

CITY OF SAINT LOUIS

DEPARTMENT OF THE PRESIDENT, BOARD OF PUBLIC SERVICE

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**ADDENDUM NO. 1**

TO

PLANS AND SPECIFICATIONS

FOR

**TOWER GROVE CONNECTOR, PHASE 1**

ST. LOUIS, MISSOURI

DATE: **11/19/24**  
LETTING NUMBER: **8779**

The following changes and additions shall be made in the plans, specifications, and bid form. The cost thereof shall be included in the proposals submitted by the bidders.

Receipt of this addendum must be acknowledged on Bid Express.

**ADDENDUM TO THE PROJECT SPECIFICATIONS**

- Replace plan sheet 15 (summary of quantities, sheet 1 of 2) with the revised plan sheet 15 that is attached to this addendum.

**ADDENDUM TO THE PROJECT SPECIFICATIONS**

- Revise "JSP-11 Railroad Requirements", Section 3.0 Basis of Payment, for this JSP.
- Add "JSP-60 Rectangular Rapid Flashing Beacon Assembly".

**ADDENDUM TO THE ITEMIZED BID FORM**

- Revise the quantity and unit of bid item "6199901C - PAYMENT FOR WORK PERFORMED BY UPRR" from 1 LUMP SUM to 95,000 EACH. The unit cost of this line item is set at \$1.00/EACH.
- Add the bid item "9029902W - RECTANGULAR RAPID FLASHING

BEACON ASSEMBLY" to the contract, with a quantity and unit of 6 EACH.

### **QUESTIONS & ANSWERS**

**Q:** How should contractors address the \$95k estimated fee for UPRR work in their bids?

**A:** The JSP and bid item related to this work have been revised with this addendum to address UPRR invoicing. The Contractor will pay UPRR directly, then submit proof of payment to the City for reimbursement. A construction change order will be issued to increase/decrease the value of this line item as needed so that the final contract value of this line item is equal to the total amount invoiced by UPRR.

**Q:** In looking at the plans I found that plan sheets number 235 and 236 call for new Rapid Flashing Beacons shown to be installed, but nowhere in the special provisions or the pay items do I see any pay item set up for these. There are not special drawings or other mention that I can find for these. There are three locations shown, one on sheet 235 and two shown on sheet 236. Please review and advise if they are to be installed and how they are to be paid.

**A:** The JSP and pay items for RRFBS were inadvertently left out of the final bid package. This addendum adds JSP-60 and bid item 9029902W to the contract to address this oversight. There are a total of 6 RRFBS to be installed; two near Station 12+20, two near Station 20+00, and two near Station 26+60.

**END OF ADDENDUM NO. 1**

Attachments:

- Revised plan sheet 15 of 30, dated 11/19/24 (1 page)
- Revised JSPs (4 pages)
- Pre-bid meeting agenda (4 pages)

SUMMARY OF QUANTITIES - CONTINUED

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
SPECIFIC SIGNAL ITEMS			
9020213	SIGNAL HEAD, TYPE 3S	EA	7
9020215	SIGNAL HEAD, TYPE 5S	EA	1
9020413	SIGNAL HEAD, TYPE 3C	EA	7
9020513	SIGNAL HEAD, TYPE 3B	EA	46
9020515	SIGNAL HEAD, TYPE 5B	EA	3
9020811	SIGNAL HEAD, TYPE 1S, PEDESTRIAN	EA	43
9020833	SH-FLAT SHEET - SIGNAL SIGN	SF	540
9020834	SIGNAL SIGN, MOUNTING HARDWARE	EA	54
9022651	LUMINAIRE LED-A, 120 VOLT COMPATIBLE	EA	21
9022708	POST, SIGNAL 8 FT.	EA	16
9022715	POST, SIGNAL 15 FT.	EA	5
9023120	POST, TYPE CL, 20 FT. ARM	EA	3
9023125	POST, TYPE CL, 25 FT. ARM	EA	1
9023130	POST, TYPE CL, 30 FT. ARM	EA	4
9023135	POST, TYPE CL, 35 FT. ARM	EA	1
9023140	POST, TYPE CL, 40 FT. ARM	EA	3
9023150	POST, TYPE CL, 50 FT. ARM	EA	1
9023425	POST, TYPE BL, LONGEST ARM 25 FT.	EA	1
9023440	POST, TYPE BL, LONGEST ARM 40 FT.	EA	1
9023445	POST, TYPE BL, LONGEST ARM 45 FT.	EA	1
9023455	POST, TYPE BL, LONGEST ARM 55 FT.	EA	1
9024283	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	EA	5
9025200	CONDUIT, 2 IN., TRENCH	LF	630
9025300	CONDUIT, 3 IN., TRENCH	LF	1330
9025400	CONDUIT, 4 IN., TRENCH	LF	30
9027300	CONDUIT, 3 IN., PUSHED	LF	1060
9028100	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	2000
9028208	CABLE, 8 AWG 1 CONDUCTOR, POWER	LF	5380
9028302	CABLE, 12 AWG 2 CONDUCTOR	LF	4270
9028308	CABLE, 16 AWG 2 CONDUCTOR	LF	9310
9028310	CABLE, 16 AWG 5 CONDUCTOR	LF	7200
9028311	CABLE, 16 AWG 7 CONDUCTOR	LF	16550
9028621	POWER SUPPLY ASSEMBLY, TYPE-2, 240/120 VOLT SERVICE, LIGHTING AND SIGNALS	EA	5
9028811	PULLBOX, PREFORMED, CLASS 2	EA	20
9028812	PULLBOX, PREFORMED, CLASS 3	EA	5
9029100	BASE, CONCRETE	CY	69
9029901A	INSTALL ECO-COUNTER SYSTEM	LS	1
9029901B	MODOT TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING	LS	1
9029901C	CITY OF ST. LOUIS TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING	LS	1
9029902A	SIGNAL HEAD, BICYCLE, 3S, 8" LENS	EA	7
9029902B	SIGNAL HEAD, BICYCLE, 3S, 12" LENS	EA	7
9029902C	POST, SIGNAL 4 FT.	EA	26
9029902D	APS UNIT w/ SIGN	EA	50
9029902E	APS UNIT w/ SIGN, w/ EXTENSION BRACKET	EA	3
9029902F	REMOVE EXISTING SIGNAL POST	EA	14
9029902G	NETWORK CONNECTED SIGNAL MALFUNCTION MANAGEMENT UNIT	EA	5
9029902H	WIRELESS DETECTION SYSTEM	EA	4
9029902I	VIDEO DETECTION SYSTEM, 6 CAMERAS	EA	1
9029902J	VIDEO DETECTION SYSTEM, 7 CAMERAS	EA	1
9029902K	REMOVE EXISTING SIGNAL HEAD	EA	53
9029902L	REMOVE EXISTING PEDESTRIAN HEAD	EA	24
9029902M	REMOVE EXISTING APS UNIT W/ SIGN	EA	7
9029902N	REMOVE EXISTING PULLBOX	EA	11

# DENOTES A ST. LOUIS COUNTY DEPARTMENT OF TRANSPORTATION BID ITEM NUMBER

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
SPECIFIC SIGNALS / ITS / LIGHTING ITEMS CONTINUED			
9029902O	REMOVE EXISTING MAST ARM MOUNTED SIGN	EA	14
9029902P	REMOVE EXISTING POST MOUNTED SIGN	EA	11
9029902Q	REMOVE EXISTING MAST ARM AND POLE	EA	10
9029902R	REMOVE EXISTING SIGNAL CABINET	EA	4
9029902S	REMOVE EXISTING CONCRETE FOUNDATION	EA	26
9029902T	REMOVE EXISTING RADIO	EA	1
9029902U	EDGE LIT LED STREET SIGN	EA	1
9029902V	REMOVAL OF IMPROVEMENTS	EA	1
9029902W	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	EA	6
9029903A	CONDUIT, 2 IN., BRIDGE MOUNTED	LF	467
9029903A	CONDUIT, 2 IN., BRIDGE MOUNTED	LF	467
9029907A	MODIFIED FOUNDATION, CLASS B CONCRETE (MISC)	CY	21
9029907B	MODIFIED FOUNDATION, REINFORCING STEEL	LB	1940
9029907C	MODIFIED FOUNDATION, CLASS I EXCAVATION	CY	50
SPECIFIC ITS ITEMS			
9105200	CONDUIT, 2 IN., TRENCH	LF	8870
9108811	PULLBOX, PREFORMED, CLASS 2	EA	29
9108816	PULLBOX, PREFORMED, CLASS 5	EA	7
9109903A	CONDUIT, 2 IN., PUSHED	LF	6760
9109903B	FIBER OPTIC CABLE, 48-STRAND SINGLE MODE / 24-STRAND MULTI MODE	LF	16220
9109902A	RACK MOUNTED INTERCONNECT CENTER	EA	6
9109902B	HARDENED ETHERNET SWITCH - LAYER 2	EA	7
9109902C	FUSION SPLICE, SINGLE MODE	EA	168
9109902D	FUSION SPLICE, MULTI MODE	EA	168
9109902E	FIBER OPTIC PIGTAIL, SINGLE MODE	EA	168
9109902F	FIBER OPTIC PIGTAIL, MULTI MODE	EA	168
9109902G	FIBER OPTIC JUMPER, SINGLE MODE	EA	30
9109902H	FIBER OPTIC JUMPER, MULTI MODE	EA	28
9109902I	INSTALL FIBER INTO CITY BUILDING	EA	1
9109902J	MM STAR MODEM	EA	1
SPECIFIC LIGHTING ITEMS			
9011115	BRACKET ARM, 15 FT. OR 4.6 M	EA	21
9016110	PULL BOX, PREFORMED CLASS 1	EA	28
9017008	CABLE, 8 AWG, 1 CONDUCTOR	LF	63050
9017110	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	4740
9018612	POWER SUPPLY ASSEMBLY, TYPE-2, 240/120 VOLT SERVICE, LIGHTING ONLY	EA	1
9019902	INSTALL NEW COBRA HEAD LIGHT POLE, DIRECT BURY FOUNDATION	EA	35
9019903	CONDUIT, 2 IN., TRENCH	LF	13880
9019903	CONDUIT, 2 IN., PUSHED	LF	1773
9019902A	REMOVE EXISTING COBRA LIGHT, DIRECT BURY FOUNDATION	EA	35
9019902B	NEW DECORATIVE PEDESTRIAN LIGHT, INSTALLED	EA	133
9019902C	WALL-MOUNTED LIGHTING UNDER I-44 BRIDGE	EA	3
9019902D	INTERCEPT EXISTING CONDUIT WITH NEW CONDUIT SPLICE	EA	14
MISCELLANEOUS ITEMS			
6189901A	RAILROAD PERMITS	LS	1
6189901B	RAILROAD FLAGGERS	DAY	42
6189901C	PAYMENT FOR WORK PERFORMED BY UPRR	EA	95000
1080000	TRAINEE REIMBURSEMENT	HOURLY	1000
6151000	OFFICE FOR ENGINEER	MO	14

# DENOTES A ST. LOUIS COUNTY DEPARTMENT OF TRANSPORTATION BID ITEM NUMBER

**DISCLAIMER OF RESPONSIBILITY**  
 I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part of the engineering project or survey.

REV	DATE	BY	DESCRIPTION
ADD#1	11/19/2024	LWJ	UPDATED PAY ITEMS

**LOCHMUELLER GROUP**  
 411 N 10TH STREET, SUITE 200  
 SAINT LOUIS, MISSOURI 63101  
 P (314) 621-3395 F (314) 621-3288  
 WWW.LOCHGROUP.COM  
 MISSOURI STATE ENGINEERING CORPORATION  
 CERTIFICATE LICENSE NO. 2002011852

TOWER GROVE CONNECTOR  
 CYCLE TRACK IMPROVEMENTS  
 SUMMARY OF QUANTITIES  
 (SHEET 1 OF 2)

PROJECT/JOB NO.  
 9901 (662)  
 MSD PROJECT NO.  
 22MSD-00519  
 MSD BASE MAP  
 20G, 20F, 21G  
 DATE PREPARED  
 11/19/2024  
 SHEET  
 15 OF 310

JSP-49	COMPLIANCE WITH 2 CFR 200.216 – PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT	124
JSP-50	STORMWATER COMPLIANCE REQUIREMENTS	125-126
JSP-51	ANTI-DISCRIMINATION AGAINST ISRAEL CERTIFICATION	127
JSP-52	GROUND TIRE RUBBER (GTR) DRY PROCESS MODIFICATION OF BITUMINOUS PAVEMENT MATERIAL	128-131
JSP-53	DISPOSAL OF BLAST MEDIA AND PAINT RESIDUE	132
JSP-54	SUPPLEMENTAL REVISIONS TO MODOT STANDARD SPECIFICATIONS - JSP-18-01AB	133-139
JSP-55	MODOT ITS EQUIPMENT WITHIN PROJECT LIMITS	140
JSP-56	MODOT TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING	141-143
JSP-57	ON-THE-JOB TRAINEE REQUIREMENTS	144-152
JSP-58	FIELD OFFICES AND SHEDS	153-154
JSP-59	BRIDGE LOAD RATING	155
JSP-60	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	156-157



	<p>CITY OF ST. LOUIS          BOARD OF PUBLIC SERVICE          Room 301 City Hall, 1200 Market Street          St. Louis MO 63103          Phone 1-314-622-3535</p>
	<p>LOCHMUELLER GROUP, INC.          411 North 10th Street, Suite 200          St. Louis, MO 63101          Certificate of Authority: F00508273          Consultant Phone: (314) 621-3395</p>
	<p>If a seal is present on this sheet, JSP's have been electronically sealed and dated.</p>
	<p>JOB NUMBER:          CMAQ-9901(662)          TIP 7138-23          DATE PREPARED: 11/19/2024</p>
	<p>ADDENDUM DATE:</p>

All required flagger costs shall also be covered by the Contractor.

A copy of the issued permit should be onsite at all times during construction operations over the BNSF tracks.

### 3.0 Basis of Payment

All work necessary for compliance with this provision shall be included with the pay items "RAILROAD PERMITS" per LS and "RAILROAD FLAGGERS" per DAY. Additionally, the Contractor will be responsible for paying invoices submitted by Union Pacific Railroad for work performed by UPRR personnel. This work is estimated at \$95,000, based on the Railroad's Material and Force Account Estimate as stipulated in the Construction & Maintenance Agreement. The Contractor will be reimbursed for payments made to UPRR through the pay item "PAYMENT FOR WORK PERFORMED BY UPRR". This pay item will reimburse the Contractor for the total cost billed by UPRR, with no additional markup.

END OF JOB SPECIAL PROVISION JSP- 11

1



JSP – 60

**RECTANGULAR RAPID FLASHING BEACON ASSEMBLY**

- 1.0 Description.** Rectangular Rapid Flashing Beacons Assemblies (RRFBs) shall be placed at the locations indicated in the plans. Rectangular Rapid Flashing Beacons shall consist of a signal post having pedestrian crossing signs and two rapid flashing beacons facing one direction of traffic. The RRFB assemblies shall be solar powered with wireless communications to allow for both RRFBs to activate with a single pushbutton actuation. The solar panel array and battery system shall be sized for up to 5 days of autonomy based on site location. APS pushbuttons shall meet current PROWAG, ADA, and MUTCD requirements.
- 2.0 Construction Requirements.**
- a. General Conditions:
    - i. RRFBs shall meet requirements set forth by this JSP and in the MUTCD 11th Edition, Chapter 4L ([https://mutcd.fhwa.dot.gov/pdfs/11th\\_Edition/part4.pdf](https://mutcd.fhwa.dot.gov/pdfs/11th_Edition/part4.pdf))
    - ii. An RRFB shall consist of two rapidly and alternately flashed rectangular yellow indications having LED-array based pulsing light sources, and shall be operated in accordance with the detailed requirements specified below.
    - iii. Each post shall have front facing signs and RRFBs for a total of 4 pedestrian signs, four plaques, and 8 RRFBs total for the crossing.
    - iv. Power for the RRFBs shall be via 120V AC from a separate adjacent disconnect cabinet.
  - b. Beacon Dimensions and Placement in Sign Assembly:
    - i. Each RRFB shall consist of two rectangular-shaped yellow indications, each with an LED-array based light source. Each RRFB indication shall be a minimum of approximately 5 inches wide by approximately 2 inches high.
    - ii. The two RRFB indications shall be aligned horizontally, with the longer dimension horizontal and with a minimum space between the two indications of approximately seven inches (7 in), measured from inside edge of one indication to inside edge of the other indication.
    - iii. The outside edges of the RRFB indications, including any housings, shall not project beyond the outside edges of the W11-2 sign.
  - c. Beacon Flashing Requirements:
    - i. When activated, the two yellow indications in each RRFB shall flash in a rapidly alternating "wig-wag" flashing sequence (left light on, then right light on).
    - ii. Each of the two yellow indications of an RRFB shall have 70 to 80 periods of flashing per minute and shall have alternating but approximately equal periods of rapid pulsing light emissions and dark operation. During each of its 70 to 80 flashing periods per minute, one of the yellow indications shall emit two rapid pulses of light and the other yellow indication shall emit three rapid pulses of light.
    - iii. The flash rate of each individual yellow indication, as applied over the full on-off sequence of a flashing period of the indication, shall not be between 5 and 30 flashes per second, to avoid frequencies that might cause seizures.

- iv. The light intensity of the yellow indications shall meet the minimum specifications of Society of Automotive Engineers (SAE) standard J595 (Directional Flashing Optical Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles) dated August 2021.
- d. Beacon Operation:
  - i. The RRFB shall be normally dark, shall initiate operation only upon pedestrian actuation, and shall cease operation at a predetermined time after the pedestrian actuation. The length of actuation shall be programmable and changeable.
  - ii. All RRFBs associated with a given crosswalk shall, when activated, simultaneously commence operation of their alternating rapid flashing indications and shall cease operation simultaneously.
  - iii. To actuate the RRFBs, a pedestrian instruction sign with the legend PUSH BUTTON TO TURN ON WARNING LIGHTS | WAIT FOR GAP IN TRAFFIC should be mounted integral with each pedestrian pushbutton. Push buttons shall meet American's with Disabilities Act (ADA) requirements in both location and design with both visible and audible feedback when pushed.
  - iv. The duration of a predetermined period of operation of the RRFBs following each actuation should be based on the MUTCD procedures for timing of pedestrian clearance times for pedestrian signals.
  - v. A small light directed at and visible to pedestrians in the crosswalk shall be installed integral to the RRFB or push button to give confirmation that the RRFB is in operation.
- e. Other:
  - i. Except as otherwise provided above, all other provisions of the MUTCD applicable to Warning Beacons shall apply to RRFBs.
  - ii. The signs shall meet the requirements of Division 903 of the MoDOT standard specifications for size, retroreflectivity, materials, and mounting. The minimum height of the lowest sign shall be seven feet when mounted in or adjacent to sidewalk to meet ADA requirements.
  - iii. The W11-2 and W16-7p signs shall be the highly reflective green.
  - iv. The post shall be 4.5" diameter galvanized steel pipe post with breakaway base assembly on concrete foundation. The post shall be located so that a minimum of four feet of walkable sidewalk is maintained.

**3.0 Method of Measurement.** Measurement for installation of RRFBs will be made per each RRFB assembly, including pole, base, foundation, solar panel(s), batteries, pole-mounted cabinet, wiring between RRFB elements within the pole, pushbutton, signs, RRFB modules, and miscellaneous hardware. No measurement will be made for individual items that make up the RRFB system.

**4.0 Basis of Payment.** All labor, equipment, and materials necessary to install the beacons, signs, solar panels with batteries, push buttons, post, foundation, and other equipment to have a fully operational RRFB system will be included in Item No. 9029902W RECTANGULAR RAPID FLASHING BEACON ASSEMBLY, per EACH for each RRFB assembly installed.

END OF JOB SPECIAL PROVISION JSP-60

***City of St. Louis***  
**DEPARTMENT OF THE PRESIDENT**  
**BOARD OF PUBLIC SERVICE**  
1200 MARKET STREET, ROOM 301  
ST. LOUIS, MISSOURI 63103-2805  
(314) 622-3535

## **Pre-Bid Meeting Agenda**

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Project Name: Tower Grove Connector, Phase 1  
Letting No.: 8779  
Location: City Hall, Room #325  
Date/Time: November 14th, 2024 @ 10:00 A.M.

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1. Sign-in Sheet

2. Introductions

a. City Staff

- i. M. Larry McLeese, Project Manager – BPS Design Division
- ii. Kevin Trapp, Assistant Chief Engineer - Design Division
- iii. Matt Poirot, Chief Construction Engineer - Construction Division

b. Designers

- i. Chris Beard – Lochmueller Group

3. Project Overview

- The Tower Grove Connector Cycle Track project will add a 2-way, street level, physically protected bike and scooter facility on the existing asphalt pavement protected by a curb and buffer along the west side of Tower Grove from Magnolia Ave. to McRee Ave and the east side of Tower Grove from McRee Ave to Vandeventer Ave., and along the east side of Vandeventer Ave. from Tower Grove Ave. to Sarah St.
- The project will also include on-street parking along the cycle track corridor, the relocation of Vandeventer Ave. and Central Industrial Dr. intersection, and elements that improve pedestrian safety and accessibility such as updated pedestrian signal heads, high visibility crosswalk markings, updated ADA curb ramps at select locations.
- A new traffic signal will replace the existing signal at the intersections on Tower Grove Ave. at Magnolia Ave., Shaw Blvd., McRee Ave, Vandeventer, and Central Industrial Dr., and on Vandeventer Ave at Boyle Ave. and Sarah St. These new signals will accommodate the cycle track, lane reconfiguration, curb ramps, and modified drainage at this intersection.

4. Obtaining Plans and Specifications

- a. Bid Express: <https://www.bidexpress.com/businesses/20618/home>.



Tower Grove Connector, Phase 1  
Pre-bid Meeting, Cont'd.

- b. Bids must be submitted electronically through Bid Express. The City will not accept paper bids, and any paper bid received will be considered non-responsive and rejected. The link for the City's home page on Bid Express is also provided in the project specifications. Contractors will need to create a vender account and must have a Digital ID. There is a \$40 charge from Bid Express to contractors for bidding on this project.
  - c. Contractors must have a completed Contractor's questionnaire on file with the Missouri Highway & Transportation Commission at least 7 days prior to the bid opening date.
5. Bidding Schedule
- a. Out to bid: 10/28/2024
  - b. Pre-bid Meeting: 11/14/2024 at 10:00 AM
  - c. Bid Inquiries and Substitution Requests: no later than 11/19/2024 at 5:00 PM
  - d. Answers by Addendum: posted online no later than 11/26/2024 at 5:00 PM
  - e. Bids Due: No later than 12/03/2024 at 1:45 PM
6. Construction Schedule
- a. The contractor will have 200 working days to complete the project. Notice to Proceed is anticipated to be issued ~ March 2025 – April 2025. Liquidated damages have been set at \$3,625.00/day.
  - b. Saturday work will be allowed on this project with advanced approval from the Board of Public Service. Sunday work is not allowed on BPS projects except in the case of emergencies and with BPS approval.
7. Bid Inquiries and Bid Substitutions
- a. Bid inquires that require an addendum to revise either the plans, specifications, or bid items must be submitted no later than 14 days prior to the bid date (11/19/2024) by 5:00 PM.
  - b. Bid inquiries may continue to be submitted until 5:00 PM on 11/26/24, however responses will only be provided if the response is a simple design clarification. Bid inquiries received after 11/19/24 that require an addendum will not be answered.
  - c. Bid inquiries may either be submitted directly to the project page on Bid Express, or by completing the Bid Inquiry form in the project specifications and submitting it to Helen Bryant, Contract Supervisor at [bryanth@stlouis-mo.gov](mailto:bryanth@stlouis-mo.gov).
  - d. Any Substitution Requests received after 11/19/2024 will be denied and go unanswered.
8. Bids
- a. Bids received online at Bid Express, <https://www.bidexpress.com/businesses/20618/home>, Letting 8779 until 12/03/2024, 1:45 PM at which time they will be publicly opened and read.
  - b. Contractors must acknowledge receipt of all addendum issued when submitting bids.
9. Required Bid Submittal

Tower Grove Connector, Phase 1  
Pre-bid Meeting, Cont'd.

- a. Bidders must submit a bid deposit equal to 5% of the total bid. Bid deposits can either be submitted electronically on Bid Express or delivered directly to Helen Bryant in Room 301 of City Hall. If not submitted electronically, the bid deposit must be received before the time of the bid opening, and a scanned copy of the bid deposit must be uploaded to Bid Express.
- b. There are several affidavits that are due at the time of bidding and must be uploaded to Bid Express to be considered a responsive bid. Those affidavits are all provided in the attachments section of Bid Express. The subcontractor disclosure form and DBE submittal package are due by 4:00 PM on Friday, December 6, and can either be emailed or hand delivered to Helen Bryant.

10. Special Considerations and Permits

- a. The contractor will be responsible for obtaining all necessary permits from the City, MoDOT, and MSD.
- b. The contractor will be responsible for paying the permit fees to MSD, in the amount of \$10,326.00. There will not be a direct reimbursement for this work, the cost of which shall be incidental to the contract.
- c. The project crosses railroad tracks owned by the Union Pacific Railroad and the BNSF Railway companies. Contractors should carefully review "JSP-11 RAILROAD REQUIREMENTS" for details of the contractor's responsibilities, permitting requirements, and pay items related to working near railroad tracks.

11. Cone of Silence

- a. All correspondence should be through BPS Contract Supervisor, Helen Bryant. All other discussions or questions about the project with any other City department, the designers, or any other third party before bid opening are strictly prohibited.

12. DBE Goal

- a. The DBE goal of this contract is set at 12% of the total contract amount.

13. Buy America

- a. This project is subject to the Buy America law which will be strictly enforced on all iron, steel, and steel coating products. The contractor is responsible for obtaining all required documents to satisfy Buy America.

14. Water Department Work/Fees

- a. This project includes work that will be performed by the Water Department, and the Water Dept will invoice the contractor directly for their work.
- b. The Water Dept will install new taps on the main and provide new or refurbished hydrants to be installed. Reference JSP 21 and 22 for additional details of work to be performed by the Water Dept and the contractor.
- c. There is a line item in the project with a set value of \$72,000.00 to reimburse the contractor for invoices paid to the Water Dept. There will be no additional markup by

the contractor of the reimbursement of Water Dept invoices. A construction change order will be prepared to increase/decrease this line item as needed to reflect the total amount billed to the contractor.

- d. The Water Depts fire hydrants are Buy America compliant, however they do not obtain BA certification paperwork unless notified. It is the contractor's responsibility to inform the Water Department they need to provide Buy America step-certification paperwork for all new hydrants delivered to the site.
- e. There is a small amount of steel in each new hydrant that cannot be certified as compliant with Buy America. The contractor will need to track the non-compliant steel as part of the project's allowable "minor usage" of foreign steel/iron. The amount is approximately \$30/hydrant.

15. Misc.

- a. This contract requires that all onsite workers be paid prevailing wages. All workers also must have completed the OSHA 10 hours safety training course.
- b. This contract requires that all onsite workers be paid prevailing wages.
- c. The DBE goal for this project is 12% of the total contract amount.
- d. This project has been assigned an On the Job Training goal of 1 trainee or 1,000 hours.

16. Questions?

Q: How should contactors incorporate the estimated \$95k of work performed by UPRR into the contract?

A: The City will consider options and issue an addendum to address this work.

End of Meeting