

## SECTION 00911 - ADDENDUM 2

### PART 1 - GENERAL

#### 1.1 PROJECT INFORMATION

- A. Project Name: South Main Corridor Improvement Project
- B. Engineer: SK Design Group, Inc.
- C. Engineer's Project Number: 16-108.
- D. Date of Addendum: August 3, 2021

#### 1.2 NOTICE TO BIDDERS

- A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum at same time and location.

#### 1.3 ATTACHMENTS

- A. This Addendum includes the following attached Documents:
  - 1. Meeting minutes for Pre-bid with associated attendees list

#### 1.4 GENERAL REVISIONS

- A. Questions and answers:
  - 1. Contractor Questionnaire/Contractor Pre-Qualifications
    - a. Question: Are Contractor Questionnaire/Contractor Pre-Qualifications required seven (7) days in advance for city roadway improvement? Note, this project is not a MoDOT highway or bridge project.
    - b. Answer: Yes, if contractor is not already pre-qualified with MoDOT then contractor questionnaire and/or contractor pre-qualification are required seven (7) days in advance of bid as indicated in Bidder Checklist.
  - 2. DBE Forms
    - a. Question: Are DBE submittal forms within 3 business days of the Bid Opening required?
    - b. Answer: Yes

B. Applicable questions and answers from previously voided bid.

1. HDPP pipe for crossroad pipes
  - a. Question: Is HDPP pipe allowed for crossroad pipes in lieu of RCP if the trench is flow filled to the sub-grade.
  - b. Answer: The use of high-density polypropylene pipe (HDPP), meeting the requirements of MODOT specifications section 724 for crossroad pipes in lieu of RCP is acceptable, provided that the pipe is bedded properly per manufacturer recommendation and the trench is backfilled with flowable fill up to the subgrade of the pavement.
2. Streetlight poles:
  - a. Question: Would Valmont be accepted for streetlight poles? They can match. Says Lumec and Sternberg. And Signify/Cooper Lighting has fixture equivalent to the Signify/Lumec ped fixture. I have a similar fixture to the ATB2 Autobahn as well if it would be allowed.
  - b. Answer: We would need additional information in order to review this substitution. Design team did quite a bit of coordination during the design process regarding the streetlight/pedestrian light assembly and want to make sure all pieces and parts are covered. We would request the following:
    - 1) A detailed pole elevation with part numbers and dimensions along with associated cutsheets. I didn't see any information in the email regarding the decorative 8ft streetlight arms or fluted pole.
    - 2) A photometric study of the streetlighting proving that the luminaire substitution offers equal illuminance and luminance levels to the specified product.
3. Traffic signal pole lamping for luminaires:
  - a. Question: Provide information on the lamping for luminaires on the traffic signal poles.
  - b. Answer: the streetlighting drawings indicate the luminaires on these poles and they are specified to be LED with manufacturer to match the other streetlights.
4. Planholders list and prebid attendee list:
  - a. Question: Can I get a copy of the planholders list and the attendee list of the prebid meeting?
  - b. Answer: Please refer to the Drexel Technologies planroom for a planholders list. <http://www.drexeltech.com>, additional assistance is available at [distribution@drexeltech.com](mailto:distribution@drexeltech.com) or 913-371-4430. The prebid meeting information is attached to this addendum.
5. Wall Thickness and Reinforcing
  - a. Question: Sheet 10.03 inlet notes note #5 says they have to design the wall thickness and reinforcing. It is about \$850 per inlet to have it designed. Some have thick walls when they are next to the sidewalk per 10.04
  - b. Response: Schedule of wall thickness and reinforcing for inlets requiring special design are shown on sheet C08.01.
6. Existing Waterline
  - a. Question: Please provide the size and material for existing waterline being removed or abandoned.
  - b. Response: South Main Street waterline is believed to be 8" cast iron and ductile iron. South Avenue water line is believed to be 12" ductile iron.
7. 6" Concrete Pavement
  - a. Question: What is 6" concrete pavement in bid item 71 intended for?
  - b. Response: The additional 6" concrete pavement as directed by Engineer is mainly intended for residential driveway.

8. Overtime Pay Calculation – Fringe Benefits
  - a. Question: Do fringe benefits need to be included in the hourly rate when you calculate overtime pay rate. Some entities interpretation is to include fringe benefits.
  - b. Response: No.
9. Waterline Fittings:
  - a. Question: The water line specs say to use C110 fittings. Are C153 compact fittings acceptable?
  - b. Response: Yes.
10. Luminaire:
  - a. Question: Can you tell me where the wiring information for the luminaires on the signal poles is located.
  - b. Response: Our streetlight plans (SE201-205) indicate wire marks where wire is required and schedules (SE003) indicate the wire size between poles.
11. Asphalt Mix
  - a. Question: Since this project is on MoDOT ROW, can MoDOT approved mixes be utilized? A MoDOT Bit-Base would typically be used where an APWA Type 1-01 is designated and a MoDOT SP125C would typically be used where an APWA Type 5-01 is designated.
  - b. Response: MDOT SP125 PG 70-22 for surface and SP250C for base are acceptable substitutions.
12. Flared End Section
  - a. Question: What flared end section would be used with the polypropylene pipe option on the South Main Corridor project. Would you like all flared end sections to remain concrete as specified on the plan drawings or would metal flared end section (FES) be considered on the project?
  - b. Response: Concrete end sections are required for this project.
13. Concrete Median Strip
  - a. Question: How is concrete median strip paid for?
  - b. Response: Median concrete strip where required will be paid for at the contract unit price for sidewalk.
14. Pavement Removal Payment
  - a. Question: Some of the existing pavement consists of asphalt pavement over concrete pavement. Will it be paid for under asphalt pavement removal or concrete pavement removal?
  - b. Response: Pavement removal quantities are based on the material at the surface., regardless of the differing materials below. Pavement removals will be paid for based on the pavement removal hatch included on the drawings.
15. Corrugation Type for CMP
  - a. Question: Since the contractor has the option to use high density polypropylene in lieu of polymer coated CMP and since polypropylene pipe has a smooth interior, I assume you want the “Spiral-Rib” corrugation type for the Polymer CMP, since it also has a smooth interior (mannings’ n = 0.012)? The “spiral rib” corrugation type is listed in Section 2600 of the kcmo Storm specs.
  - b. Response: The CMP pipe does not need to be smooth on the interior.
16. Gaskets for CMP
  - a. Question: Since there are no gaskets called out for the Polymer CMP and since the polymer coating on both sides on the band does provide additional tightness when in contact with the outer polymer coating on the CMP, is it appropriate to assume no gasket needed?
  - b. Response: Yes.
17. Wall Profile CMP

- a. Question: Is the Triple wall Polypropylene pipe (all diameter) the desired wall profile in lieu of the double wall?
  - b. Response: Both would be acceptable.
- 18. Slotted Drain CMP
  - a. Question: Since Polymer CMP is acceptable for the storm sewer pipe, can Polymer coated Slotted drain be an acceptable alternate to the specified ADS Duraslot 1260-DS? The cmp portion of "Slotted drain" is polymer coated and the 3/16" thick "heavy duty" grate is hot dip galvanized, versus the Duraslot grate = 1/16" thick.
  - b. Response: Yes.
- 19. Fiber Optic
  - a. Question: Can you also provide some additional information on the fiber optic termination at each controller. Are we to terminate the fibers and if so can we get some direction on what is wanted. Plans are rather vague. It wouldn't be as much of an issue if this was 6 count fiber but this is 96 count fiber
  - b. Response: Fiber optic cable shall be 96 count consisting of 8 buffer tubes each having 12 fiber strands. For the traffic signal network, termination of the fiber optic at the controller cabinet shall be done by splicing the 12 strands of one buffer tube underground in the junction box (pull box) closest to the cabinet (mid span splicing in vault) with the 12 strands brought up to the cabinet with a factory terminated panel. The remaining 7 buffer tubes (84 strands) shall be reserved for use by other networks as needed in the future. For additional information on fiber optic interconnect, refer to the 2020 Missouri Standard Specifications for Highway Construction, Fourth Edition, April 2021, Section 1092.4.5.5.1 thru 1092.4.5.5.3"
- 20. Flowable Fill for Backfilling
  - a. Question: Note 16 of the general utility notes on sheet C00.51 Indicates that storm sewers and waterlines shall be constructed as detailed. All storm sewers and waterline trenches under the paving shall be backfilled with flowable fill. Is flowable fill required for backfilling under sidewalks and drives.
  - b. Response: Flowable backfill is required under the driveways but not under the sidewalks
- 21. Broken Concrete in Deep Fills.
  - a. Question: Is it acceptable to place broken-up concrete in deep fills?
  - b. Response: Contractor will have to obtain approval from MoDOT to place the broken-up concrete in deep fills.
- 22. Steel Conduits for Everyg
  - a. Question: Everyg is getting enquiries from bidders about steel conduits.
  - b. Response: Everyg does not require steel conduits anywhere.

PART 2 - PRODUCTS - NOT USED

PART 3 - EXECUTION - NOT USED

END OF SECTION 00911

**City of Maryville, Missouri**  
 South Main Corridor Improvement Project (Phase 1)  
 Project # STP-4300 (112)  
 Meeting Minutes for Pre-Bid– June 29, 2021 - 1:00 p.m.

## I. Introductions

Please Sign-in

City personnel

Name, Title	Email	Phone
Greg McDanel, City Manager	<a href="mailto:gmcddanel@maryville.org">gmcddanel@maryville.org</a>	660-541-1353
Ryan Heiland, Assistant City Manager	<a href="mailto:rheiland@maryville.org">rheiland@maryville.org</a>	660-541-4402
CE Goodall, Public Works Director	<a href="mailto:egoodall@maryville.org">egoodall@maryville.org</a>	660-562-8001
Stacy Wood, City Clerk	<a href="mailto:swood@maryville.org">swood@maryville.org</a>	660-562-8003

Engineer's personnel: SK Design Group, Inc. 913-451-1818

Name, Title	Email	Phone
Sassan Mahobian, Principal in Charge	<a href="mailto:sassan@skdg.com">sassan@skdg.com</a>	913-238-3178
Stephen Brefo, Project Manager, Submittals	<a href="mailto:sbrefo@skdg.com">sbrefo@skdg.com</a>	816-510-1126
Mehrdad Givechi, Traffic Signals	<a href="mailto:mgivechi@sunflower.com">mgivechi@sunflower.com</a>	785-766-0712
Chris Francisco, Field Project Manager	<a href="mailto:cfrancisco@skdg.com">cfrancisco@skdg.com</a>	816-726-7089
Matt Matthew, Field Representative	<a href="mailto:mmatthew@skdg.com">mmatthew@skdg.com</a>	913-378-7079

Engineer's Consultants:

Name, Company	Email	Phone
Adam Teal, Midland Survey	<a href="mailto:ateal@midlandsurvey.com">ateal@midlandsurvey.com</a>	660-582-8633
Allyson Evans, LightWorks	<a href="mailto:allyson@lightworkskc.com">allyson@lightworkskc.com</a>	816-640-9948
Doug Pickert, Indigo	<a href="mailto:doug@indigoparks.com">doug@indigoparks.com</a>	913-583-1370
Dylan Kruger, KTI	<a href="mailto:dzkruger@ktionline.com">dzkruger@ktionline.com</a>	913-498-114

## II. Overview of Project Intent, Goals, Objectives

The Work consists of reconstruction of a section of South Main Street Corridor from South Avenue to State Highway V including:

- Storm sewer system improvement
- Full depth street widening
- Mill and overlay
- Traffic signals
- Lighting
- Curb & sidewalk replacement
- Multi-use trail
- Landscaping
- Improvement to existing driveway accesses.

The selected Bidder will construct the project, complete related services described in the contract documents and place the project into service in accordance with the plans and specifications.

### **III. Schedule**

- Questions, Comments and Requests for Clarifications Due to Engineer by August 2nd, 2021 before 2:00 p.m.
- Response to Bidder Questions if necessary (Addendum) August 06, 2021
- Public Bid Opening August 10th, 2021 2:00 p.m.  
Note: Bids will be received by the City of Maryville, Missouri at the office of the City Clerk, City Hall, 415 N. Market Street, Maryville, Missouri 64468 until 2:00 pm on August 10th, 2021 2:00 p.m.
- Contract Award / Notice to Proceed TBD
- Period of Performance: 540 Calendar Days
- Final Completion TBD

### **IV. Bidder Checklist**

- 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.
- For submittal of paper bids, the complete set of bidding documents includes all information through the DBE forms.
- If submitting the bid by mail, it is to be completed, executed, and submitted in a sealed envelope addressed to the City of Maryville, MO.
  - Provide the vendor name, vendor address, vendor number, county, route and federal project number on the outside of the envelope (if applicable).
- Please read all items in the bidding document carefully. For paper bids, complete all items in ink or by typing in the information.
- Sign this bidding document properly.
- For paper bids submit a bid bond executed by bidder and surety, or attach cashier's check to the bid bond form.
- Submit the DBE Submittal Forms within 3 business days of the Bid Opening.
- For paper bids, staple addenda to the bid in the appropriate part of the bid.
  - The letter accompanying the addenda should be stapled to the inside of the back cover of the bid and returned.

### **V. Disadvantaged Business Enterprise (DBE)/Buy America/Prevailing Wage**

- The overall goal for DBE participation for this project is **6%**.
  - The Bidder shall also complete the DBE Submittal Forms as required.
- This project falls under Title 23, CFR, titled Buy America Requirements.
  - Buy America certifications will be required on all applicable materials.
- This contract requires payment of the prevailing hourly rate of wages for each craft or type of work required to execute the contract as determined by the Missouri Department of Labor and Industrial Relations

### **VI. Job Special Provisions**

- Traffic management schedule shall be submitted to the engineer by contractor prior to the start of work.

- This should be submitted to the engineer as soon as possible to mitigate delay after NTP is issued.
- Holiday Restrictions: Memorial Day, Independence Day, Labor Day.
  - All lanes shall be scheduled to be open to traffic during holiday periods from 12:00 Noon on the last working day preceding the holiday until 9:00AM on the first working day subsequent to the holiday.
- Night-time paving will be required. For specific requirements, see notes on drawing C00.51.
- Liquidated Damages may be assessed at \$4300/day if work is not complete on time.
- Utility contacts
- Letters of Certification. Utilities "Status" Letter
  - Evergy has facilities that must be relocated for base bid work. The extent of relocations is shown on the plans. Contractor's responsibilities are identified on the plans.
  - Telecom lines will need to be relocated and coordinated with the telecom companies. Contractor's responsibilities are identified on the plans.
  - Gas lines will need to be relocated and coordinated with the gas company. Contractor's responsibilities are identified on the plans.
  - Waterlines will need to be relocated under this contract
- Order of work: Refer to Drawing C00.51
- ADA per plans and reviewed per MODOT checklist
- ~~Possession of Right of Way: Parcel 17 (Carpar) and 29 (Caseys) are subject to delayed possession. Do not enter these properties until possession. Mid must account for this delayed possession.~~ All right-of-way acquisitions are complete

## VII. Project Documents

Copies of plans and specifications and addenda can be seen or purchased for a Non-Refundable fee on-line at [www.drexeltech.com](http://www.drexeltech.com) in their eDistribution plan room, additional assistance is available at [distribution@drexeltech.com](mailto:distribution@drexeltech.com).

SIGN-IN SHEET  
Pre-Bid Meeting  
SOUTH MAIN CORRIDOR IMPROVEMENT PROJECT STP-4300(112)

July 29, 2021  
1:00 p.m.

	<u>NAME</u>	<u>ADDRESS</u>	<u>PHONE</u>	<u>EMAIL ADDRESS</u>
1.	Otto Sweet	302 Mainline St JO	816-215-0284	Otto@RSelectricutility.com
2.	RYAN McMASTER	AMINO BROTHERS 6110 KAW DR. KCK 66111	913-334-2330	ryan@aminobros.com
3.	Coby Crowl	8131 Indiana Ave KCMO 64132	816 363 5530	ccrowl@kissickco.com
4.	Scott Walters VF Architects	19209 East 21st street Harrisonville MO 64241	816-935-9888	VF@billsdesign.com
5.	SASSAN MAHOBIAN	4600 College Blvd Suite 100 OP, KS 66211	913-451-1818	SASSAN@SKDG.COM
6.	Dan Haggard	Zoom		
7.	Doug Pickert	Zoom		
8.	Lydia Campbell	Zoom		
9.	Brad Boyles	Zoom		
10.	Amy Davis	Zoom		
11.	Kathi Vander	Zoom		
12.	Trevor Krutzberg	Zoom		
13.	Stephen Bréfo, SK Design	Zoom		
14.	Greg McDanel, City of Maryville	415 N. Market, 64468	660-562-8001	gmcdanel@maryville.org
15.	Chris Francisco, SK Design	4600 College Blvd., Suite 100, OP, KS 66211	816-726-7089	cfrancisco@skdg.com
16.	Matt Matthew, SK Design	4600 College Blvd., Suite 100, OP, KS 66211	913-378-7079	mmatthew@skdg.com