



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

RFB NO: 2019-A5

TITLE: Materials Testing and Special Inspections

Solicitation Schedule & Deadlines

May 6, 2019	Solicitation Release
May 8, 2019	Advertising Date
May 10, 2019 8:00 am	Deadline for Submitting Questions
May 13, 2019 4:30 pm	Deadline to post Addendum
May 21, 2019 2:00 pm	Deadline to Submit Response
May 21, 2019 2:30 pm	Opening Date I Time

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

May 21, 2019 2:00pm

Ann Struttmann, Purchasing Agent

Shakara Bray, 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

USE THESE FORMS ONLY

_____ Solicitation Cover page

_____ Contractual Terms and Conditions Acknowledgement

_____ Pricing Form completed and signed

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

_____ I have included contact information

_____ Envelope is sealed and label attached

_____ Affidavit for Work Authorization is completed and Notarized

SPECIFIC REQUIREMENTS

The County of Franklin, Missouri is seeking bids for the Construction Material Testing and Special Inspections for the construction of the Additions and Renovations to the existing Franklin County Sheriff Station, Jail, and Communication Center located at 1 Bruns Drive, Union, Missouri, 63084.

Responders shall submit the following:

- 1) 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
 - e. staff resumes listing all certifications achieved
- 2) Contractor shall include a copy of their current Certificate of Insurance (COI)
- 3) List of ALL Contractor's proposed subcontractors/sub-consultants, if any
- 4) Ability to meet both the current anticipated schedule outlined in this scope of work.
- 5) Completed Bid Form
- 6) 2019-2021 Comprehensive Rate Schedule for Personnel, Equipment, and Testing

SCOPE OF WORK

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. The Project consists of construction of the following:

- New load bearing masonry jail addition, approximately 53,000 SF. Structural steel roof structure. One story with mezzanine space.
- New load bearing ICC500 single story addition, approximately 4,500 SF.
- Interior renovations of existing Sheriff's Department and Jail, approximately 49,000 SF.
- The scope of work includes, at a minimum, window water test, soil, subgrade, rebar, concrete, asphalt, masonry and steel testing & inspections.

This firm shall use their experience on past similar and recent projects to determine and propose on their specific scope of work and services. The project is being permitted under IBC/IEBC 2018 which is in excess of the current required codes enforced by the City of Union.

See also the special inspections requirements on the structural drawings/specifications.

The following list serves as a guide for potential services required:

- Concrete mix design reviews
- Concrete reinforcement placement inspection
- Concrete reinforcement welding inspection
- Batch plant inspection
- Concrete placement inspection
- Mortar and Grout Testing
- Drilled caissons
- Steel fabrication inspection at plant
- Steel erection inspection
- Welding inspection (Certified CWI)
- Decking
- Stair railing systems
- Welding Certification Procedure
- Bolting Inspection
- Shear stud inspections
- Anchor tension testing
- Fireproofing density testing
- Concrete reinforcement testing
- Concrete Compressive Strength of Concert Cylinders ASTM C39
- Aggregate Testing
- Pull test epoxied rebar (if needed)
- Asphalt extraction test
- Moisture Content ASTM D2216
- Particle Size Analysis ASTM D422
- Particle Size Analysis (Cohesive samples) ASTM D4318
- Atterberg limits ASTM D4318
- Organic Content ASTM D2974
- Standard Proctor ASTM698 – 6” mold
- Modified Proctor ASTM D1577 – 6” mold
- Nuclear Gauge testing

Special inspections, include, but are not limited to the following:

Concrete construction (1704.4 & Table 1704.4)

Concrete Reinforcement (1708.2)

Steel Construction (1704.3 & Table 1704.3) (welding, high strength bolts)

Masonry Construction (1704.5 & Tables 1704.5.1 & 1704.5.3)

Soils (1704.7 & 1802.2)

Mastic & Intumescent fire-resistant coatings (1704.13)

The firm is required to commit one project inspector who will be responsible for overseeing all testing and inspections required for the project and report to the Owner and/or its Owner Representative. The project inspector must have experience in overseeing testing and inspection programs for similar projects; must have excellent management and communication skills, and the ability to work in partnership with the Owner staff/representative.

The firm shall be required to prepare and submit written reports on all inspections and testing. Reports will summarize all findings, conclusion and recommendations determined during testing procedures. All field reports will be prepared under the supervision of a Professional Engineer registered in the State of Missouri. Field reports will be typed and e-mailed on a weekly basis. Copies of hand-written daily reports shall be made and left at the site with the Owner Representative every day before leaving the site. The inspectors are required to sign in and sign out every day during inspections.

All personnel intended to work on the project shall be approved by the Owner prior to working on the project.

Background checks for workers including office staff that visit site regularly will be required. Vendor delivery drivers will not be required to have background checks. List of employees who have passed background check for prime Contractors and their subcontractors to be provided before starting work. Background checks to consist of Name Search provided by Missouri State Highway Patrol. Search can be requested and paid for by using following website: www.machs.mo.gov. Results of background checks will only consist of a list of workers that passed. Workers with felony convictions for violent crimes or who are on the sex offender list will be deemed to have not passed the background check and are not allowed on the construction site.

The firm shall be willing and able to read and interpret the geotechnical report for the project. Then using the recommendations of the report and the test results being achieved the firm shall provide direction and recommendations to the construction team and Owner

Representative as to how to remediate/proceed accordingly. This includes but is not limited to import of suitable soils/granular, geo-grid recommendations, etc.

Bid shall include a list of the firm's unit prices and hourly rates to be used in the event that additional services are needed throughout the course of the project. These rates will be maintained for the duration of the project.

Successful firm will be responsible for coordinating with the Owner & Owner Representative and Prime Contractors for all services rendered.

Construction schedule will be phased. The anticipated construction schedule is as follows:

Issuance of 2019-A5 Construction Materials Testing & Inspections Bid Package	May 8, 2019
Advertisement	May 8, 2019
Receipt of 2019-A5 Bids	May 24, 2019
Anticipated Commission Award (NTP) of 2019-A5 Bid	June 4, 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 10a Road Patrol, and Site
- Phase II: Area 3 (Kitchen, Laundry, Dishwashing, Trustee Housing, Weekender Housing, and Women's Housing), Renovations of Existing Sheriff's Department and Jail for Area 5 (EMA), Area 6 (Evidence), Area 7 (Narcotics), Area 8 (Sheriff Admin & lobby), and Area 9 (Detectives).
- Phase III: Renovations of Existing Sheriff's Department for Area 10b (Road Patrol)

See attached phasing diagram.

BID SUBMITTAL

Bids will be received in person no later than 2:00 PM on May 24th, 2019 to:

Franklin County, Missouri

Attn: Ann Struttman, Purchasing Agent

400 East Locust Street, Room 004

Union, Missouri, 63084.

Documents are available through the County's website:

<https://vrapp.vendorregistry.com/Bids/View/BidsList?BuyerId=2e2b6b16-84e8-4c98-8379-cf07507e6793>

Please submit bids in a sealed envelope with provided label.

Please submit bids in DUPLICATE.

The following are the contents that all bids must include. All the listed submittals should be addressed completely and should follow, as closely as possible, the order and format in which it is listed below.

1. Cover Letter:

The cover letter should briefly state the understanding of the work to be performed, and a statement as to why the company believes it is best qualified to perform the services. The cover letter should also include the name(s) of the person(s) authorized to represent the proposer, title, address, and telephone number.

2. Related Experience and References:

Bid shall include the name, address and telephone number of three to five clients for whom services similar to those described in this Request for Bids have been performed. Bid shall also include a brief description of the past services provided for each reference. Municipal or other government client references are preferred.

3. Project Team:

Bid shall include resumes for all the key project team members including educational background/training, years of experience, certifications, related experience and detailed descriptions of roles played on past projects.

Bid shall also list all certifications held by the bidder's testing lab & technicians.

4. Fee:

Bidder shall complete the attached bid table.

Bid shall also provide a 2019-2021 comprehensive rate/fee schedule for each labor category proposed for the performance of the work. Bid should clearly state basis for the proposed fee (hourly, lump sum, by task, other) and the method for billing additional services beyond the initial scope of service. The fee schedule shall itemize the methodology for billing reimbursable expenses such as travel, production of documents, purchase of data, etc. Bid shall provide a unit costs for any potential proposed services not listed in the scope of work.

Overtime will be approved at 1.5x the rates.

Owner will not accept hourly minimums on services. Services will be paid for work performed and time spent on the project.

5. Disclosure

Bidder will disclose any professional or personal financial interest which could be a possible conflict of interest in contracting with the Owner, including a list of any clients currently under contract in the Owner's jurisdiction. Bid shall further disclose all current and unresolved litigations, arbitrations, or mediations of the company.

ADDITIONAL INFORMATION

The Owner reserves the right to reject any or all bids. The Owner reserves the right to waive any variances from original RFB specifications in cases where the variances are considered to be, in the sole discretion of the Owner, in the best interest of the Owner.

Bids may be modified or withdrawn prior to the time and date specified for bid submission by formal written notice from an authorized representative of the applicant.

All bids submitted in response to this RFB shall become the property of the Owner after the bid submission deadline and may be released as public documents after that time.

CONTRACTOR AND SUBCONTRACTOR INSURANCE

The selected firm will be required to furnish a Certificate of Insurance.

The Contractor shall not commence work under this Contract unless he or she has obtained the insurance required under this paragraph, and such insurance has been approved by the Owner,

nor shall the Contractor permit any subcontractor to commence work on his or her subcontract until the insurance required of the subcontractor has been so obtained and approved.

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.

G. 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:

1. Subcontractors are not required to provide All-Risk Builders Risk Insurance;
2. Subcontractors with an initial contract amount less than \$100,000.00 may provide liability coverage limits of
3. \$1,000,000.00 in addition to a \$1,000,000.00 umbrella policy;
4. Subcontractors need not carry OCPL coverage if contractor's coverage is inclusive;
5. The Contractor and/or subcontractor shall furnish the Owner prior to beginning any work satisfactory proof of
6. carriage of all the insurance required by this Contract, with the provision that policies shall not be canceled,
7. modified or non-renewed without thirty (30) days written notice to the Owner.

H. Professional liability insurance coverage in the amount of Three Million Dollars (\$3,000,000) for each claim.

I. Insurance with Other Than Missouri Companies

Any insurance policy required as specified hereinbefore, if written by an insurance company organized in a state other than Missouri, shall be countersigned by a Missouri resident agent of such company. Any certificate or other evidence of insurance, submitted to the Owner, shall be in a form acceptable to the Owner. In the case of policies written by companies organized in a state other than Missouri, the certificate of insurance, or other evidence submitted, shall be countersigned by a Missouri resident agent.

J. Certificate of Insurance

All insurance hereinbefore specified shall be carried until all work required to be performed under the terms of the Contract is satisfactorily completed as evidenced by the formal acceptance by the Owner.

A certificate of insurance acceptable to the Owner shall be filed with the Owner prior to commencement of the work. These certificates shall contain a provision that coverages afforded under the policies will not be canceled until at least thirty days prior written notice has been given to the Owner. The certificate shall state that the Owner and Owner's Representative/Construction Manager is named as an additional insured.

CONTRACTOR INDEMNIFICATION

The Contractor and its surety shall indemnify and save the owner and all of its officers, engineers, representatives, agents, and employees harmless from all suits, actions, including costs of defense, or claims of any character, name, and description, brought for or on account of any injuries or damages received or sustained by any persons or property, by or from the Contractor, or by or in consequence of any neglect in safeguarding the work, or through the use of unacceptable materials in constructing the roadway, or by or on account of any claims or amount recovered from any infringement of patent, trademark, or copyright, or from any claims or amounts arising or recovered under the Workmen's Compensation Law or any other law, bylaw, ordinance, order, or decree. The Owner may retain from any monies due or to become due to the Contractor such sum or sums as shall be deemed necessary to protect the Owner's interest until such suits, action or actions, claim or claims for injuries or damages as aforesaid shall have been settled and suitable evidence to that effect furnished to the Owner.

EQUAL OPPORTUNITY EMPLOYMENT

The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or disability. Such action shall include, but not be limited to, the following; employment, upgrading, demotion, or transfer; recruitment; advertising; layoff or termination; rates of pay or other forms of compensation; and selection of training, including apprenticeship. The Contractor shall state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or disability. The Contractor shall incorporate the foregoing requirements of this paragraph in all of its subcontracts for work performed under the terms and conditions of this Contract. A breach of this provision may be grounds for Contract termination.

ACCIDENT PREVENTION: OSHA

In the performance of this Contract, the Contractor shall comply with all applicable Federal, State, County, and local laws governing safety, health, and sanitation. The Contractor and any subcontractor shall not require any laborer or mechanic employed in performance of this Contract to work in surroundings or other working conditions which are unsanitary, hazardous, or dangerous to his or her health or safety, as determined under Construction Safety and Health Hazards Title 29, Code of Federal Regulations, Part 1926.

EXHIBITS

Drawings and Specifications issued by FGM Architects dated March 29, 2019

Addendum No. 1 dated April 12, 2019

Addendum No. 2 dated April 25, 2019

Addendum No. 3

Diagram of Phasing

Bid Table (Attached)

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.

AFFIDAVIT OF WORK AUTHORIZATION

The grantee, sub grantee, contractor or subcontractor who meets the section 285.525, RSMo definition of a business entity must complete and return the following Affidavit of Work Authorization.

Comes now _____ (Name of Business Entity Authorized Representative)
as _____ (Position/Title)

first being duly sworn on my oath, affirm _____ (Business Entity Name) is enrolled and will continue to participate in the E-Verify Federal Work Authorization program with respect to employees hired after enrollment in the program who are proposed to work in connection with the services related to _____ (Bid/Grant/Subgrant/Contract/Subcontract) for the duration of the grant, subgrant, contractor, or subcontractor, if awarded in accordance with subsection 2 of section 285.530, RSMo. I also affirm that _____ (Business Entity Name)

does not and will not knowingly employ a person who is an unauthorized alien in connection with the contracted services related to _____ (Bid/Grant/Subgrant/Contract/Subcontract) for the duration of the grant, subgrant, contract, or subcontract, if awarded.

In Affirmation thereof, the facts stated above are true and correct. (The undersigned understands that false statements made in this filing are subject to the penalties provided under section 575.040, RSMo.)

Authorized Representative's Signature

Printed Name

Title

Date

Subscribed and sworn to before me this _____ of _____, I am
Day Month, Year

commissioned as a notary public within the County of _____, State of _____ and my commission expires on Date _____

Signature of Notary

Date

AFFIDAVIT OF WORK AUTHORIZATION

(Continued)

CURRENT BUSINESS ENTITY STATUS

I certify that _____ (Business Entity Name) **MEETS** the definition of a business entity as defined in section 285.525, RSMo pertaining to section 285.530, RSMo as stated above.

Authorized Business Entity Representative's Name (Please Print)	Authorized Business Entity Representative's Signature
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Business Entity Name	Date
----------------------	------

As a business entity, the grantee, sub grantee, contractor, or subcontractor must perform/provide the following. The grantee, sub grantee, contractor, or subcontractor shall check each to verify completion/submission:

- Enroll and participate in the E-Verify Federal Work Authorization Program (Website: <http://www.dhs.gov/e-verify>; Phone: 888-464-4218 Email: e-verify@dhs.gov) with respect to the employees hired after enrollment in the program who are proposed to work in connection with the services required herein;

AND

- Provide documentation affirming said company's/individual's enrollment and participation in the E-Verify Federal Work Authorization Program. Documentation shall include a page from the E-Verify Memorandum of Understanding (MOU) listing the grantee's, subgrantee's, contractor's, or subcontractor's name and the MOU signature page completed and signed, at minimum, by the grantee, subgrantee, contractor, or subcontractor and the Department of Homeland Security – Verification Division; (if the signature page of the MOU lists the grantee's, subgrantee's, contractor's, or subcontractor's name, then no additional pages of the MOU must be submitted).

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

PRICING FORM

2019-A5 Materials Testing and Special Inspections

REQUIRED PRICING

The bidder shall complete the following pricing form and provide firm, fixed pricing necessary to meet the mandatory requirements of the solicitation.

Division	Description	Unit	Unit Rate (\$)	Estimated Units	Estimated Fee (\$)
Concrete					
	Field Representative	Hourly		300	
	Cylinder Pick-Up	Hourly		80	
	Test Cylinders	Each		300	
	Trip Charges	Each		100	
Reinforcing Steel					
	Inspection	Hourly		60	
	Trip Charges	Each		40	
Asphalt					
	Technician	Hourly		16	
	Nuclear Gauge	Daily		4	
	Trip Charges	Each		4	
Soils/Compaction					
	Geotech Engineer	Hourly		20	
	Technician	Hourly		260	
	Nuclear Gauge	Daily		80	
	Trip Charges	Each		80	
	Proctor Soil	Each		4	
	Proctor Rock	Each		4	
	Atterberg Limits	Each		4	
Structural Steel					
	Inspection	Hourly		50	

Pricing Cont.

	Equipment	Daily		5	
	Trip Charges	Each		15	
Fireproofing					
	Field Inspection	Hourly		10	
	Lab Technician	Hourly		4	
	SFRM Tests	Each		4	
	Trip Charges	Each		4	
Floor Flatness/ Floor Levelness					
	Field Representative	Hourly		40	
	Equipment	Daily		10	
	Trip Charges	Each		10	
Footing/Foundations					
	Subgrade Observation	Hourly		40	
	Trip Charges	Each		10	
Structural Masonry					
	Field Representative	Hourly		360	
	Sample Pick-Up	Hourly		90	
	Grout Samples	Each		240	
	Trip Charges	Each		120	
Project Management					
	Manager, PE	Hourly		20	
	Sr. Engineer, PE	Hourly		60	
	Administration	Hourly		40	
	Trip Charges	Each		10	
Estimated Total Fee:					

Pricing Cont.

Bidder shall complete the above bid table.

Bidder shall also attach a 2019-2021 comprehensive rate/fee schedule for each labor category proposed for the performance of the work. Bid shall provide unit costs for any potential proposed services not listed in the scope of work.

Overtime will be approved at 1.5x the rates.

Owner will not accept hourly minimums on services. Services will be paid only for work performed and time spent on the project.

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.

VENDOR INFORMATION

Company Name _____

Mailing Address _____

Phone number _____

Contact Name _____

Contact Name Title _____

Email Address _____

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-A5 DATE: May 21, 2019 2:00pm

DESCRIPTION: Materials Testing and Special Inspections

Vendor Name: _____

Vendor Address: _____