRST FLOOR PLAN
1/8" = 1'-0"



A21 KEY PLAN
1/8" = 1'-0"

FRANKLIN COUNTY PUBLIC SAFETY FACILITY
 FRANKLIN COUNTY
 IZABELLOTTI, FRANKLIN & SECURITY
 15-2019-A3 DESIGN & SECURITY

A1.1.0

DATE: 10/15/19
 DRAWN BY: JAC
 CHECKED BY: JAC
 APPROVED BY: JAC

ARCHITECTURE
 Elizabeth Architecture
 1441 Market Street, Suite 200
 Columbus, OH 43215
 Tel: 614.221.4400
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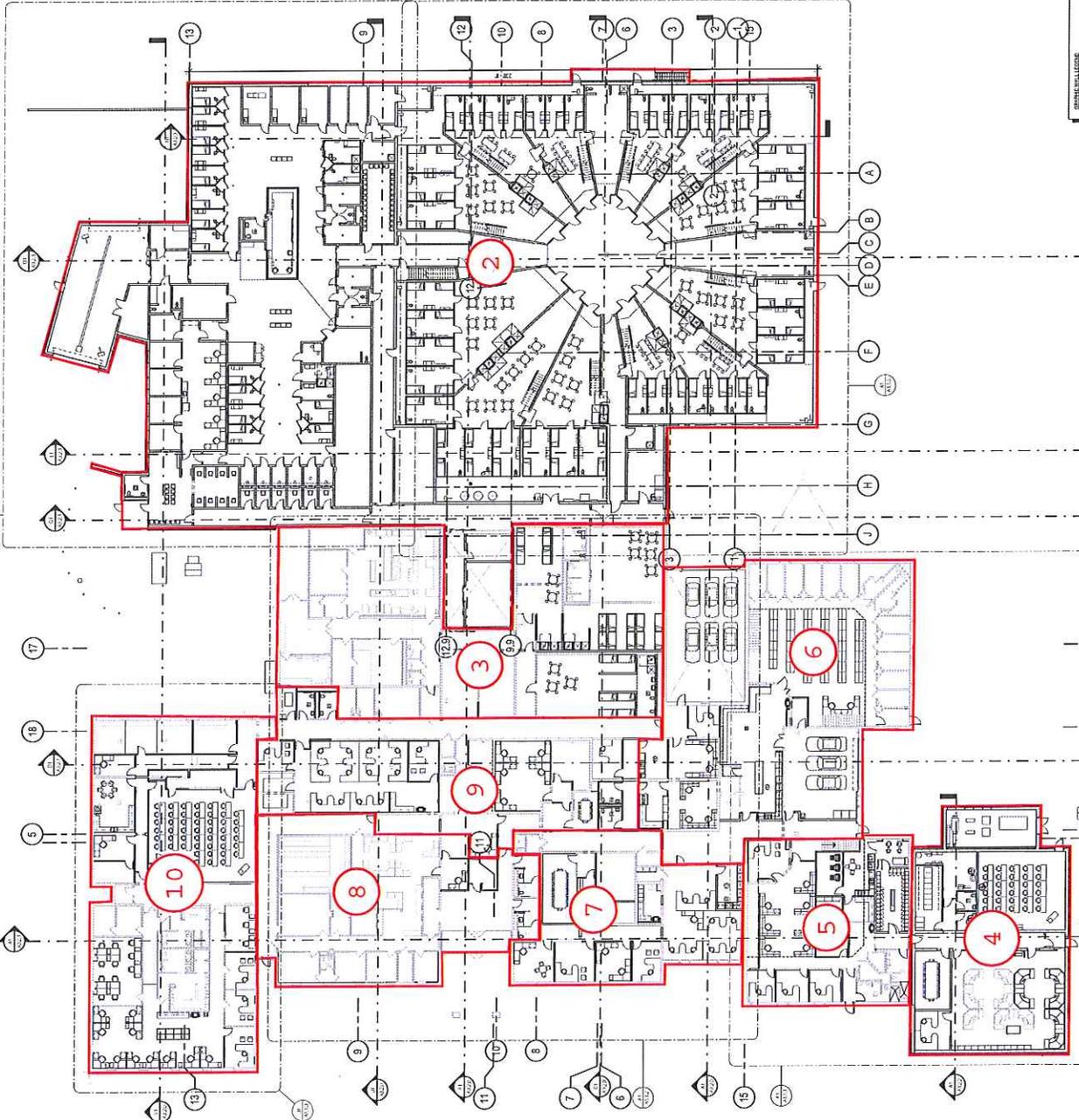
STRUCTURAL
 RPF Consulting Eng.
 11100 W. Broad St., Suite 100
 Columbus, OH 43240
 Tel: 614.221.4400
 Fax: 614.221.4401

MECHANICAL/ELECTRICAL/PLUMBING
 CMAI
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 Columbus, OH 43240
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MECHANICAL/ELECTRICAL/PLUMBING
 M&E Engineering Inc.
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 Columbus, OH 43240
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 Fax: 614.221.4401

| NO. | DATE | DESCRIPTION | ISSUANCE |
|-----|------|-------------|----------|
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| | | | |
| | | | |

THE INFORMATION ON THIS DOCUMENT IS PRELIMINARY OR INCOMPLETE. NOT FOR CONSTRUCTION, RECORDING OR IMPLEMENTATION.



Area 1 = Site

MINIMUM ALLOWED
 100 PSF
 150 PSF
 200 PSF
 250 PSF
 300 PSF
 350 PSF
 400 PSF
 450 PSF
 500 PSF
 550 PSF
 600 PSF
 650 PSF
 700 PSF
 750 PSF
 800 PSF
 850 PSF
 900 PSF
 950 PSF
 1000 PSF

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.