

Addendum 1
Ladue Road and I-170 Road Project
Federal Project # DP-5410(621)

Date: November 25th, 2013

To: Prospective Bidders

Owner: City of Ladue
City Hall Public Works
9345 Clayton Road
Ladue, MO 63124

Engineer: Steve Stirnemann, P.E.
Crawford, Bunte, Brammeier
1830 Craig Park Court, Suite 209
St. Louis, MO 63146

This Addendum forms a part of the Bidding and Contract Documents and modifies the originals. FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDUM MAY SUBJECT BIDDER TO DISQUALIFICATION.

The purpose of this addendum is to make revision to the bid documents and to provide additional information to all bidders. This addendum provides revisions and/or clarifications to:

- Item #'s 27, 44, 45, 46, 73, 74 & 79

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1. Revise Pay Item #73 - 902-86.10 "Power Supply Assembly, Type 1" to replaced with **902-86.20 "Power Supply Assembly, Type 2"**
 2. Revise Pay Item #44 – 901-10.30 "Light Pole, 30 FT, Type AT" to **901-10.30 "Light Pole, 30 FT, Type AT (Powder Coated)"**
 3. Revise Pay Item #45 – 901-11.12 "Bracket Arm, 12 FT" to **901-11.12 "Bracket Arm, 12 FT, (Powder Coated)"**
 4. Revise Pay Item #46 – 901-13.10 "Luminaire, 250 WATT High Pressure Sodium" to **901-13.10 "Luminaire, 250 WATT High Pressure Sodium (Powder Coated)"**
 5. Clarification: Ameren UE has confirmed that they do not hold ownership of the existing light pole that is shown to be removed. This light pole is to be removed as shown on the plans.
 6. Clarification: The video detection system is necessary for this project. The existing Sensys equipment that is currently installed in the cabinet is for data collection, not stop bar detection. It was installed on a recent CMAQ project sponsored by the City of Clayton
 7. Clarification: Relocated electrical service will require a St. Louis County Permit and Inspection. Please see the attached diagram showing the new location of the utility pole where service of the building will be run from. The size of the new service lines must be sized per the existing service load of the building subject St. Louis County permit review or the maximum calculated load per NEC 310.16.
 8. Clarification: The proposed pullbox located in the new entrance driveway should be bid as shown, traffic rated for HS-20 loading.

ATTACHMENTS

- Ameren UE's Utility Pole Relocation
- Revised Itemized Bid Sheet



Preliminary:
Not Approved for
Construction

- 1.0 Set 55' pole at Station 9+05 L-27'. Double dead end 3Ø top circuit (FDR 44-1) and Underbuilt 3Ø circuit (FDR 44-6); take ± thru. Remove all Ameren attachments on the pole at 8+88 L-28 and reduce height to above telecom. AT&T and Charter to transfer to new pole, AT&T to remove old pole stub.
- 3.0 Set 60' pole extra deep (9') at Station 11+64 L-27'. 3Ø top circuit (FDR 44-1) & ± thru; Underbuilt 3Ø circuit (FDR 44-6) thru. Cluster 3-BA50F xfrms into a 120/208v 4W bank; Take new underground service customer service cables up the pole and connect.

Note: New underground cables and conduit to be installed by others. Installation of said cables and conduit must be permitted and inspected by the Authority having Jurisdiction (St. Louis Co.) prior to connection by Ameren. Installer is required to leave 40' length at the pole for Ameren to take up and connect.

- 2.0 Remove all Ameren attachments on the pole at 8+88 L-28 and reduce height to above telecom. AT&T and Charter to transfer to new pole, AT&T to remove old pole stub.

- 4.0 Remove existing EC150D xfrm and all Ameren Equipment; reduce pole height to above telecom. Charter & AT&T to vacate and AT&T shall remove pole stub,

- 5.0 Remove existing DH150D xfrm and all associated connections.

A m e r e n U E						
WORK REQUEST NO. 569938				EST. DIST. 06	HIGHEST VOLT 4kv	FEEDER NO. 44-1
FIN. COD RQGR	EST. BY KMW	VOL. 2-3	PAGE 330	AREA MAP 0-09c	UE DIST. 06	B.T. DIST.
CUSTOMER City of Ladue					DATE 05/31/13	BT ENGR.
LOCATION Ladue Rd & SB I-170 exit ramp						
MUNICIPALITY St Louis Co					JOB STAKED	

ITEM NO.	BID ITEM	ROADWAY ITEM	UNIT	QUANTITY	UNIT COST	UNIT COST	TOTAL
					(\$)	(WRITTEN)	
1	202-20.10	REMOVAL OF IMPROVEMENTS	LS	1			
2	203-10.00	CLASS A EXCAVATION	CY	156			
3	203-99.00	UNSUITABLE FILL, AS AUTHORIZED	CY	50	\$35.00		
4	304-01.63	6" TYPE 1 AGGREGATE BASE	SY	157			
5	304-05.04	4" TYPE 5 AGGREGATE BASE	SY	308			
6	401-01.06	6" BITUMINOUS PAVEMENT - TYPE X	SY	147			
7	401-12.11	2" TYPE BP-2 WEARING SURFACE	TONS	26.38			
8	401-12.12	3" TYPE BP-2 WEARING SURFACE	TONS	17.23			
9	408-10.10	PRIME COAT	GAL	135			
10	502-11.08	8" NONREINFORCED PCC	SY	43			
11	502-11.10	10" NONREINFORCED PCC	SY	94			
12	603-99.00	WATERLINE SERVICE RELOCATION	EA	1			
13	604-20.10	ADJUST MANHOLE TO GRADE	EA	2			
14	608-10.00	CONCRETE MEDIAN (DOWELED ON)	SY	35			
15	609-10.10	6" TYPE S CURB	LF	100			
16	609-20.11	6" TYPE A CURB	LF	149			
17	616.10.28	CHANNELIZER	EA	53			
18	616-10.40	FLASHING ARROW PANNEL	EA	1			
19	618-10.00	MOBILIZATION	LS	1			
20	619-10.00	PAVEMENT EDGE TREATMENT	LF	266			
21	627-40.00	CONTRACTOR FUNISHED SURVEYING AND STAKING	LS	1			
22	628-00.99	DECORATIVE BRICK WALL	SF	502			
23	803-10.00A	TURF TYPE TALL FESCUE SODDING	SY	25			
24	806-10.17	TEMPORARY SEEDING AND MULCHING	ACRE	0.2			
25	806-10.19	SILT FENCE	LF	192			

26	806-10.25	INLET CHECKS	EA	1			
27	806-20.99	ELECTRICAL SERVICE RELOCATION	EA	1			
						ROADWAY COST	

ITEM NO.	BID ITEM	PEDESTRIAN IMPROVEMENTS	UNIT	QUANTITY	UNIT COST	UNIT COST	TOTAL
					(\$)	(WRITTEN)	
28	608-10.10	CURB RAMP	SY	13			
29	608-10.12	TRUNCATED DOMES	SF	24			
30	608-60.04	4" SIDEWALK	SY	73			
						PEDESTRIAN COST	

TOTAL ROADWAY COST	
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ITEM NO.	BID ITEM	SIGNAL AND LIGHTING	UNIT	QUANTITY	UNIT COST	UNIT COST	TOTAL
					(\$)	(WRITTEN)	
31	620-05.00A	LEFT ARROWS (TAPE), TYPE 2	EA	3			
32	620-16.00A	THRU/RIGHT ARROWS (TAPE), TYPE 2	EA	2			
33	620-60.00B	4" WHITE PAINT	LF	125			
34	620-51.20	24" WHITE TAPE	LF	65			
35	620-59.06	12" WHITE PAINT	LF	242			
36	620-59.21	4" YELLOW PAINT	LF	697			
37	620-61.06	6" WHITE PAINT	LF	231			
38	620-61.19	6" YELLOW PAINT	LF	48			
39	616-10.05	CONSTRUCTION SIGNING	SF	129			
40	616-10.99	RELOCATED SIGNS	EA	9			
41	903-12.20	PIPE POST (2-1/2" DIAM.)	LBS	45.3			
42	903-12.24	PIPE POST (4" DIAM.)	LBS	129.5			

43	903-12.40	BREAKAWAY ASSEMBLY	EA	2			
44	901-10.30	LIGHTING POLE, 30 FT., TYPE AT (POWDER COATED)	EA	1			
45	901-11.12	BRACKET ARM, 12 FT. (POWDER COATED)	EA	1			
46	901-13.10	LUMINAIRE, 250 WATT HIGH PRESSURE SODIUM (POWDER COATED)	EA	1			
47	901-71.08	CABLE, 8 AWG, 1 CONDUCTOR	LF	40			
48	901-71.10	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	84			
49	901-72.08	WIRE, 8 AWG, BARE NEUTRAL	LF	20			
50	901-82.30	POLE FOUNDATION, 30 FT. MOUNTING HEIGHT	EA	1			
51	901-61.10	PULL BOX, PREFORMED CLASS 1 W/ H2O LOAD RATED LID	EA	1			
52	901-30.02	CONDUIT, 2 IN., TRENCH	LF	14			
53	901-99.01	REMOVAL OF EXISTING LIGHTING EQUIPMENT	LS	1			
54	902-05.13	SIGNAL HEAD, TYPE 3B, LED	EA	6			
55	902-05.14	SIGNAL HEAD, TYPE 4B, LED	EA	4			
56	902-08.11	SIGNAL HEAD, TYPE 1S, PEDESTRIAN, LED	EA	6			
57	902-27.08	POST, SIGNAL, 8FT (POWDER COATED)	EA	3			
58	902-32.25	POST, TYPE C, 25 FT. (POWDER COATED)	EA	1			
59	902-32.35	POST, TYPE C, 35 FT. (POWDER COATED)	EA	1			
60	902-32.40	POST, TYPE C, 40 FT. (POWDER COATED)	EA	1			
61	902-32.45	POST, TYPE C, 45 FT. (POWDER COATED)	EA	1			
62	902-42.83	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	EA	1			
63	902-49.20	DETECTOR, PUSHBUTTON	EA	6			
64	902-49.75	VIDEO DETECTION SYSTEM	EA	1			
65	902-52.00	CONDUIT, 2 IN., TRENCH	LF	29			
66	902-53.00	CONDUIT, 3 IN., TRENCH	LF	245			

67	902-72.00	CONDUIT, 2 IN., PUSHED	LF	109			
68	902-73.00	CONDUIT, 3 IN., PUSHED	LF	168			
69	902-82.08	CABLE, 8 AWG 1 CONDUCTOR, POWER	LF	80			
70	902-83.08	CABLE, 16 AWG 2 CONDUCTOR	LF	880			
71	902-83.10	CABLE, 16 AWG 5 CONDUCTOR	LF	880			
72	902-83.11	CABLE, 16 AWG 7 CONDUCTOR	LF	1620			
73	902-86.10	POWER SUPPLY ASSEMBLY, TYPE 2	EA	1			
74	902-88.11	PULL BOX, PREFORMED CLASS 2	EA	4			
75	902-88.12	PULL BOX, PREFORMED CLASS 3	EA	1			
76	902-88.16	PULL BOX, PREFORMED CLASS 5	EA	1			
77	902-91.00	BASE, CONCRETE	CY	15.5			
78	902-99.01A	REMOVAL OF EXISTING SIGNAL EQUIPMENT	LS	1			
79	902-99.01B	RELOCATE EXISITNG SENSYS EQUIPMENT	LS	1			
80	902.99.01C	TRAFFIC SIGNAL MAINTENANCE & PROGRAMMING	LS	1			
81	902-99.02A	DRILL EXISTING PULLBOX	EA	1			
82	902-99.02B	SIGNAL POST, 62 IN., 3 IN. DIA. (POWDER COATED)	EA	1			
83	902-99.03A	FIBER OPTIC CABLE , 24 - FIBER, 12 SINGLE MODE, 12-MULTIMODE	LF	910			
84	902-99.03B	FIBER OPTIC CABLE , 24 - FIBER, SINGLE MODE	LF	910			
85	903-50.68	SIGNAL SIGN, TYPE SHR2L-1	SF	34.14			
				TOTAL SIGNAL AND LIGHTING COST			
				TOTAL CONSTRUCTION COST			

Federal Project # **DP-5410(621)**
Route: Ladue Road.
County: St. Louis

TOTAL CONSTRUCTION COST (WRITTEN)_____

CONTRACTOR

ADDRESS

BY: TITLE

DATE

PHONE NUMBER