

**MISSOURI DEPARTMENT OF TRANSPORTATION
PROCUREMENT
600 NE COLBERN ROAD
LEE'S SUMMIT, MO 64064**

REQUEST NO.	KC-B16-001
DATE	September 23, 2015
PAGE NO. 1	NO. OF PAGES 18

SEALED BIDS, SUBJECT TO THE ATTACHED CONDITIONS WILL
BE RECEIVED AT THIS OFFICE UNTIL

October 6, 2015 at 1:00 PM CT

AND THEN PUBLICLY OPENED AND READ FOR FURNISHING
THE FOLLOWING SUPPLIES OR SERVICES.

**BIDS TO BE BASED F.O.B. MISSOURI DEPARTMENT OF
TRANSPORTATION**

Submit net bid as cash discount stipulations will not be considered

F.O.B. Destinations

Locations as referenced in bid

THE BIDDER MUST SIGN AND RETURN BEFORE DATE AND TIME SET FOR OPENING.

BUYER:	Judy M. Franke, CPPB Sr. Procurement Agent	BUYER TELEPHONE:	816-347-4111
		BUYER EMAIL:	Judy.Franke@modot.mo.gov

SUPPLIES OR SERVICES

Bridge Repairs (# A1495) Route 2 Over I-49, Cass County

To establish a contract to furnish bridge repair services with an effective date of Notice to Proceed and ending November 15, 2015 in accordance with the following pages. See **PLAN SHEET(S) and GENERAL WAGE ORDER No. 59 posted on MoDOT's GS Bidding Web Site.**

Bidders are encouraged to obtain minority business enterprise (MBE) and women business enterprise (WBE) participation in this work through the use of subcontractors, suppliers, joint ventures, or other arrangements that afford meaningful participation for M/WBEs. Bidders are encouraged to obtain 10% MBE and 5% WBE participation.

Return sealed bid to the address shown at the top of this page.

**It is the responsibility of the Bidder to access MoDOT's website in order to obtain
any and all addenda(s) issued during the course of this RFB Process.**

All questions regarding this RFB shall be submitted to the RFB Coordinator/Contact.

(SEE ATTACHED FOR CONDITIONS AND INSTRUCTIONS)

*In compliance with the above Request For Bid, and subject to all conditions thereof, the undersigned bidder agrees to furnish and deliver
any or all the items on which prices were bid within the timeframe specified herein, after receipt of formal purchase order.*

Date: _____
Telephone No.: _____
Fax No.: _____
Federal I.D. No. _____
Email Address: _____

Is your firm MBE certified? ☐ Yes ☐ No

Is your firm WBE certified? ☐ Yes ☐ No

Firm Name: _____
Address: _____

By (Signature): _____
Type/Print Name _____
Title: _____

1. INTRODUCTION AND GENERAL INFORMATION

RFB KC-B16-001

1.1 INTRODUCTION:

- 1.1.1 This Request for Bid (RFB) seeks bids from qualified organizations to provide **bridge repair services** located on Route 2 over I-49 in Cass County with an effective contract period of **Notice to Proceed through November 15, 2015**, to the Missouri Highways and Transportation Commission (MHTC) and Missouri Department of Transportation (MoDOT). Each bid must be in a sealed envelope, be mailed or delivered by courier to the RFB Coordinator at the below listed address, on or before the date and time listed herein for receipt of bids/proposals. All questions regarding the RFB shall be submitted to the RFB Coordinator. **Bids must be returned to the office of the RFB Coordinator no later than 1:00 p.m., CT, October 6, 2015.**

RFB COORDINATOR:

(Mailing Address)

**Judy M. Franke, Sr. Procurement Agent
Missouri Department of Transportation
Procurement Department
600 NE Colbern Road
Lee's Summit, MO 64086**

(Physical Address)

**2050 NE Independence Ave.
Lee's Summit, MO 64064**

PHONE: 816-347-4111

1.2 GENERAL INFORMATION:

- 1.2.1 This document constitutes an invitation for competitive, sealed bids for the procurement of bridge repair services as set forth herein.
- 1.2.2 Organization: This RFB is divided into the following parts:
- 1) Introduction and General Information
 - 2-8) Scope of Work
 - 9) Bid Submission
 - 10) Pricing Page(s)
 - 11) Vendor Information and Preference Certification Form
 - 12) Anti-Collusion Statement
 - 13) Annual Worker Eligibility Verification Affidavit
 - 14) Terms and Conditions

1.3 GENERAL REQUIREMENTS:

- 1.3.1 The contractor shall provide bridge repair services for the MHTC and MoDOT, in accordance with the provisions and requirements stated herein.
- 1.3.2 The contractor shall provide all services to the sole satisfaction of MoDOT.
- 1.3.3 MoDOT does not guarantee any specific number of hours to be utilized by this contract.
- 1.3.4 Unless otherwise specified herein, the contractor shall furnish all material, labor, facilities, equipment, and supplies necessary to provide the services required herein.
- 1.3.5 MoDOT reserves the right to reject any or all bids, and to accept or reject any items thereon, and to waive technicalities.
- 1.3.6 This work is to be performed under the general supervision and direction of MoDOT and, if awarded any portion of the work, the Contractor agrees to furnish at his own expense all labor and equipment required to complete the work, it being expressly understood that this solicitation is for completed work based upon the price(s) specified and is not a solicitation for rental of equipment or employment of labor by MoDOT, and MoDOT is to have no direction or control over the employees used by the Contractor in performance of the work.
- 1.3.7 Within 30 calendar days after the execution of the contract, a "Notice to Proceed" will be issued by MoDOT. A purchase order will be attached to the "Notice to Proceed," which will specify the date or dates that the Contractor can begin work and will also include the completion dates. These dates will be in accordance with the dates shown in the proposal.

2. SCOPE OF WORK

2.0 CONSTRUCTION REQUIREMENTS:

- 2.2.1 **Description.** This provision contains general construction requirements for this project.
- 2.2.2 **Construction Requirements.** Plans for the existing structure are included in the contract with the bridge plans for informational purposes only.
- 2.2.3 In order to assure the least traffic interference, the work shall be scheduled so that any roadway width restriction is for the absolute minimum amount of time required to complete the work. The roadway width shall not be restricted until material is available for continuous construction and the contractor is prepared to diligently pursue the repair work until the roadway width restriction is eliminated. The exterior stringer being repaired shall have all traffic live load shifting away as directed by the engineer.
- 2.2.4 Provisions shall be made to prevent any debris and materials from falling onto the roadway. Any debris and materials that falls below the bridge outside the limits mentioned previously and if determined necessary by the engineer, the debris shall be removed as approved by the engineer at the contractor's expense. Traffic under the bridge shall be maintained in accordance with the contract documents.
- 2.2.5 Any damage sustained to the remaining structure as a result of the contractor's operations shall be repaired or the material replaced as approved by the engineer at the contractor's expense.
- 2.2.6 Provisions shall be made to prevent damage to any existing utilities. Any damage sustained to the utilities as a result of the contractor's operations shall be the responsibility of the contractor. All costs of repair and disruption of service shall be as determined by the utility owners and as approved by the engineer.
- 2.2.7 A washer shall be required under head and nut when any reaming is performed for bolt installation.
- 2.2.8 SSPC-SP2 and SSPC-SP-3 surface preparation shall be in accordance with the environmental regulations in [Sec1081](#) and collection of residue shall be in accordance with [Sec1081](#) for collection of blast residue. SSPC-SP6, SSPC-SP10 and SSPC-SP-11 surface preparation shall be in accordance with the approved blast media and environmental regulations in [Sec1081](#) and collection of blast residue shall be in accordance with [Sec1081](#).

2.3 COATING INFORMATION:

- 2.3.1 **Existing Bridge Information.** The existing paint system is non-lead based and is a zinc primer only.
- 2.3.2 **Environmental Contact.** Environmental Section may be contacted at the below address or phone number. The Missouri Department of Health may be contacted at 573-751-6102.

MoDOT - Design Division - Environmental Section
PO Box 270
105 W Capitol Ave, Jefferson City, MO 65102
Telephone (573) 526-4778

- 2.3.3 **Approved Smelter and Hazardous Waste Treatment, Storage and Disposal Facility.** The following is the approved smelter and hazardous waste treatment, storage and disposal facility:

Doe Run Company-Resource Recycling Division-Buick Facility
Highway KK
Boss, MO 65440
Telephone 573-626-4813

2.4 Method of Measurement. No measurement will be made.

2.5 Basis of Payment. Payment for the above described work will be considered completely covered by the contract unit price for other items included in the contract.

3.0 DAMAGED BOTTOM FLANGE REPAIRS:

3.1.1 Description. This work shall consist of performing testing to locate the end of tear/crack of the damaged bottom flange and repairing the tear/crack as described below and as required by the engineer.

3.2.1 Construction Requirements.

3.2.2 After the damaged bottom flange is heat straightened to its position before being damaged, the tear/crack shall be tested with the use of a dye penetrate test to establish the end of the tear/crack. The testing inspector shall be qualified as a NDT Level II as specified in the American Society of Non-Destructive Testing, recommended practice no. SNT-TC-1A and shall be on the list as maintained in the Bridge Office.

3.2.3 The contractor shall provide the satisfactory means to access the location to be tested.

3.2.4 The testing inspector shall furnish the engineer with a report of test results. The testing inspector shall maintain a log of the time spent inspecting and the log shall be signed by the engineer.

3.2.5 The contractor shall drill a ¾" diameter hole centered on the end of the tear/crack thru the bottom flange.

3.2.6 During replacement of the bottom splice plate, the stringer shall be supported by temporary falsework. The responsibility for the design and construction of falsework required to support the wide flange stringer shall rest solely with the contractor. The design shall insure that the falsework be capable of supporting all applicable dead loads and any construction loads. The design shall also provide an adequate factor of safety when selecting the temporary support members.

3.2.7 The damaged area of the bottom flange and adjacent web shall be recoated with a prime coat of System G in accordance with Sec 1081. This includes the area damaged by heat straightening, the testing services, inside of the new drilled hole and any cracks that have damaged the existing coating.

3.3 Method of Measurement. No measurement will be made.

3.4 Basis of Payment. Payment for the work described above, including all material, equipment, labor and any other incidental work necessary to complete this item, will be considered completely covered by the contract lump sum price for "Heat Straightening".

4.0 HEAT STRAIGHTENING OF DAMAGED STRINGER:

4.1.1 Description. This work shall consist of furnishing the necessary materials, labor, and equipment for heat straightening the damaged stringer. This work shall be in accordance with this job special provision, the bridge plans and as required by the engineer.

4.2.1 Experience Requirements.

4.2.2 The contractor's organization shall have at least 5 years of experience in conducting heat- straightening repairs for damaged steel structures. During the preceding three year period, the contractor shall have conducted an average of at least 2 heat-straightening projects per year. Experience documentation shall include: date of project, location, bridge owner, number and type of members straightened, and duration of project.

- 4.2.3 The contractor's field supervisor shall be a registered professional engineer qualified to practice in one of the following disciplines: structural, metallurgical, or welding engineering.

4.3 Equipment

- 4.3.1 Heating shall be with an oxygen-fuel combination. The fuel may be propane, acetylene or other similar fuel as may be selected by the contractor, subjected to the engineer's approval.
- 4.3.2 Heat application shall be by single or multiple orifice tips only. The size of the tip shall be proportional to the thickness of the heated material. No cutting torch heads are permitted.
- 4.3.3 Jacks, come-alongs or other force application devices shall be gauged and calibrated so that the force exerted by the device may be controlled and measured. No external force shall be applied to the structure by the contractor unless it is measured.

4.4 Damage Assessment

- 4.4.1 Suspected areas of cracking determined from visual inspection shall be called to the attention of the engineer and shall be inspected by one or more of the following methods as applicable:
- (a) Liquid penetrant examination as described in ASTM E165 (1994 or latest edition).
 - (b) Magnetic-Particle testing as described in ASTM E709 (1994 or latest edition).
 - (c) Ultrasonic examination as described in section 6, part C of the ANSI/AASHTO/AWS Bridge Welding Code D1.5, American Welding Society (1996 or latest edition).
 - (d) Radiographic examination as described in section 6, part B of the ANSI/AASHTO/AWS Bridge Welding Code D1.5, American Welding Society (1996 or latest edition).
- 4.4.2 The contractor shall identify and document all yield zones, yield lines and associated damage and provide this information to the engineer prior to initiation of heat straightening by either visual inspection or measurements.
- 4.4.3 Steel with strains up to 100 times the yield strain may be repaired by heat straightening. For strains greater than this limit, the engineer shall determine if heat straightening may be used.
- 4.4.4 Cracks and/or strains exceeding 100 times the yield strain, or other serious defects shall be called to the attention of the engineer.
- 4.4.5 The contractor shall prepare and submit a work plan to the engineer for approval prior to beginning repairs.

4.5 Heat Application

- 4.5.1 The temperature of the steel during heat straightening shall not exceed the following:
- (a) 650°C (1,200°F) for Carbon Steels.
 - (b) 620°C (1,100°F) for A514 and A709 (grades 100 and 100W) steels.
 - (c) 565°C (1,050°F) for A709 grade 70W steel.
- 4.5.2 The Contractor shall use one or more of the following methods for routine, ongoing, documented temperature verification during heat straightening:
- (a) Temperature sensitive crayons.
 - (b) Pyrometer.
 - (c) Infrared non-contact thermometer.

- 4.5.3 The material should be heated in a single pass following the specified pattern and allowed to cool to below 120°C (250°F) prior to re-heating.
- 4.5.4 Heating patterns and sequences shall be selected to match the type of damage and cross section shape.
- 4.5.5 Vee heats shall be shifted over the yield zone on successive heating cycles.
- 4.5.6 Simultaneous vee heats may be used provided that the clear spacing between vees is greater than the width of the plate element.
- 4.5.7 Repair of previously heat-straightened members in the same region of damage may be conducted once. Further repairs shall not be performed without the approval of the engineer.

4.6 Application of Jacking Forces

- 4.6.1 Jacks shall be placed so that forces are relieved as straightening occurs during cooling.
- 4.6.2 Magnitude of Jacking Forces
 - (a) Jacking shall be limited so that the maximum bending moment in the heated zone shall be less than 50 percent of the plastic moment capacity of the member or major bending element. For local damage, the jacking force shall be limited to 50 percent of initial yield of the element.
 - (b) The jacking force shall be adjusted so that the sum of jacking-induced moments and estimated residual moments shall be less than 50 percent of the plastic moment capacity of the member. As an alternative to considering residual moments, the moment due to jacking forces can be limited to 25 percent of the plastic moment capacity of the member during the first two heating cycles. For additional heating cycles, the limit of 50 percent may again be used.
- 4.6.3 The contractor shall determine and document the maximum jacking force for each damage location, and the proposed sequence of jacking and heating. Copies of the documentation shall be submitted to the engineer for acceptance before beginning repairs. Modifications due to changing condition shall be submitted to the engineer. The maximum jacking force may be controlled by measuring the deflection resulting from the jacking force.
- 4.6.4 The calibration of jacks and electronic temperature monitoring equipment shall be performed and documented monthly, and load cells used for calibration must be certified within a two year period.

4.7 Field Supervision of Repairs

- 4.7.1 Jacking forces shall be monitored to insure that limits are not exceeded.
- 4.7.2 Heating patterns shall be approved by the engineer.
- 4.7.3 Heating temperatures shall be routinely monitored to insure compliance with specified limits.

4.8 Field Supervision of Repairs

- 4.8.1 The dimensions of heat-straightened structural members shall conform to the tolerances specified in Table A1, except as noted below.

Table A1 - Recommended Tolerances for Heat Straightening Repair.

Member Type	Recommended Minimum Tolerance ^{1,2}
Beam/Girder overall at impact point	$\frac{1}{2}$ in over 20 ft $\frac{3}{4}$ in over 20 ft
Local Web Deviations	d/100 but not less than $\frac{1}{4}$ in
Local Flange Deviations	b/100 but not less than $\frac{1}{4}$ in
¹ Units of member depth, d, and flange width, b, are inches	
² Tolerances for curved or cambered members should account for the original shape of the member	

4.8.2 The above tolerance limits may be relaxed at the discretion of the engineer, based on one or more of the following considerations:

- (a) Type and location of damage in the member.
- (b) Time considerations resulting from the nature of traffic congestion during the repair operation.
- (c) Degree of restoration required to restore structural integrity.

4.9 Method of Measurement. No measurement will be made.

4.10 Basis of Payment. Payment for the above described work including all material, labor, tools, equipment, temporary jacks and all incidentals necessary to complete this item of work will be considered completely covered by the contract lump sum price for Heat Straightening.

5.0 Liquidated Damage Requirements:

5.1.1 The bidder is directed to the “*Standard Bid Provisions, General Terms and Conditions and Special Terms and Conditions*” attached to the bid documents, regarding the amount and enforcement of liquidated damages.

6.0 Contract/Purchase Order:

6.1.1 The contract expresses the complete agreement of the parties and performance shall be governed solely by the specifications and requirements contained therein. Any change, whether by modification and/or supplementation, must be accomplished by a formal contract amendment signed and approved by and between the duly authorized representative of the Contractor and the duly authorized representative of the MHTC, by a modified purchase order prior to the effective date of such modification. The Contractor expressly and explicitly understands and agrees that no other method and/or no other document, including correspondence, acts, and oral communications by or from any person, shall be used or construed as an amendment or modification

7.0 Invoicing and Payment Requirements:

7.1.1 The contractor shall submit an itemized invoice to the applicable requesting address for the completion of deliverables, as specified herein.

7.1.2 Each invoice should be itemized in accordance with items listed on the purchase order and/or contract. The statewide financial management system has been designed to capture certain receipt and payment information. Therefore, each invoice submitted must reference the purchase order number and must be itemized in accordance with items listed on the purchase order. Failure to comply with this requirement may delay processing of invoices for payment.

- 7.1.3 The contractor shall understand and agree MoDOT reserves the right to make contract payments to the contractor through electronic funds transfer (EFT). Therefore, prior to any payments becoming due under the contract, the contractor must return a completed state Vendor Input ACH/EFT Application, which is downloadable from the Vendor Services Portal at: <https://www.vendorservices.mo.gov/vendorservices/Portal/Default.aspx>. Each contractor invoice must be on the contractor's original descriptive business invoice form and must contain a unique invoice number. The invoice number will be listed on the state's Vendor Payment Website to enable the contractor to properly apply state payments to invoices. The contractor must comply with all other invoicing requirements stated in the RFB.
- 7.1.4 The contractor shall be paid in accordance with the firm, fixed prices stated on the pricing page of this document after completion of deliverables specified herein and acceptance by MoDOT.
- 7.1.5 Other than the payment specified above, no other payments or reimbursements shall be made to the contractor for any reason whatsoever.
- 7.1.6 Unless otherwise provided for in the solicitation documents, payment for all equipment, supplies, and/or services required herein shall be made in arrears. The MHTC shall not make any advance deposits.
- 7.1.7 The MHTC assumes no obligation for equipment, supplies, and/or services shipped or provided in excess of the quantity ordered. Any authorized quantity is subject to the MHTC's rejection and shall be returned at the contractor's expense.
- 7.1.8 The MHTC reserves the right to purchase goods and services using the state-purchasing card.
- 7.1.9 MoDOT is exempt from paying Missouri Sales Tax, Missouri Use Tax and Federal Excise Tax. However, the contractor may themselves be responsible for the payment of taxes on materials they purchase to fulfill the contract. A Federal Excise Tax Exemption Certificate will be furnished to the successful bidder as part of the contracting process.

8.0 Other Contractual Requirements:

- 8.1.1 Contract Period - The contract shall commence from the date of Notice to Proceed until November 15, 2015.
- 8.1.2 Inspection and Acceptance: MoDOT reserves the right to inspect the material at the point of manufacture, intermediate storage point, or at a destination which shall be at the discretion of MoDOT.
- a. No equipment, supplies, and/or services received by MoDOT pursuant to a contract shall be deemed accepted until MoDOT has had reasonable opportunity to inspect said equipment, supplies, and/or services.
 - b. All equipment, supplies, and/or services which do not comply with the specifications and/or requirements or which are otherwise unacceptable or defective may be rejected. In addition, all equipment, supplies, and/or services which are discovered to be defective or which do not conform to any warranty of the Contractor upon inspection (or at any later time if the defects contained were not reasonably ascertainable upon the initial inspection) may be rejected.
 - c. The MHTC reserves the right to return any such rejected shipment at the Contractor's expense for full credit or replacement and to specify a reasonable date by which replacements must be received.
 - d. The MHTC's right to reject any unacceptable equipment, supplies, and/or services shall not exclude any other legal, equitable or contractual remedies the MHTC may have.
- 8.1.3 Insurance Requirements:
- a. The bidder is directed to the "*Standard Bid Provisions, General Terms and Conditions and Special Terms and Conditions*" attached to the bid documents, regarding the amount and types of insurance certificates required to be submitted by the contractor.

9. BID SUBMISSION

9.0 Bid Submission Information:

- 9.1.1 All bids must be received in a sealed envelope/package clearly marked **“(Bridge Repair Services)”**
- 9.1.2 All bids must be received at the office of the RFB Coordinator as outlined in Section 1. “INTRODUCTION AND GENERAL INFORMATION”.
- 9.1.3 The bidder may withdraw, modify or correct his/her bid after it has been deposited with MoDOT provided such request is submitted in writing and received at the location designated for the bid opening prior to the date and time specified for opening bids. Such a request received as specified will be attached to the bid and the bid will be considered to have been modified accordingly. No bid may be modified after the date and time specified for the opening of bids.
- 9.1.4 Open Competition / Request For Bid Document:
- a. It shall be the bidder's responsibility to ask questions, request changes or clarification, or otherwise advise MoDOT if any language, specifications or requirements of an RFB appear to be ambiguous, contradictory, and/or arbitrary, or appear to inadvertently restrict or limit the requirements stated in the RFB to a single source. Any and all communication from bidders regarding specifications, requirements, competitive bid process, etc., must be directed to the buyer from MoDOT, unless the RFB specifically refers the bidder to another contact. Such communication should be received at least three (3) working days prior to the official bid opening date.
 - b. Every attempt shall be made to ensure that the bidder receives an adequate and prompt response. However, in order to maintain a fair and equitable bid process, all bidders will be advised, via the issuance of an amendment to the RFB, of any relevant or pertinent information related to the procurement. Therefore, bidders are advised that unless specified elsewhere in the RFB, any questions received less than three (3) working days prior to the RFB opening date may not be answered.
 - c. Bidders are cautioned that the only official position of the MoDOT is that which is issued by MoDOT in the RFB or an amendment thereto. No other means of communication, whether oral or written, shall be construed as a formal or official response or statement.
 - d. MoDOT monitors all procurement activities to detect any possibility of deliberate restraint of competition, collusion among bidders, price-fixing by bidders, or any other anticompetitive conduct by bidders which appears to violate state and federal antitrust laws. Any suspected violation shall be referred to the Missouri Attorney General's Office for appropriate action.
- 9.1.5 Bid Review: Bids will be reviewed to determine if the bid complies with the mandatory requirements, and to determine the lowest and best bid.
- 9.1.6 Cost Determination: The low bid shall be determined by prices listed on the pricing pages for the contract period.
- 9.1.7 Contract Award: The contract will be awarded to the lowest responsive bidder determined as specified above.
- a. Award of this bid will be made on an “All or Nothing” basis using the “lowest and best” principle of award.

10. PRICING PAGE

10.1 The bidder shall provide a firm, fixed price in the table below for the contract period for providing the deliverables/services in accordance with the provisions and requirements of this RFB. **All costs** associated with providing the required deliverables/services shall be included in the prices stated below. Sign where indicated below and return with all required solicitation documents.

10.2 See **PLAN SHEET(S) and GENERAL WAGE ORDER No. 59 posted on MoDOT's GS Bidding Web Site** along with this bid document to assist the vendors.

Item #	Description	Firm, Fixed Price
001	Provide bridge repair services located on Route 2 over I-49 in Cass County with an effective contract period of Notice to Proceed through November 15, 2015	\$ _____ per project

Name of the Bidder's Firm

Signature of Authorized Representative

Date Signed

VENDOR INFORMATION & PREFERENCE CERTIFICATION FORM

Vendor Information

All bidders must furnish **ALL** applicable information requested below

Vendor Name/Mailing Address: Email Address:	Vendor Contact Information (including area codes): Phone #: Cellular #: Fax #:
Printed Name of Responsible Officer or Employee:	Signature:
For Corporations - State in which incorporated:	For Others - State of domicile:

If the address listed in the Vendor Name/Mailing Address block above is not located in the State of Missouri, list the address of Missouri offices or places of business:

*If additional space is required, please attach an additional sheet and identify it as **Addresses of Missouri Offices or Places of Business.***

M/WBE INFORMATION: List all certified Minority or Women Business Enterprises (**M/WBE**) utilized in the fulfillment of this bid. Include percentages for subcontractors and identify the M/WBE certifying agency:

<u>M/WBE Name</u>	<u>Percentage of Contract</u>	<u>M/WBE Certifying Agency</u>
_____	_____	_____
_____	_____	_____

*If additional space is required, please attach an additional sheet and identify it as **M/WBE Information***

Preference Certification

All bidders must furnish **ALL** applicable information requested below

GOODS/PRODUCTS MANUFACTURED OR PRODUCED IN USA: If any or all of the goods or products offered in the attached bid which the bidder proposes to supply to the MHTC are **not** manufactured or produced in the "United States", or imported in accordance with a qualifying treaty, law, agreement, or regulation, list below, by item or item number, the country other than the United States where each good or product is manufactured or produced.

Item (or item number)	Location Where Item is Manufactured or Produced

*If additional space is required, please attach an additional sheet and identify it as **Location Products are Manufactured or Produced.***

MISSOURI SERVICE-DISABLED VETERAN BUSINESS: Please complete the following if applicable. Additional information may be requested if preference is applicable. See below definitions for qualification criteria:

Service-Disabled Veteran is defined as any individual who is disabled as certified by the appropriate federal agency responsible for the administration of veterans' affairs.

Service-Disabled Veteran Business is defined as a business concern:

- Not less than fifty-one (51) percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than fifty-one (51) percent of the stock of which is owned by one or more service-disabled veterans; and
- The management and daily business operations of which are controlled by one or more service-disabled veterans.

<u>Veteran Information</u>	<u>Business Information</u>
Service-Disabled Veteran's Name (Please Print)	Service-Disabled Veteran Business Name
Service-Disabled Veteran's Signature	Missouri Address of Service Disabled Veteran Business

ANTI-COLLUSION STATEMENT

STATE OF _____)
)
COUNTY OF _____) SS.

_____ being first

duly sworn, deposes and says that he is _____
Title of Person Signing

of _____

Name of Bidder

that all statements made and facts set out in the bid for the above project are true and correct; and that the bidder (The person, firm, association, or corporation making said bid) has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such bid or any contract which may result from its acceptance.

Affiant further certifies that bidder is not financially interested in, or financially affiliated with, any other bidder for the above project.

By _____

By _____

By _____

Sworn to before me this _____ day of _____, 20_____.

Notary Public

My Commission Expires _____

ANNUAL WORKER ELIGIBILITY VERIFICATION AFFIDAVIT

(For joint ventures, a separate affidavit is required for each business entity)

Exhibit **A**.

STATE OF _____)
) ss
COUNTY OF _____)

On the ____ day of _____, 20____, before me appeared _____, personally
known to me or proved to me on the basis of satisfactory evidence to be a person whose name is subscribed to this affidavit, who
being by me duly sworn, stated as follows:

- I, the Affiant, am of sound mind, capable of making this affidavit, and personally certify the facts herein stated, as required by Section 285.530, RSMo, to enter into any contract agreement with the state to perform any job, task, employment, labor, personal services, or any other activity for which compensation is provided, expected, or due, including but not limited to all activities conducted by business entities.

- I, the Affiant, am the _____ of _____, and I am duly authorized,
title business name
directed, and/or empowered to act officially and properly on behalf of this business entity.

- I, the Affiant, hereby affirm and warrant that the aforementioned business entity is enrolled in a federal work authorization program operated by the United States Department of Homeland Security, and the aforementioned business entity shall participate in said program to verify the employment eligibility of newly hired employees working in connection with any services contracted by the Missouri Highways and Transportation Commission (MHTC). I have attached documentation to this affidavit to evidence enrollment/participation by the aforementioned business entity in a federal work authorization program, as required by Section 285.530, RSMo.

- I, the Affiant, also hereby affirm and warrant that the aforementioned business entity does not and shall not knowingly employ, in connection with any services contracted by MHTC, any alien who does not have the legal right or authorization under federal law to work in the United States, as defined in 8 U.S.C. § 1324a(h)(3).

- I, the Affiant, am aware and recognize that, unless certain contract and affidavit conditions are satisfied pursuant to Section 285.530, RSMo, the aforementioned business entity may be held liable under Sections 285.525 through 285.550, RSMo, for subcontractors that knowingly employ or continue to employ any unauthorized alien to work within the state of Missouri.

- I, the Affiant, acknowledge that I am signing this affidavit as a free act and deed of the aforementioned business entity and not under duress.

Affiant Signature

Subscribed and sworn to before me in _____, _____, the day and year first above-written.
city (or county) state

Notary Public

My commission expires:

[Documentation of enrollment/participation in a federal work authorization program to be attached]

APPLICANT AFFIDAVIT FOR SOLE-PROPRIETORSHIP OR PARTNERSHIP

(a separate affidavit is required for each owner and general partner)

Exhibit **B**.

STATE OF _____)
) ss
COUNTY OF _____)

On this _____ day of _____, 20____, before me appeared _____,
personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within
instruments, who being by me duly sworn, deposed as follows:

***My name is _____, and I am of sound mind, capable of making this affidavit, and
personally certify the facts herein stated, as required by Section 208.009, RSMo, for failure to provide affirmative proof of lawful
presence in the United States of America:***

I am the _____ of _____, which is applying for a public benefit (grant, contract,
owner or partner business name
and/or loan) administered/provided by the Missouri Highways and Transportation Commission (MHTC), acting by and through the
Missouri Department of Transportation (MoDOT).

I am classified by the United States of America as: (check the applicable box)

- ☐ a United States citizen.
☐ an alien lawfully admitted for permanent residence.

I am aware that Missouri law provides that any person who obtains any public benefit by means of a willfully false statement
or representation, or by willful concealment or failure to report any fact or event required to be reported, or by other fraudulent device,
shall be guilty of the crime of stealing pursuant to Section 570.030, RSMo, which is a Class C felony for stolen public benefits valued
between \$500 and \$25,000 (punishable by a term of imprisonment not to exceed 7 years and/or a fine not more than \$5,000 – Sections
558.011 and 560.011, RSMo), and is a Class B felony for stolen public benefits valued at \$25,000 or more (punishable by a term of
imprisonment not less than 5 years and not to exceed 15 years – Section 558.011, RSMo).

I recognize that, upon proper submission of this sworn affidavit, I will only be eligible for temporary public benefits until
such time as my lawful presence in the United States is determined, or as otherwise provided by Section 208.009, RSMo.

I understand that Missouri law requires MHTC/MoDOT to provide assistance in obtaining appropriate documentation to
prove citizenship or lawful presence in the United States, and I agree to submit any requests for such assistance to MHTC/MoDOT in
writing.

I acknowledge that I am signing this affidavit as a free act and deed and not under duress.

Affiant Signature

Affiant's Social Security Number or
applicable Federal Identification Number

Subscribed and sworn to before me this _____ day of _____, 20_____.

Notary Public

My commission expires:

STANDARD SOLICITATION PROVISIONS

- a. The solicitation for the procurement of the supplies referenced therein, to which these "Standard Bid Provisions, General Terms and Conditions and Special Terms and Conditions" are attached, is being issued under, and governed by, the provisions of Title 7 – Missouri Department of Transportation, Division 10 – Missouri Highways and Transportation Commission, Chapter 11 – Procurement of Supplies, of the Code of State Regulations. The Missouri Highways and Transportation Commission (MHTC), acting by and through its operating arm, the Missouri Department of Transportation (MoDOT), draws the Bidder's attention to said 7 CSR 10-11 for all the provisions governing solicitation and receipt of bids/quotes and the award of the contract pursuant to this solicitation.
- b. All bids/quotes must be signed with the firm name and by a responsible officer or employee. Obligations assumed by such signature must be fulfilled.

GENERAL TERMS AND CONDITIONS

Definitions

Capitalized terms as well as other terms used but not defined herein shall have the meaning assigned to them in section 7 CSR 10-11.010 Definition of Terms.

Nondiscrimination

- a. The Contractor shall comply with all state and federal statutes applicable to the Contractor relating to nondiscrimination, including, but not limited to, Chapter 213, RSMo; Title VI and Title VII of Civil Rights Act of 1964 as amended (42 U.S.C. Sections 2000d and 2000e, *et seq.*); and with any provision of the "Americans with Disabilities Act" (42 U.S.C. Section 12101, *et seq.*)
- b. **Sanctions for Noncompliance:** In the event of the Contractor's noncompliance with the nondiscrimination provisions of this contract, MHTC shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:
 - i. withholding of payments to the Contractor under the contract until the Contractor complies, and/or,
 - ii. cancellation, termination or suspension of the contract, in whole or in part.

Contract/Purchase Order

- a. By submitting a bid/quote, the Bidder agrees to furnish any and all equipment, supplies and/or services specified in the solicitation documents, at the prices quoted, pursuant to all requirements and specifications contained therein.
- b. A binding contract shall consist of: (1) the solicitation documents, amendments thereto, and/or Best and Final Offer (BAFO) request(s) with any changes/additions, (2) the Contractor's bid response, and (3) the MHTC's acceptance of the bid by post-award contract or purchase order.
- c. A notice of award does not constitute an authorization for shipment of equipment or supplies or a directive to proceed with services. Before providing equipment, supplies and/or services, the Contractor must receive a properly authorized notice to proceed and/or purchase order.

Applicable Laws and Regulations

- a. The contract shall be construed according to the laws of the State of Missouri. The Contractor shall comply with all local, state, and federal laws and regulations related to the performance of the contract. The exclusive venue for any legal proceeding relating to or arising, out of the contract shall be in the Circuit Court of Cole County, Missouri.
- b. The Contractor must be registered and maintain good standing with the Secretary of State of the State of Missouri, Missouri Department of Revenue, and other regulatory agencies, as may be required by law or regulations. Prior to the issuance of a purchase order and/or notice to proceed, the Contractor may be required to submit to MHTC a copy of their current Authority Certificate from the Secretary of State of the State of Missouri and/or a copy of their Certificate of No Tax Due from the Missouri Department of Revenue.
- c. Prior to the issuance of a purchase order and/or notice to proceed, all **out-of-state** Contractors **providing services** within the state of Missouri must submit to MHTC a copy of their current Transient Employer Certificate from the Missouri Department of Revenue, in addition to a copy of their current Authority Certificate from the Secretary of State of the State of Missouri.

Executive Order:

The Contractor shall comply with all the provisions of Executive Order 07-13, issued by the Honorable Matt Blunt, Governor of Missouri, on the sixth (6th) day of March, 2007. This Executive Order, which promulgates the State of Missouri's position to not tolerate persons who contract with the state engaging in or supporting illegal activities of employing individuals who are not eligible to work in the United States, is incorporated herein by reference and made a part of this Agreement.

- 1) "By signing this Agreement, the Contractor hereby certifies that any employee of the Contractor assigned to perform services under the contract is eligible and authorized to work in the United States in compliance with federal law."
- 2) In the event the Contractor fails to comply with the provisions of the Executive Order 07-13, or in the event the Commission has reasonable cause to believe that the contractor has knowingly employed individuals who are not eligible to work in the United States in violation of federal law, the Commission reserves the right to impose such contract sanctions as it may determine to be appropriate, including but not limited to contract cancellation, termination or suspension in whole or in part or both.
- 3) The Contractor shall include the provisions of this paragraph in every subcontract. The Contractor shall take such action with respect to any subcontract as the Commission may direct as a means of enforcing such provisions, including sanctions for noncompliance.

Cancellation of Contract

The MHTC may cancel the Contract at any time for a material breach of contractual obligations or for convenience by providing Contractor with written notice of cancellation. Should the MHTC exercise its right to cancel the contract for such reasons, cancellation will become effective upon the date specified in the notice of cancellation sent to the Contractor.

Bankruptcy or Insolvency

Upon filing for any bankruptcy or insolvency proceeding by or against the Contractor, whether voluntarily, or upon the appointment of a receiver, trustee, or assignee, for the benefit of creditors, the Commission reserves the right and sole discretion to either cancel the Agreement or affirm the Agreement and hold the Contractor responsible for damages.

Warranty

The Contractor expressly warrants that all equipment, supplies, and/or services provided shall: (1) conform to each and every specification, drawing, sample or other description which was furnished to or adopted by the MHTC, (2) be fit and sufficient for the purpose expressed in the solicitation documents, (3) be merchantable, (4) be of good materials and workmanship, and (5) be free from defect.

Status of Independent Contractor

The Contractor represents itself to be an independent Contractor offering such services to the general public and shall not represent itself or its employees to be an employee of the MHTC. Therefore, the Contractor shall assume all legal and financial responsibility for taxes, FICA, employee fringe benefits, workers' compensation, employee insurance, minimum wage requirements, overtime, etc., and agrees to indemnify, save and hold the MHTC, its officers, agents and employees harmless from and against any and all losses (including attorney fees) and damage of any kind related to such matters.

Non-Waiver

If one of the parties agrees to waive its right to enforce any term of this Contract, that party does not waive its right to enforce such term at any other time or to enforce any or all other terms of this Contract.

Indemnification

The Contractor shall defend, indemnify and hold harmless MHTC, including its members and department employees, from any claim or liability whether based on a claim for damages to real or personal property or to a person for any matter relating to or arising out of the Contractor's performance of its obligations under the contract awarded pursuant to this solicitation.

SPECIAL TERMS AND CONDITIONS

Tax Exempt Status:

MHTC is exempt from paying Missouri Sales Tax, Missouri Use Tax and Federal Excise Tax. However, the Contractor may themselves be responsible for the payment of taxes on materials they purchase to fulfill the contract. A Project Tax Exemption Certificate will be furnished to the successful Bidder upon request if applicable.

Insurance

The Contractor shall maintain or cause to be maintained at Contractor's own expense commercial general liability, automobile liability, worker's compensation insurance against negligent acts, errors or omissions of the Contractor, or its subcontractors and anyone directly or indirectly employed by any of them. Any insurance policy required as specified in this Section shall be written by a company that is licensed and authorized to issue such insurance in the state of Missouri and shall provide insurance coverage for not less than the following limits of liability:

- 1) General Liability: Not less than \$500,000 for any one person in a single accident or occurrence, and not less than \$3,000,000 for all claims arising out of a single occurrence;
- 2) Automobile Liability: Not less than \$500,000 for any one person in a single accident or occurrence, and not less than \$3,000,000 for all claims arising out of a single occurrence;
- 3) Missouri State Workmen's Compensation policy or equivalent in accordance with state law.

Upon request from the Commission, the Contractor shall provide the Commission with certificates of insurance evidencing the required coverage and that such insurance is in effect.

Subcontracting

- a. It is specifically understood that no portion of the material or any interest in the contract, shall be subcontracted, transferred, assigned or otherwise disposed of, except with the written consent of MHTC. Request for permission to subcontract or otherwise dispose of any part of the work shall be in writing to MHTC and accompanied by documentation showing that the organization which will perform the work is particularly experienced and equipped for such work.
- b. Consent to subcontract or otherwise dispose of any portion of the work shall not be construed to relieve the Contractor of any responsibility for the production and delivery of the contracted work and the completion of the work within the specified time.
- c. All payments for work performed by a subcontractor shall be made to the Contractor to whom the contract was awarded and the purchase order issued.

Prohibition Of Employment Of Unauthorized Aliens:

- a. **Non-employment of Unauthorized Aliens:** Pursuant to Section 285.530, RSMo., no business entity or employer shall knowingly employ, hire for employment, or continue to 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 five thousand dollars by the State or by any political subdivision of the State to a business entity, or for any business entity receiving a state-administered or subsidized tax credit, tax abatement, or loan from the state, the business entity shall:

- 1) By sworn affidavit and provision of documentation, affirm its enrollment and participation in a federal work authorization program with respect to the employees working in connection with the contracted services. E-Verify is an example of a federal work authorization program. The business entity must affirm its enrollment and participation in the E-Verify federal work authorization program with respect to the employees proposed to work in connection with the services requested herein by providing acceptable enrollment and participation documentation consisting of **completed** copy of the E-Verify Memorandum of Understanding (MOU). For business entities that are not already enrolled and participating in a federal work authorization program, E-Verify is available at http://www.dhs.gov/files/programs/gc_1185221678150.shtm

- 2) By sworn affidavit, affirm that it does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. A copy of the affidavit referenced herein is provided within this document, attached as Exhibit **A**.

- b. **Proof of Lawful Presence For Sole Proprietorships and Partnerships:** If the business entity is a sole proprietorship or partnership, pursuant to Section 208.009, RSMo., each sole proprietor and each general partner shall provide affirmative proof of lawful presence in the United States. Such sole proprietorship or partnership is eligible for temporary public benefits upon submission by each sole proprietor and general partner of a sworn affidavit of his/her lawful presence on the United States until such lawful presence is affirmatively determined, or as otherwise provided by Section 208.009, RSMo. A copy of the affidavit reference herein is provided within this document, attached as Exhibit **B**.

Construction Safety Program

Missouri law, 292.675 RSMo, requires the awarded Contractor and its subcontractor(s) to provide a ten-hour occupational safety and health administration (OSHA) construction safety program (or a similar program approved by the Missouri Department of Labor and Industrial Relations as a qualified substitute) for their on-site employees (laborers, workmen, drivers, equipment operators, and craftsmen) who have not previously completed such a program and are directly engaged in actual construction of the improvement (or working at a nearby or adjacent facility used for construction of the improvement). The Contractor and its subcontractor(s) shall require all such employees to complete this ten-hour program, pursuant to 292.675 RSMo, unless they hold documentation on their prior completion of said program. Penalties for non-compliance include Contractor forfeiture to the Commission in the amount of \$2,500, plus \$100 per contractor and subcontractor employee for each calendar day such employee is employed beyond the elapsed time period for required program completion under 292.675 RSMo.

Prevailing Wage

- a. The work to be performed under this solicitation is governed by the provisions of Chapter 290 RSMo, as amended, related to prevailing wages to be paid on public works.
- b. If the bid/quote is accepted, the vendor will be required to comply with the prevailing wages as fixed by the Missouri Department of Labor and Industrial Relations, in effect as of the date of the issuance of the solicitation, for each affected craft and type of workmen in the following county(ies): **CASS**. The **General Wage Order # 59** is attached to the bid documents.
- c. Pursuant to the requirements of the Chapter 290 RSMo., 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, must be paid to all workers performing work under the contract.
- d. The Contractor shall provide all information, reports and other documentation as required by MHTC to ensure compliance with Chapter 290 RSMo., as amended, relating to prevailing wages to be paid on public works.
- e. The Contractor shall 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.

Permits, Licenses and Safety Issues

The contract price shall include any necessary permits and licenses required by law incidental to the work. Local ordinances requiring building permits are not applicable to state agencies.

Temporary Suspension of Work

- a. The **District Engineer** shall have authority to suspend work wholly or in part for such period or periods as may be deemed necessary when weather or other conditions are such that in the opinion of the engineer, the work may be done at a later time with advantage to MoDOT or for failure on the part of the Contractor to comply with any of the provisions of the Contract.
- b. If MoDOT suspends the work for its own advantages and not because of the Contractor's failure to comply with the Contract, the Contractor will be allowed an equal number of calendar days after the completion date for the completion of the work. MoDOT may at its discretion give the Contractor an extension of time for completing the work where the Contractor incurs delays for causes beyond his control.
- c. Normal rainfall is not considered a cause qualifying for an extension of time. Claim for extension of time for all causes must be submitted by the Contractor in writing within **30 Days** after the claimed cause for the delay has ceased to exist.

Liquidated Damages

- a. In the event the successful Contractor fails to deliver the material within the time specified, the Department and the public will sustain damages because of such delay in delivery, the exact extent of which would be difficult to ascertain, and in order to liquidate such damage in advance it is agreed that the **sum of \$250.00 per day**, for each assessable calendar day on which the delivery has not been completed, is reasonable and the best estimate which the parties can arrive at as liquidated damages, and it is therefore agreed that said amount will be withheld from payments due the Contractor or otherwise collected from the Contractor as liquidated damages.
- b. **Saturdays, Sundays, holidays and days whereas the Department has suspended work** shall not be assessable days.

Preferences

- a. By virtue of statutory authority, RSMo. 34.076 and 34.350 to 34.359, a preference will be given to materials, products, supplies, provisions and all other articles produced, manufactured, made or grown within the State of Missouri. Such preference shall be given when quality is equal or better and delivered price is the same or less.
 - 1) If attached, the document entitled **"PREFERENCE IN PURCHASING PRODUCTS"** should be completed and returned with the solicitation documents.
 - 2) If attached, the document entitled **"MISSOURI DOMESTIC PRODUCTS PROCUREMENT ACT"** should be completed and returned with the solicitation documents. **Applies if bid is Twenty-Five Thousand Dollars (\$25,000.00) or more.**
- b. By virtue of statutory authority, RSMo 34.074, a preference will be given all contracts for the performance of any job or service to service-disabled veteran business either doing business as Missouri firms, corporations, or individuals; or which maintain Missouri offices or places of business, when the quality of performance promised is equal or better and the price quoted is the same or less or whenever competing bids, in their entirety, are comparable. 1) If attached, the document entitled **"MISSOURI SERVICE-DISABLED VETERAN PREFERENCE"** should be completed and returned with the solicitation documents.

***** Personal Protective Equipment *****

- a. All contractor and subcontractor employees utilized in the performance of work resulting from this request must adhere to OSHA standards and at a minimum shall utilize appropriate head, eye and foot protection in the performance of work.
- b. All workers within highway right of way shall wear approved ANSI/ISEA 107 Performance Class 2 or 3 safety apparel & more specifically as follows:
 - 1) **Daytime Flagger.** During daytime activities, flaggers shall wear a high visibility hard hat, safety glasses, a Performance Class 3 top OR a Performance Class 2 top, and safety footwear. Hard hats other than high visibility orange or green shall be covered with a high visibility covering.
 - 2) **Daytime Worker.** During daytime activities, workers shall wear a hard hat, safety glasses, a Performance Class 3 top OR a Performance Class 2 top, and safety footwear.
 - 3) **Nighttime Flagger.** During nighttime activities, flaggers shall wear a high visibility/reflective hard hat, safety glasses, a Performance Class 3 top AND Class E bottoms, OR Performance Class 2 top AND Class E bottoms, and safety footwear. Hard hats shall be reflective or covered with a high visibility covering.
 - 4) **Nighttime Worker.** During nighttime activities, workers shall wear a hard hat, safety glasses, a Performance Class 3 top OR Performance Class 2 top AND Class E bottoms, and safety footwear.