

ADDENDUM NO. 1
June 22, 2022

TO: PLANS AND SPECIFICATIONS FOR

2022 ASPHALT OVERLAY PROGRAM
PROJECT NO. 2022-501-1

Bidders are hereby informed that the construction plans and/or specifications are modified as follows:

JOB SPECIAL PROVISIONS

JSP C. CONTRACT LIQUIDATED DAMAGE

REVISE the following to read:

2.0 Completion Date. Regardless of when the work is begun on this contract, all work shall be completed on or before the date specified below. Completion by this date shall be in accordance with the requirements of Sec 108.7.

Completion Date: October 15, 2022

The Job Special Provisions are signed and sealed to include the revisions with Addendum 1.

TABULATION OF QUANTITIES

Page 9-5: Change Old Lohman Rd to County Parking Lots under Cold Milling (Bituminous).

COLD MILLING (BITUMINOUS)				
LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	TOTAL (SY)
COUNTY PARKING LOTS				
PRENGER CENTER (400 STADIUM BLVD)	6550 SF		1.5	728
			TOTAL	728

PRE-BID MEETING MINUTES

The minutes from the Pre-Bid Meeting held at 9:00 AM on June 16, 2022 at the office of the Cole County Fire Protection District, "Training & Administration Building", as attached, shall be included in the contract documents for this project.

BY THE ORDER OF:




Mattheuw Prenger, P.E., County Engineer
Cole County Department of Public Works
June 22, 2022

JOB SPECIAL PROVISIONS

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	COLE COUNTY PUBLIC WORKS 5055 MONTICELLO RD. JEFFERSON CITY, MO 65109 Phone 573-636-3614
	PROJECT NUMBER: 2022-501-1 2022 ASPHALT OVERLAY PROGRAM DATE PREPARED: 4-18-22
Date: 6-22-22	ADDENDUM DATE: 6-22-22
Only the following items of the Job Special Provisions (Roadway) are authenticated by this seal: All	

FORWARD: The provisions of this section take precedence over any other provisions in these specifications.

A. GENERAL

1.0 The Technical Specification for this project shall consist of the latest effective version of the Missouri Standard Specifications for Highway Construction except as modified or contradicted by the County's Contract, Special Provisions, General Provisions, and Plans.

2.0 The Contractor shall familiarize himself with these specifications prior to bidding. Failure to do so shall not relieve the Contractor from delivering the completed project in accordance with the intent of the Plans and Specifications to provide a workable project.

3.0 All construction details included with the bidding documents, plans and attached hereto shall be used in constructing this project.

B. PARTIAL ACCEPTANCE

1.0 The County reserves the right to accept any part or all of the bid for the project.

C. CONTRACT LIQUIDATED DAMAGES

1.0 Description. Liquidated Damages for failure or delay in completing the work on time for this contract shall be in accordance with Sec 108.8.

1.1 For the entirety of the project, Sec. 108.8.1.3(a) shall not apply.

2.0 Completion Date. Regardless of when the work is begun on this contract, all work shall be completed on or before the date specified below. Completion by this date shall be in accordance with the requirements of Sec 108.7.

Completion Date: October 15, 2022

2.1 Should the Contractor, or in case of default, the surety, fail to complete the work before or by the above specified date, a deduction of the amount shown below will be made for each day that the contract remains uncompleted in accordance with the requirements of Sec 108.8. These damages are in addition to any other damages as specified elsewhere in this contract.

Liquidated Damages Per Day: \$700.00

D. WORK ZONE TRAFFIC MANAGEMENT

1.0 Description. Work zone traffic management supplied by the Contractor shall be in accordance with applicable portions of Division 100 and Division 600 of the Standard Specifications, the latest revision to Chapter 6 of the current edition of the Manual on Uniform Traffic Control Devices (MUTCD), and specifically as follows.

JOB SPECIAL PROVISIONS

2.0 Work Hour Restrictions. There are no work hour restrictions for this project. It shall be the responsibility of the Engineer to determine if work hours may be modified. Working hours for evenings, weekends and holidays will be determined by the Engineer.

3.0 Lane Closures.

3.1 It is generally expected that delays to the traveling public will occur from time to time. Road closures may be necessary in some situations and will be allowed only with prior notification from the Contractor and reviewed by the County. The Contractor shall notify the County at least **TWO DAYS** in advance of any requested road closure. This requirement is necessary in order to notify the media and appropriate emergency personnel in advance of said road closure.

3.2 At no time shall the Contractor be allowed to leave a road closure in place overnight.

3.3 At no time shall traffic be allowed to drive on new pavement until the surface temperature of the pavement is below **160°**, unless approved by the Engineer.

3.4 A traffic control plan shall be submitted to the County and approved by the Engineer 15 days prior to beginning work.

3.5 When closing the road, the Contractor shall place Type III Movable Barricades with R11-2 signs and Type C warning lights at the road closure. The Contractor shall also place cones at all open cuts in the roadway until final pavement is in place. If the Contractor has to do any miscellaneous work before and/or after the road closures, or when equipment is in the road, he shall provide temporary traffic control. All traffic control shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). This shall include, but not be limited to, signing, flagging, cones, etc.

E. EMERGENCY PROVISIONS AND INCIDENT MANANGEMENT

1.0 The Contractor shall have communication equipment on the construction site or immediate access to other communication systems to request assistance from law enforcement or other emergency agencies for incident management. In case of traffic accidents or the need for law enforcement to direct or restore traffic flow through the job site, the Contractor shall notify law enforcement or other emergency agencies immediately as needed. The project contact's office shall also be notified when the Contractor requests emergency assistance.

2.0 In addition to the 911 emergency telephone number for ambulance, fire or law enforcement services, the following agencies may also be notified for accident or emergency situation within the project limits.

Cole County Sheriff	(573) 634-9160
Cole County EMS	(573) 634-2616
Cole County Fire Protection District	911 (Emergency) (573) 634-9011 (Non-Emergency)
Russellville Lohman Fire Protection District	911 (Emergency) (573) 782-4913 (Non-Emergency)

JOB SPECIAL PROVISIONS

Missouri State (573) 751-1000
Highway Patrol

2.1 This list is not all-inclusive. Notification of the need for wrecker or tow truck services will remain the responsibility of the appropriate law enforcement agency.

2.2 The Contractor shall notify law enforcement and emergency agencies before the start of construction to request their cooperation and to provide coordination of services when emergencies arise during the construction at the project site. When the Contractor completes this notification with law enforcement and emergency agencies, a report shall be furnished to the Engineer on the status of incident management.

3.0 No direct pay will be made to the Contractor to recover the cost of the communication equipment, labor, materials, or time required to fulfill the above provisions.

F. PROJECT CONTACT FOR CONTRACTOR/BIDDER QUESTIONS

1.0 All questions concerning the bidding process, specifications and plans for this project shall be forwarded to the project contact listed below.

Mattheuw Prenger, P.E., Project Contact
County Engineer
Cole County Public Works
5055 Monticello Road
Jefferson City, MO 65109

Telephone Number (573) 636-3614
Fax Number (573) 636-8389
E-mail: mprenger@colecourt.org

G. ORDER OF WORK

1.0 The Contractor's order of work shall be presented to and approved by the County prior to beginning work. Any modifications to this order of work will not be allowed without prior approval by the County.

1.1 The order of work shall include in it the proposed truck haul routes from the asphalt plant to the various locations listed in the plans. The County reserves the right to restrict the use of certain roads as part of the haul routes.

1.2 Once work has commenced on any road or part of this project, the Contractor shall diligently pursue the completion of that work.

2.0 Basis of Payment. All expenses incurred by the Contractor, by reason of their compliance with these requirements, shall be considered as being included in and completely covered by the contract unit prices for the various items included in the contract.

JOB SPECIAL PROVISIONS

H. PRECONSTRUCTION CONFERENCE

1.0 A pre-construction conference will be held at the Cole County Public Works Office approximately 15 days prior to the Notice to Proceed date. The time and date will be determined by the County. The Contractor's representatives required to be in attendance at this conference shall include, but not be limited to, the project manager/superintendent, the road foreman for each paving crew, and the plant operator.

I. APPROVAL OF ASPHALT MIX DESIGN

1.0 The asphalt mix design shall be submitted to the County for verification and approval at least 15 days prior to placing any mixture on the project. All applicable portions of Sec. 401.4 shall apply. The Contractor shall not begin work until approval of the mix design has been given by the County.

J. TACK

1.0 All existing bituminous or concrete surfaces, coldmilled and non-coldmilled, shall be tacked in accordance with the technical specifications. On full depth pavements, the bituminous base layer shall be tacked prior to laying the bituminous pavement surface layer. The existing surfaces shall be swept free of all dust, loose material, grease, or other foreign material at the time the tack is applied.

1.1 All tacked surfaces shall be overlaid with a bituminous mixture within the same day. At no time shall a tacked surface be left in an unpaved condition overnight. In addition, the tack distribution vehicle shall not tack beyond the limits of the traffic control.

2.0 Basis of Payment. This work shall be considered incidental to the placement of the asphalt. All costs associated with this work shall be considered completely covered by the contract unit price for "Bituminous Pavement (BP-2)", per ton.

K. LOW-TRACKING OR NON-TRACKING TACK COAT

1.0 Description. This work shall consist of preparing and treating an existing bituminous or concrete surface with a low-tracking or non-tracking tack coat material prior to an asphalt overlay in accordance with Section 407, except as revised by this specification.

2.0 Material Requirements. All material shall be in accordance with Section 1015 of the Standard Specifications and specifically as follows:

JOB SPECIAL PROVISIONS

Emulsion Properties for Low-Tracking or Non-Tracking Tack Coat			
Test on Emulsion	Method	Min	Max
Viscosity, Saybolt Furol @ 25°C (77°F), s	AASHTO T 59	20	100
Particle Charge Test		--	
Storage Stability Test ^a , 24 hr, percent	AASHTO T 59	--	1.0
Sieve Test, percent	AASHTO T 59	--	0.30
Residue by Distillation, percent	AASHTO T 59	50	
Oil Distillate by Distillation, percent	AASHTO T 59	--	1
Test on Residue from Distillation			
Softening Point, °F	AASHTO T 53	149	200
Penetration 25°C, 100 g, 5 s	AASHTO T 49	--	40
G* / sin delta @ 76° C – 10 rad/sec, kPa	AASHTO T 315	1.0	--
Solubility in Trichloroethylene ^b , %	AASHTO T 44	97.5	--

^a In addition to AASHTO T 59, upon examination of the test cylinder, and after standing undisturbed for 24 hours, the surface shall show no appreciable white, milky colored substance and shall be homogeneous brown color throughout. The storage stability test may be waived provided the asphalt emulsion storage tank at the project site has adequate provisions for circulating the entire contents of the tank, provided satisfactory field results are obtained.

^b In lieu of performing AASHTO T 44, AASHTO T 111, Ash in Bituminous Material, may be performed with a maximum allowable percent ash of 1.0 percent.

2.1 Low-Tracking or Non-Tracking Requirements. In addition to the above material requirements, low-tracking or non-tracking tack shall not stick to the tires, tracks or other parts of paving equipment or vehicles such that the surface to be overlaid becomes visible or void of tack prior to the placement of the asphaltic concrete pavement mixture. The tack material shall exhibit a low-tracking or non-tracking characteristic within 20 minutes of being applied to the roadway. If a tack coat material is unable to satisfy these conditions, then a polymer modified emulsion membrane as described under the Optional Polymer Modified Emulsion Membrane Section of this JSP shall be used.

3.0 Equipment and Construction Requirements. All equipment and construction requirements shall be in accordance with Section 407, except as revised as follows:

3.1 Weather Limitations. The low-tracking or non-tracking tack coat shall not be placed on any wet surface or when the ambient temperature or the temperature of the pavement on which it is to be placed is below 50° F. Temperatures shall be obtained in accordance with MoDOT Test Method TM 20.

3.2 Spraying Temperature. The low-track or non-tracking tack coat emulsion shall be applied at temperatures between 160° F and 180° F. Temperatures of the tack shall not exceed 180° F and any overheated material shall be rejected.

3.3 Storage and Handling. All guidelines and instructions about storage and handling of the non-tracking tack product shall be followed in accordance with the product manufacturer.

3.4 Distributor. The distributor shall have the full circulating and heating capabilities in the tank. If the particle charge of the low-tracking tack is different from the particle charge of the emulsion that was previously used, then the tank shall be thoroughly cleaned prior to use, since some products are not compatible. The following heating and circulating process shall be used:

JOB SPECIAL PROVISIONS

- 1) The emulsion shall be slowly heated to 140° F.
- 2) Begin circulating the emulsion in the distributor tank only (100 to 150 gallons per minute) and continue slowly increasing heat to 160° F to 180° F.
- 3) Once the desired temperature is reached, begin circulation in the distributor bar.
- 4) Maintain circulation in the distributor's spray bar for a minimum of 30 minutes prior to tack application.

3.5 Curing. The low-tracking or non-tracking tack shall be allowed to cure prior to any construction traffic driving on the surface. A minimum of 15 minutes of cure time shall be allowed prior to driving on the tacked surface, unless less cure time is successfully demonstrated and approved by the Engineer.

3.6 Supplier Information. The low-tracking or non-tracking tack materials are a different type of product compared to the conventional tack used in Missouri. The following manufacturers are known producers/suppliers of low-tracking or non-tracking tack products:

Blacklidge Emulsions, Inc.
Calumet Specialty Product Partners, L.P.
Heartland Asphalt Materials
Vance Brothers

There may be other manufacturers that can produce an equivalent product. All products that are in compliance with this specifications will be allowed.

4.0 Optional Polymer Modified Emulsion Membrane.

4.1 Description. In lieu of using a low-tracking or non-tracking tack coat material, a Polymer Modified Emulsion Membrane may be placed prior to a bituminous overlay of hot asphaltic concrete pavement. The Polymer Modified Emulsion Membrane shall be spray applied immediately prior to the application of the hot asphaltic concrete pavement so as to produce a homogeneous surface in accordance with Secs 401, 402, or 403.

4.2 Materials. The Polymer Modified Emulsion Membrane shall be in accordance with Sec 1015.20.5.1.1 or Sec 1015.20.6.2.

4.3 Construction Requirements. The asphaltic concrete pavement shall be placed in accordance with Secs 401, 402 or 403, except as modified herein.

4.4 Equipment. No wheel, track or other part of the paving machine or any hauling equipment shall come in contact with the Polymer Modified Emulsion Membrane before the asphaltic concrete pavement mixture is applied.

4.5 Application of Polymer Modified Emulsion Membrane.

4.5.1 The Polymer Modified Emulsion Membrane shall be sprayed at a temperature of 120 – 180° F. The sprayer shall accurately and continuously monitor the application rate and provide a uniform coverage across the entire width to be overlaid. The target application rate of the asphalt emulsion membrane shall be within ± 0.02 gallon per square yard of the target application rate indicated on the project plans. The Engineer may make adjustments to the application rate based upon the existing pavement surface conditions and the recommendations of the Polymer Modified Emulsion Membrane supplier.

JOB SPECIAL PROVISIONS

4.5.2 Water may be added to SS-1HP and CSS-1HP by the emulsion manufacturer and shipped to the jobsite. No dilution shall be allowed in the field. When water is added to SS-1HP or CSS-1HP, the resulting mixture shall contain no more than 20 percent of added water. The Contractor shall notify the Engineer of the use of a diluted emulsion. The exact quantity of added water shall be indicated on the manufacturer's bill of lading, manifest or truck ticket. The application rate of the resulting mixture shall be adjusted such that the original emulsion will be spread at the specified rate. No water shall be added to the CPEM-1 or PEM-1.

5.0 Basis of Payment. This work shall be considered incidental to the placement of the asphalt. All costs associated with this work shall be considered completely covered by the contract unit price for "Bituminous Pavement (BP-2)", per ton.

L. PERFORMANCE GRADED ASPHALT BINDER

1.0 The asphalt binder for the asphalt mixes for this project shall be performance graded. The grade shall be PG 64-22 and shall be in compliance with Section 1015.

M. VERIFICATION OF JOB MIX FORMULA

1.0 In accordance with Sec 401.5 (c), the quantity of asphalt binder introduced into the mixer shall be the quantity specified in the job-mix formula. No changes shall be made to the quantity of asphalt binder without written approval from the Engineer. The Contractor shall furnish verification of the asphalt binder content in the mixer at any time immediately upon request.

N. ASPHALT CORES FOR PAVEMENT TESTING

1.0 The Contractor shall perform pavement testing in accordance with Sec 401.8.4. After samples are taken, the Contractor shall restore the surface by no later than the next calendar day with the mixture under production or with a cold patch mixture acceptable to the Engineer. Any core holes not restored by the next calendar day will be filled by the County. The Contractor will be charged \$500 for each hole filled by the County and this will be deducted from final payment at contract closeout.

2.0 Payment will be made after asphalt cores are tested and density adjustments considered if necessary in accordance with Sec 401.8.5.

O. RECLAIMED ASPHALT SHINGLES (RAS)

1.0 Reclaimed asphalt shingles will be allowed per MoDOT Specifications with the follow exception:

No Reclaimed Asphalt Shingles (RAS) shall be included in any Plant Mix Bituminous Pavement (BP) mixture used on this project.

JOB SPECIAL PROVISIONS

P. COLDMILLING SPECIAL REQUIREMENTS

1.0 Coldmilling shall be required for depth transitions, curb edge matching and/or cross slope correction. Quantities are shown in the tabulations of quantity sheets. Exact locations of all necessary coldmilling will be marked by the Engineer prior to the Contractor beginning work.

2.0 The final measured quantity will be paid and may be more or less than the plan quantity depending on the conditions in the field.

Q. TRANSVERSE JOINTS (HEADERS)

1.0 Transverse joints or headers, except at coldmilled butt joints, shall not be allowed in a continuous lane unless prior approval is authorized by the Engineer at least two (2) days in advance.

R. PAVING REQUIREMENT AROUND MANHOLE LIDS

1.0 When paving at manhole lids, the surface of the top layer of asphalt shall not vary from a 10-foot straightedge applied over the manhole, by more than $\frac{1}{4}$ inch. Areas exceeding this tolerance shall be re-rolled, replaced or otherwise corrected in a manner satisfactory to the Engineer.

1.1 In locations where an overlay is being applied with no coldmilling, manhole risers will be provided to the Contractor by the County.

2.0 Basis of Payment. All expenses incurred by the Contractor, by reason of their compliance with these requirements, shall be considered as being included in and completely covered by the contract unit prices for the various items included in the contract.

S. CENTERLINE JOINT

1.0 When paving a road or location requiring more than one lane pass of the paver, the centerline joint between the two lanes shall be reasonably straight as determined by the Engineer. Joints will be checked using a straight edge or string line. Any major deviations as determined by the Engineer shall be immediately corrected prior to the first pass of the breakdown roller.

2.0 Basis of Payment. All expenses incurred by the Contractor, by reason of their compliance with these requirements, shall be considered as being included in and completely covered by the contract unit prices for the various items included in the contract.

T. ASPHALT PAVER MINIMUM REQUIREMENTS

1.0 The minimum requirements for the asphalt paver are as follows:

- 1) The paver shall be capable of expanding to pave a lane at least 16.5 feet in width.
- 2) The Contractor shall provide at a minimum one operator and two laborers with the paver. The laborers shall run the screed on both sides of the paver and the operator shall operate the paver.

JOB SPECIAL PROVISIONS

1.1 The Engineer may allow deviations to this requirement but only after a minimum of two (2) days review.

2.0 Basis of Payment. All expenses incurred by the Contractor, by reason of their compliance with these requirements, shall be considered as being included in and completely covered by the contract unit prices for the various items included in the contract.

U. HAUL TRUCK TYPES PROHIBITED

1.0 End dump trucks consisting of a separate tractor and trailer design shall not be permitted to haul for this project. All other trucks will be evaluated by the Engineer. The County reserves the right to prohibit the use of any truck at any time for the duration of the project.

V. TEMPORARY PAVEMENT MARKING

1.0 The Contractor shall place and maintain preformed short term marking tape or temporary raised pavement markers on pavement undergoing milling, grinding or resurfacing operations. At the completion of each day's operation, the contractor shall install and maintain temporary pavement markings until permanent pavement marking material has been placed by the County, up to 14 days after the completion of the entire road. At no time shall more than one mile of roadway behind the operation be unmarked. The Contractor shall ensure all temporary pavement markings have been placed prior to leaving the work zone unattended. Pavement markings shall be replaced in the same basic configuration as the previously existing pavement markings unless otherwise shown on the plans or directed by the Engineer. The Contractor is advised that some roads may not currently have pavement markings, therefore, will not require temporary markings.

1.1 All specifications for this work shall be in accordance with the latest effective version of the Missouri Standard Specifications for Highway Construction.

2.0 Basis of Payment. This work shall be considered incidental to the placement of the asphalt. All expenses incurred by the Contractor, by reason of their compliance with these requirements, shall be considered as being included in and completely covered by the contract unit prices for the various items included in the contract.

W. COOPERATION WITH COUNTY

1.0 The Contractor is advised that on any project, there may be work performed by the County in preparation for the asphalt overlays or new asphalt pavement placement. The Contractor shall coordinate their work with the County to ensure that all preparation work is completed as necessary. The County reserves the right to modify or reject the Contractor's proposed work schedule on any of the affected roads as necessary to ensure proper coordination.

2.0 Basis of Payment. All expenses incurred by the Contractor, by reason of their compliance with these requirements, shall be considered as being included in and completely covered by the contract unit prices for the various items included in the contract.

JOB SPECIAL PROVISIONS

X. LOCATION OF VARIOUS ROADS

1.0 The locations of the roads for the overlay work in this contract are in various parts of the County, including the small cities and villages within the County. It shall be the responsibility of the Contractor to familiarize himself with the locations of these roads prior to bidding. Failure to do so shall not relieve the Contractor from delivering the completed project in accordance with the provisions of this contract.

COUNTY PARKING LOTS

BITUMINOUS PAVEMENT MIXTURE PG 64-22 (BP-2)						ESTIMATE FACTOR = 1.934 TONS/CY
LOCATION	LOG MI. TO LOG MI.	LENGTH (MI)	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	TOTAL (SY)
209 ADAMS ST			13,640 SF		1.5	1515.6
PRENGER CENTER (400 STADIUM BLVD)			7,460 SF		1.5	828.9
SALLY PORT LOT (211 MONROE ST)			5,370 SF		1.5	596.7
COMMERCIAL WAY			2,265 SF		1.5	251.7
TOTAL						3192.8

COLD MILLING (BITUMINOUS)				
LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	TOTAL (SY)
COUNTY PARKING LOTS				
PRENGER CENTER (400 STADIUM BLVD)	6550 SF		1.5	728
TOTAL				728

MODIFIED COLD MILLING (DEPTH TRANSITIONS)				
LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	TOTAL (SY)
COUNTY PARKING LOTS				
209 ADAMS ST	345	4	1.5 to 0	153
SALLY PORT LOT (211 MONROE ST)	300	4	1.5 to 0	133
COMMERCIAL WAY	120	20	1.5 to 3.5	267
TOTAL				553

TRAFFIC CONTROL
3 ROADS PER EACH

MOBILIZATION
3 ROADS PER EACH

**2022 ASPHALT OVERLAY PROGRAM
PROJECT NO. 2022-501-1**

**PRE-BID MEETING NOTES
June 16, 2022**

The meeting was held at the Cole County Fire Protection District Training and Administration Building beginning at 9am. Those attending the meeting are listed below:

<u>Name</u>	<u>Representing</u>	<u>Phone</u>
Mattheuw Prenger	CCPW	573-636-3614
Brad Wyss	CCPW	573-636-3614
Brent Cain	CCPW	573-636-3614
Quintin Matheis	Jefferson Asphalt	573-418-9997

GENERAL BIDDING INFORMATION

1. Sealed proposals on the forms prepared by the Cole County Department of Public Works will be received by the County Commission, Cole County, Missouri, at the Courthouse Annex, Jefferson City, Missouri, until **9:00 a.m., on June 24, 2022**, for the **2022 Asphalt Overlay Program**. The proposals will be publicly opened and read aloud thereafter. Bids received after the specified time for opening will be returned unopened.
2. Prior to the time and date designated for the receipt of bids, bids may be modified or withdrawn only by notice to the County Commission at the place and prior to the time designated for receipt of bids. No bids shall be withdrawn for a period of 90 calendar days after the scheduled closing time for receipt of bids.
3. Plans and specifications may be viewed and downloaded online in the bids section at www.colecounty.org. A hard copy of the plans and specifications will not be provided unless requested in advance.
4. **All contractors wishing to bid on this project shall submit the plan holder contact information form found in the specifications to ccpwprojects@colecounty.org prior to the bid opening.** A bid received from a contractor that has not submitted this form will not be opened and therefore not read. It will be returned to the contractor.
5. A bid bond will be required in the amount of 5% of the bid. No personal checks will be accepted.
6. A one-year Performance and Guarantee Bond is required.
7. Questions regarding the plans and specifications will be taken up to 24 hours prior to the date and time of the bid opening. This will allow the County to get the information out to all of the bidders. General questions regarding the bidding process will be answered up to the time of the opening.

2022 Asphalt Overlay Program

Pre-Bid Minutes

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8. Addenda may be issued on this project at any time up to 24 hours prior to the bid date and time. It shall be the responsibility of the contractor to verify if any addenda have been issued prior to submitting their bid. The County assumes no liability if a contractor fails to incorporate addenda into their bid. **Addenda will be posted on the website.**
9. Prevailing wage rates are required on this project. The wage rates for Cole County are included in the specifications.
10. The right is reserved by Cole County to reject any and all bids and to waive informalities therein.
11. Bids shall be submitted on the Proposal Form furnished by the County. All blank spaces shall be filled in on the forms by typewriter or by handwriting in ink. The bidder shall make no other stipulations in the bid form or qualify his bid in any manner. The bids shall be submitted in an opaque sealed envelope marked **“2022 Asphalt Overlay Program, Project No. 2022-501-1, Construction Bid”** and shall be clearly marked with the bid date, bid time and bidder’s name and address.
12. The County will accept computer generated spreadsheets for the unit price items to help alleviate problems with computation mistakes. If a spreadsheet is used, it shall be in the same format as the one included in the proposal. The sheet shall be inserted in front of the one included in the proposal form.
13. If awarded the contract, the Contractor agrees to complete the work by no later than **October 15, 2022.**
14. **Liquidated damages** shall be **\$700.00** per calendar day for every day that the Contractor fails to complete the work as provided in the contract documents.
15. Simultaneously with the delivery of the executed contract, the Contractor shall furnish a surety bond in the amount of 100% of the total contract sum, as security for both faithful performance of the contract and for the payment of all persons performing labor on the project under this contract as specified in the contract documents.
16. Do NOT include federal excise tax or sales and use taxes in the bid prices. This project will be a SALES TAX EXEMPT project. A copy of the federal tax exemption certificate will be furnished.

The following items were discussed by Matt Prenger regarding the plans and specifications:

GENERAL PROJECT INFORMATION

1. The contractor is highly advised to visit the project location to observe existing site conditions.
2. The County and/or its consultant will be providing QC for the project, both in the field and at the asphalt plant.

2022 Asphalt Overlay Program

Pre-Bid Minutes

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3. Notice to Proceed date will be August 1, 2022.
4. The contractor shall provide a work schedule and traffic control plan prior to beginning work.
5. OSHA safety training requirements apply. The contractor shall provide documentation that each employee has completed the training program and each employee that has not must do so within 60 days of beginning work on the project.
6. Excessive unemployment law is in effect.

BID PROPOSAL

1. Bid quantities are listed as a total of each bid item. The Summary of Quantities for each road is shown in Section 9 of the bidding documents.
2. Bid quantities are estimated based on field measurements and are approximate. Payment will be made on actual in-place material.
3. Lines are shown for listing the addendum received.
4. A Cooperative Procurement provision is included to allow any city or village in Cole County, excluding Jefferson City, to piggy back off of this bid. The contractor is not required to sign it.

ADDITIONAL DETAILS

1. Each road has a percentage added to the asphalt quantities for surface and edge irregularities. **The contractor should not assume that this whole quantity will be used.**
2. BP-2 mix will be used based on the summary of quantities.
3. There is regular and modified coldmilling for several different items that will be clarified in the JSP's.
4. All side roads are to be butt jointed as laid out by the County ahead of time. Quantities are listed in the tabulations.

GENERAL SPECIFICATIONS

1. Section 109.9.1 describes the requirements for release of the 5% retainage. These requirements must be met before final payment is made.

TECHNICAL SPECIFICATIONS

1. The technical specs for this project will be the latest effective version of the MoDOT spec book, except as modified in the bid documents.
2. **All MoDOT requirements for the testing of the asphalt will apply. These will be enforced by the book. The contractor shall provide a test lab for QC/QA.**

JOB SPECIAL PROVISIONS

1. D. Work Zone Traffic Management. All work shall be in accordance with applicable portions of Division 100 and Division 600 of the Standard specifications and the latest revision to Chapter 6 of the Manual on Uniform Traffic Control Devices (MUTCD).

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Road closures will only be allowed if approved by the County at least 2 days prior to closure. No road closures are to be left in place overnight. Traffic shall not be allowed to drive on new pavement until the surface temperature is below 160°. A traffic control plan shall be submitted to the County at least 15 days prior to beginning work.

2. G. Order of Work. Once work has commenced on any road or part of this project, the Contractor shall diligently pursue the completion of that work.
3. I. Approval of Asphalt Mix Design. The asphalt mix shall be submitted to the County for verification and approval at least 15 days prior to placing any mix. All portions of Sec. 401.4 shall apply. A current approved MoDOT mix will meet these requirements.
4. J. Tack. All surfaces shall be tacked prior to placing BP-2. There is no direct pay for tack.
5. M. Verification of Job Mix Formula. The quantity of asphalt binder introduced in the mixer shall be the quantity specified in the job mix formula. The contractor shall provide verification of the binder % immediately upon request.
6. N. Asphalt Cores for Pavement Testing. The Contractor shall immediately restore the surface where any cores are taken. Any core holes not filled by the end of the next calendar day will be filled by Public Works at a cost of \$500 per each deducted from the Contractor's final payment.
7. O. Reclaimed Asphalt Shingles (RAS). No shingles will be allowed in the BP-2 mix.
8. P. Coldmilling Special Requirements. There are several locations where coldmilling is required for depth transitions, curb edge matching and cross slope correction. These areas will be marked by the Engineer and may be more or less than plan quantity based on field conditions.
9. Q. Transverse Joints (Headers). Transverse joints, except at coldmilled butt joints, shall not be allowed unless given prior approval by the Engineer 2 days in advance.
10. U. Haul Truck Types Prohibited. End dump trucks consisting of a separate tractor and trailer design will not be allowed.
11. V. Temporary Pavement Marking. RPM's will be required on all roads that currently have centerline marking. The County will install "No Center Stripe" signs in accordance with MoDOT Provisions.
12. W. Cooperation with County. The County will be preparing the overlay roads for new asphalt. This will involve dig outs, pothole patching, intersection reconstruction, etc. The Contractor shall coordinate with the County as necessary. The County reserves the right to modify the Contractor's work schedule to ensure completion of the work.

KNOWN ITEMS TO BE ADDRESSED ON ADDENDUM

1. JSP C – The completion date will be updated to October 15, 2022. This change will be consistent with other areas of the bid documents.
2. The Job Special Provisions Table of Contents will be signed and sealed.
3. Page 9-5, Cold Milling (Bituminous) shows Old Lohman Rd. This will be updated to show County Parking Lots.

QUESTIONS AND ANSWERS

Received at pre-bid meeting, by telephone, e-mail etc. prior to issuing Addendum No. 1