

ADDENDUM #2

Addendum #: 02

Addendum Date: October 19, 2023

Project: STP-5909(802)

Owner: Greene County Highway Department

Kansas Expressway Extension Phase 2

Greene County Bid Number: 23-10996

Greene County Project Bid Number: 10034

Attachments: PLAN SHEET (1 Page), BID FORM (2 Pages), JOB SPECIAL PROVISIONS (6 Pages), Bidders Checklist (2 Pages)

ADDENDUM: ADDENDUM TWO

The following items shall be incorporated into the Contract Documents as either clarifications, substitutions, or revisions to the work described. Revisions are noted by the inclusion of a Rev 1 triangle



REVISIONS TO THE BID DOCUMENTS

1. **Plan Sheets.** Plan sheet C009 has been revised.
2. **Bid Form.** The Bid Form has been revised and should replace the Bid Form included in the current Bid Documents.
3. **Job Special Provisions**
 - a. WW – “Disposal of Excess or Unsuitable Material” has been revised.
 - b. HHH – “Plant Mix Bituminous Base” has been deleted.
 - c. NNN – “Blasting Requirements” has been added.
4. **Bidders Checklist.** Added clarification on signing requirements and submittal requirements for E-Verify.

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM 2 – TO BE INCLUDED IN BID

Seal

Company Name

Signature

Printed Name

Title

Address

City/State/Zip Code

BID FORM PAGE 1: KANSAS EXPRESSWAY EXTENSION - PHASE 2

Pay Item Number	Description	Quantity	Unit	Unit Price	Estimated Cost
ROADWAY					
2013000	CLEARING AND GRUBBING	29	ACRE		\$ -
2022010	REMOVAL OF IMPROVEMENTS	1	LS		\$ -
2031000	CLASS A EXCAVATION	173,904	CUYD		\$ -
2032000	CLASS C EXCAVATION	206,355	CUYD		\$ -
2036000	COMPACTING EMBANKMENT	65,044	CUYD		\$ -
2037075	COMPACTING IN CUT	26.9	STA		\$ -
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	6,825	SOYD		\$ -
4011207	BITUMINOUS PAVEMENT MIXTURE PG70-22, (BP-1)	322.0	TONS		\$ -
4011209	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	62.6	TONS		\$ -
4013000	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	113.3	TONS		\$ -
4071005	TACK COAT	329	GAL		\$ -
6079903	5 STRAND BARBED WIRE FENCE	4,163	LF		\$ -
6081000	CONCRETE MEDIAN	231.2	SQYD		\$ -
6081010	CONCRETE CURB RAMP	139.0	SQYD		\$ -
6081012	TRUNCATED DOMES	226	SQFT		\$ -
6083006	6 IN. CONCRETE MEDIAN STRIP	117.9	SQYD		\$ -
6086004	CONCRETE SIDEWALK, 4 IN.	6,180.2	SQYD		\$ -
6099903	CURB AND GUTTER (TYPE ST-2) - SPRINGFIELD	13,076	LF		\$ -
6181000	MOBILIZATION	1	LS		\$ -
6189902	ADDITIONAL MOBILIZATION FOR SEEDING	10	EA		\$ -
6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (2 IN.)	2,976	SOYD		\$ -
6274000	CONTRACTOR FURNISHED SURVEY AND STAKING	1	LS		\$ -
8051000A	SEEDING - COOL SEASON MIXTURES	22.3	ACRE		\$ -
SUBTOTAL ROADWAY:					\$ -
STORM SEWER					
2063000	CLASS 3 EXCAVATION	1,695	CUYD		\$ -
2063100	CLASS 3 EXCAVATION IN ROCK	850	CUYD		\$ -
6097000	ROCK LINING	97	CUYD		\$ -
6149902	DROP INLET (TYPE SS-6) - SPRINGFIELD	31	EA		\$ -
6149902	SPRING BOX - ArDOT	1	EA		\$ -
7269915	15 IN. R.C. PIPE CULVERT	2,174	LF		\$ -
7269918	18 IN. R.C. PIPE CULVERT	239	LF		\$ -
7269924	24 IN. R.C. PIPE CULVERT	282	LF		\$ -
7269936	36 IN. R.C. PIPE CULVERT	226	LF		\$ -
7269942	42 IN. R.C. PIPE CULVERT	146	LF		\$ -
7319902	STANDARD JUNCTION BOX - GREENE COUNTY	1	EA		\$ -
7329915	15 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	15	EA		\$ -
7329918	18 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	4	EA		\$ -
7329924	24 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	4	EA		\$ -
7329936	36 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	3	EA		\$ -
7329942	42 IN. FLARED END SECTION FOR R.C. PIPE CULVERT	2	EA		\$ -
SUBTOTAL STORM SEWER:					\$ -
TRAFFIC CONTROL					
6161005	CONSTRUCTION SIGNS	982	SQFT		\$ -
6161008	ADVANCED WARNING RAIL SYSTEM	4	EA		\$ -
6161009	FLAG ASSEMBLY	4	EA		\$ -
6161020	CHANNELIZER (DRUM-LIKE)	48	EA		\$ -
6161031	TYPE III MOVEABLE BARRICADE WITH LIGHTS	8	EA		\$ -
6161099	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED	4	EA		\$ -
6205301B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHITE	1,916	LF		\$ -
6205303B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW	2,025	LF		\$ -
6207001	PAVEMENT MARKING REMOVAL	5,801	LF		\$ -
6207002	PAVEMENT MARKING REMOVAL (SYMBOLS)	3	LF		\$ -
SUBTOTAL TRAFFIC CONTROL:					\$ -
EROSION CONTROL					
8061003	SEDIMENT TRAP EXCAVATION	1,469	CUYD		\$ -
8061004	SEDIMENT TRAP ROCK	54	CUYD		\$ -
8061005	ROCK DITCH CHECK	5,900	LF		\$ -
8061007A	CURB INLET CHECK	558	LF		\$ -
8061016	SEDIMENT REMOVAL	469	CUYD		\$ -
8061017	TEMPORARY SEEDING AND MULCHING	23.5	ACRE		\$ -
8064140	TYPE 3B EROSION CONTROL BLANKET	27,695	SQYD		\$ -
8069902	SILT SOCK (12")	11,788	LF		\$ -
8069903	MULCH BERM	11,788	LF		\$ -
SUBTOTAL EROSION CONTROL:					\$ -
PAVEMENT MARKINGS					
6200009	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	675	LF		\$ -
6200015	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	110	LF		\$ -
6200018	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. YELLOW	129	LF		\$ -
6200021	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	18	EA		\$ -
6200042	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12 IN WHITE, YIELD LINE TRIANGLES	9	EA		\$ -
6206000C	4 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	1,707	LF		\$ -
6206001C	4 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	12,886	LF		\$ -
SUBTOTAL PAVEMENT MARKINGS:					\$ -
SUBTOTAL PAGE 1:					\$ -

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BID FORM PAGE 2: KANSAS EXPRESSWAY EXTENSION - PHASE 2

Pay Item Number	Description	Quantity	Unit	Unit Price	Estimated Cost
SIGNS					
9031010	CONCRETE FOOTINGS, EMBEDDED	3.4	CUYD		\$ -
9031270A	2 IN. PSST POST - 12 GA.	420	LF		\$ -
9031271	POST ANCHOR FOR 2 IN. PSST - 7 GA.	105	LF		\$ -
9031280	2.5 IN. PSST POST - 12 GA.	24	LF		\$ -
9031281	POST ANCHOR FOR 2.5 IN. PSST - 7 GA.	6	LF		\$ -
9035004A	SH - FLAT SHEET	324.00	SQFT		\$ -
SUBTOTAL SIGNS:					\$ -
ELECTRIC					
9019901	INSTALL CONCRETE STREETLIGHT POLE FOUNDATION W/REBAR (CF24-6)	12	EA		\$ -
9019902	INSTALL CONCRETE STREETLIGHT POLE FOUNDATION W/REBAR (CF24-8)	19	EA		\$ -
9019903	FURNISH AND INSTALL SECONDARY RISER START (SR-2CP)	1	EA		\$ -
9019904	INSTALL SECONDARY PEDESTAL (SP-2C)	1	EA		\$ -
9019905	INSTALL SECONDARY PEDESTAL, TRAFFIC RATED (SP-SW)	4	EA		\$ -
9019906	INSTALL STREETLIGHTING CONTROLLER CONCRETE FOUNDATION	1	EA		\$ -
9019907	INSTALL 2" PVC CONDUIT IN TRENCH (PVC-2)	5,517	LF		\$ -
9019908	INSTALL 2" GALV. RIGID CONDUIT IN TRENCH (GALV-2)	763	LF		\$ -
9019910	INSTALL (1) 2" HDPE CONDUIT BORED	86	LF		\$ -
SUBTOTAL ELECTRIC:					\$ -
SANITARY SEWER RELOCATIONS					
6039921	8" SDR-26 PVC GRAVITY SEWER MAIN	180	LF		\$ -
6039922	OPEN CUT 24" WELDED STEEL CASING AND 8" CARRIER PIPE	140	LF		\$ -
6039923	NEW 48" DIA MANHOLE	2	EA		\$ -
6039924	SEWER AND MANHOLE ABANDONMENT	1	LS		\$ -
6039925	EXISTING MANHOLE MODIFICATIONS	1	EA		\$ -
6039926	BYPASS PUMPING	1	LS		\$ -
SUBTOTAL SANITARY SEWER RELOCATIONS:					\$ -
SUBTOTAL PAGE 2:					\$ -

BID FORM OPTIONAL PAVEMENT: KANSAS EXPRESSWAY EXTENSION

Pay Item Number	Description	Quantity	Unit	Unit Price	Estimated Cost
ASPHALT PAVEMENT OPTION					
3049905	TYPE 5 AGGREGATE FOR BASE (8 IN. THICK)	25,890	SQYD		\$ -
4019905	ASHPALT PAVEMENT OPTION	20,533.6	SQYD		\$ -
SUBTOTAL ASPHALT PAVEMENT OPTION:					\$ -
CONCRETE PAVEMENT OPTION					
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	25,890	SQYD		\$ -
4019905	CONCRETE PAVEMENT OPTION	20,533.6	SQYD		\$ -
SUBTOTAL CONCRETE PAVEMENT OPTION:					\$ -

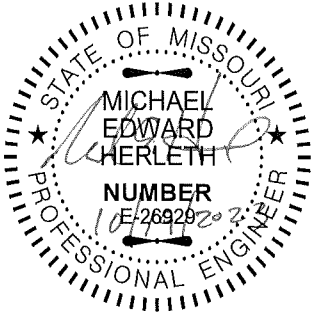
SUBTOTAL PAGE 1:					\$ -
SUBTOTAL PAGE 2:					\$ -
SUBTOTAL ASPHALT OR CONCRETE PAVEMENT OPTION:					\$ -
TOTAL CONSTRUCTION:					\$ -

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 <p>THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY</p>	<p>Greene County, Missouri Greene County Highway Department 2065 N Clifton Drive Springfield, MO 65803 Phone 417-831-3591</p>
	<p>Burns & McDonnell 9400 Ward Parkway Kansas City, MO 64114</p> <p>Certificate of Authority: 000165 Consultant Phone: 816-822-3900</p>
	<p>If a seal is present on this sheet, JSP's have been electronically sealed and dated.</p>
	<p>ADDENDUM DATE: October 19, 2023</p>
<p>Only the following items of the Job Special Provisions are authenticated by this seal: All</p>	

4.0 Method of Measurement. “Curb and Gutter (Type ST-2)” completed shall be include all labor, equipment, subgrade preparation, incidental’s, materials, etc. necessary to install.

5.0 Basis of Payment. Payment for “Curb and Gutter (Type ST-2)” will be measured and paid per linear foot at the contract unit bid price.



WW. Disposal of Excess or Unsuitable Material

Before removing and/or hauling any excess or unsuitable fill material away from the project limits, the contractor must provide the engineer with an approved grading permit issued by the appropriate county where the material will be disposed. ~~a copy of their approved Greene County Grading Permit in order to identify where the material will be disposed of.~~ Additionally, the contractor must furnish the engineer with a signed copy of an approved Waste Disposal Agreement executed between the property owner and the contractor. In the event that the contractor should encounter any asbestos containing materials or other hazardous waste within the project limits, it shall be the responsibility of the contractor to dispose of those materials in a manner that complies fully with the Missouri Department of Natural Resources. If abatement is necessary, the contractor shall provide a certified contractor supervisor and a licensed abatement contractor to perform the abatement work.

Greene County currently has no plans or locations identified for use to accept excess material. A Contractor proposal could be accepted, post contract award, to use property owned by Greene County as a disposal location. Any Contractor proposal to use property owned by Greene County would require Commission approval and **may** include stipulations on placement of excess material.

XX. Clearing and Grubbing – Timber Mulch

1.0 Scope. This work shall include all labor and equipment necessary for the Contractor to mulch tree clearing material for utilization as erosion control material.

2.0 Materials. Timber mulch shall conform to the Missouri Standard Specifications for Highway Construction Division 800 Roadside Development.

3.0 Execution. Contractor shall stockpile mulch within the project limits for utilization as erosion control material. Carefully install Mulch Berm as indicated on the plans and at locations designated by Engineer. Contractor shall verify the placement for installation of Mulch Berm.

4.0 Basis of Payment. No direct pay shall be provided for any labor, equipment, time, or materials necessary to complete this work. Pay for Clearing and Grubbing – Timber Mulch shall be included as part of the Contract bid item, Clearing and Grubbing.

YY. Pavements

1.0 Description. This work shall consist of a pavement composed of either Portland cement concrete or asphaltic concrete constructed on a prepared subgrade. This work shall be performed in accordance with the standard specifications and as shown on the plans or established by the engineer.

2.0 Staking of Right of Way. Contractor shall stake the limits of right of way and all easements shown in the plans after receiving Notice to Proceed and prior to commencing any project work.

HHH. Plant Mix Bituminous Pavement

1.0 Description. ~~Hot mix asphalt shall be used which will meet all the requirements of Sec. 401 of the MHTC Standard Specifications. Aggregate Gradation for BP-2 mix as outlined in Sec. 401 of the MHTC Standard Specifications shall be used. The accepted quantity of plant mix bituminous pavement will be paid for at the contract unit price for each of the pay items included in the contract.~~

2.0 Performance. ~~Hot mix asphalt shall comply with MoDOT Section 401~~

III. Tolerances in Pavement Thickness

1.0 Description. It is the intent of these specifications that the plant mix bituminous surface course shall be constructed strictly in accordance with the thickness shown on the plans. The total thickness of both the plant mix bituminous surface course and the plant mix bituminous base course will be measured, and where the total thickness is found to be deficient, corrective actions will be taken as indicated hereinafter. The total combined thickness of the bituminous surface course and the bituminous base course will be measured and determined by average caliper measurement of cores. Determination of constructed thickness shall be determined by obtaining ten (10) cores per mile will be taken at random intervals in each traffic lane. In addition, cores may be taken at other locations as may be determined by the Engineer. If the measurement of any core is greater than one-half (1/2) inch from the plan thickness, additional cores will be taken at twenty-five (25) foot intervals parallel to centerline ahead and back of the affected location until the extent of the deficiency has been determined. It will be assumed that each core is representative of the total combined thickness for a distance extending one-half the distance to the next core, measured along centerline, or in the case of a beginning or ending core, the distance will extend to the end of the pavement section.

In those areas of deficient thickness greater than one-half (1/2) inch that cannot be corrected without affecting the plan crown and grade, the Greene County Highway Department has the option of requiring removal of the entire bituminous pavement and replacing it with bituminous base course and bituminous surface course of proper thickness or leaving the bituminous pavement in place and requiring the following deductions in payment.

Deficiency in Thickness	Deduction	Percent	of
	Contract Unit Price		
0 inch to 1/2 inch	None		
Over 1/2 inch and not over 3/4 inch	50		
Over 3/4 inch and not over 1 inch	100		

2.0 Basis of Payment. No additional compensation will be provided to the contractor for any plant mix bituminous pavement constructed in excess of the thickness requirements of the plans and specifications. The surface from which the cores have been taken shall be restored by the contractor within 48 hours using a mixture acceptable to the Engineer.

1.8 Basis of Payment – There is no direct payment for contractor compliance with provision described in this section.



MMM. Contractor Surveying and Staking

1.0 Description. Amend Section 627.2.4 As follows:

Any survey or measurements necessary for computing pay quantities will be performed by the Contractor. The Contractor shall notify the Engineer at least two working days prior completing survey or measurements for pay.

2.0 Basis of Payment. No direct payment shall be made for compliance with this provision. Payment shall be included as part of Contractor Surveying and Staking.



NNN. Blasting Requirements

1.0 Description. The following requirements supplement standard specifications 107.7 and 203.4:

No blasting shall be done within three hundred fifty (350) feet of a building, residential or other structure, railway, or highway, utility, water well or any other installation until a pre-blast survey has been completed and a report stating the precautions to be taken to minimize earth vibrations and air blast effects has been submitted.

No blasting shall be done within five hundred (500) feet of a cave, spring, or designated historic site unless approved in writing by the Administrator.

The blaster shall be responsible for conducting pre-blast surveys where required. The pre-blast survey shall consist of photographic, video tape, and written descriptions of existing conditions of the structure or other property or utility surveyed. Any cracks or other visible defects in walls, chimneys, foundations, sidewalks, settlement of utility trenches, etc., shall be noted. The objective is to document pertinent conditions that may potentially be affected by or attributed to the blasting operations.

BIDDER CHECKLIST
FINAL CHECKLIST BEFORE SUBMITTING BID

- 1. Submit completed Contractor Questionnaire and/or Contractor Prequalification Questionnaire with attachments not later than seven (7) days prior to the date and hour of the bid opening.
2. For submittal of paper bids, the complete set of bidding documents includes all information through the DBE forms (for DBE forms see #7).
3. If submitting the bid by mail, it is to be completed, executed, and submitted in a sealed envelope addressed to "Greene County Highway Department, Purchasing Coordinator, 2065 N. Clifton Ave., Springfield, MO 65803." Provide the vendor name, vendor address, vendor number, project name, county bid number and county project number on the outside of the envelope.
4. Please read all items in the bidding document carefully. Complete all items in ink or by typing in the information.
5. Sign this bidding document properly. Bid documents to be signed are included in the Notice to Contractors Section, Page 6.
6. Submit the provided bid bond executed by bidder and surety or attach cashier's check to the bid bond form.
7. Submit the DBE Submittal Forms within 3 business days of the Bid Opening.
8. Submit the provided Anti-Collusion Statement with the Bid.
9. Staple addenda to the bid in the appropriate part of the bid.
10. Successful Contactor must submit the E-Verify Affidavit of Compliance prior to Contract Award.

Below is a list of common mistakes made by bidders leading to bids being declared non-responsive. Please refer to the Standard Specifications for the appropriate procedures for completing and submitting a bid.

- a) Not signing the bid
b) Not incorporating the addendum into the bidding documents, including attaching the letter to the bid
c) Not providing a bid bond
d) Using pencil to fill out the bid
e) Using white out to make corrections to the itemized bid sheets
f) Not initialing changes made

All questions concerning the bid document preparation can be directed to the Greene County Highway Department at 417-831-3591. Project specific questions can be directed to Wayne Housley at 417-829-6518.

Special Needs: If you have special needs addressed by the Americans with Disabilities Act, please notify the Greene County Highway Department Purchasing Coordinator, at 417-831-3591 or through Missouri Relay System, TDD 1-800-735-2966, at least five (5) working days prior to the bid opening.