



Public Works Department

10000 East 59th Street
Raytown, Missouri 64133
(816) 737-6012
www.raytown.mo.us



Date: August 20, 2019

To: Potential Bidders

SUBJECT: MO 350 Hwy & Raytown Road Intersection Improvements
Bid Addendum #1
Job No. STP 3343-408

The original bid documents for Project No. STP-3343(408) for the 350 Hwy & Raytown Road project shall remain in effect except as revised by the following changes, which shall take precedence over anything to the contrary in the plans and specifications.

- *The Bid date and time remains the same as Tuesday, August 27th at 2:00pm.*

Bid Addendum #1 - Questions and Clarifications:

1. Question, if the project begins this fall, how will the MoDot winter shutdown on November 15th be handled?
 - a. Answer, the winter shutdown just stops counting the days, the contractor can work as long as weather permits.
2. Instead of giving Notice to Proceed this fall, as eluded to in the above question #1, the City/MoDot **will issue a delayed Notice to Proceed**. The following language will be part of this contract:
 - a. Period of Performance (page 8): If the bid is accepted, the bidder agrees that work shall be diligently prosecuted at such rate and in such manner as, in the judgment of the engineer, is necessary for the completion of the work within the time specified as follows in accordance with Section 108: 180 Working Days
 - b. Note: The City of Raytown intends to proceed with a bid opening in August 2019; Notice to Proceed will be issued in the Spring of 2020. If the weather allows, the contractor may commence work prior to that with by permission from City and MoDot.
3. Questions were asked at the Pre-Bid meeting about the Job Special Provisions requiring night-time work. The paragraphs in question were: Job Special Provisions, 2.0 Traffic Management Schedule, 2.5 Traffic Congestion, and 3.0 Work Hour Restrictions, sections 3.3 and 3.4.
 - a. After speaking with MoDot, for the safety of the traveling public, these sections will remain as is.
4. Bid Form, Line Items 94 and 95 will be changed from a percentage unit to Lump Sum units. The quantity for survey staking and mobilization will both be 1.
 - a. Replacement Bid Form replacement pages 13-17 are attached.
5. Clarification – The Popeye's restaurant at 7601 Raytown Road has 2 driveways that connect to Raytown Road. The removal and replacement of both of these driveways will be restricted to all work being performed within the existing right-of-way. No construction easements were obtained from this property owner.

Established in 1849 as Ray's Town
On the Santa Fe, California and Oregon Trail

6. Question, which pay item will special ramps be billed under?
 - a. Answer, the special curb ramps are under the Standard Ramp item.
7. Question, please confirm the saw cut pay item quantity is correct?
 - a. Answer, the saw cut quantity shown in the cost estimate is only for the pavement repair areas on 350 Hwy eastbound. The other saw cuts on the job are included in the Removal of Improvements lump sum item.
8. Question, does the 4" Type 5 Aggregate Base quantity account for the aggregate under the curb and medians or is the aggregate under the curb and medians subsidiary?
 - a. Answer, the 4" Type 5 Aggregate Base quantity does account for aggregate under the curb and median, except for the volume needed to fill the void between the top of the pavement aggregate layer and the bottom of the curb. Refer to the typical sections to see it graphically.
9. The Pre-Bid meeting attendance sign in sheet:



Pre-Bid Meeting

MO 350 Hwy & Raytown Rd Intersection Improvements


STP 3343(408)

2:00pm, Thursday, August 15, 2019

<u>Name</u>	<u>Company</u>	<u>Phone #</u>	<u>Email</u>
Damon Hodges, Public Works Director	City of Raytown, Public Works	816-737-6012	damonh@raytown.mo.us
Jason Hanson, City Engineer	City of Raytown, Public Works	cell (816) 365-8658 off.816-737-6067	jasonh@raytown.mo.us
David Haldiman, Public Works Inspector	City of Raytown, Public Works	cell (816) 803-1003 off.816-737-6071	davidh@raytown.mo.us
Tony Mesa, Public Works Superintendent	City of Raytown, Public Works	cell (816) 365-0515 off.816-737-6046	tonym@raytown.mo.us
<u>KEN ASHMORE</u>	<u>AMINO BROTHERS Co., INC.</u>	<u>913-334-2330</u>	<u>ken@aminobros.com</u>
<u>James Downing</u>	<u>MEGA Industries Corporation</u>	<u>816-612-5008</u>	<u>James@megakc.com</u>
<u>DUSTIN STULL</u>	<u>J.M. FAHEY CONSTRUCTION</u>	<u>816-763-3010</u>	<u>DUSTIN.STULL@JMFAYEY.COM</u>
<u>David Haggard</u>	<u>Capital Electric</u>		<u>david.haggard@capital</u> <u>electric.com</u>
<u>Austin Hays</u>	<u>ESI Contracting</u>	<u>660-232-2917</u>	<u>ahays@esi-cc.com</u>
<u>Tom Marten</u>	<u>Gunter Construction</u>	<u>913-362-7844</u>	<u>trids@gunterkc.com</u>
<u>Ben Wells</u>	<u>CDM SMITH</u>	<u>816-412-3112</u>	<u>wellsbl@cdmsmith.com</u>

ACKNOWLEDGEMENT

Each bidder shall acknowledge receipt of this Addendum No. 1 with their signature affixed hereto, and shall attach this Addendum to the original bid proposal.


Jason Hanson
City Engineer

CERTIFICATION BY BIDDER:

PRINT NAME _____

SIGNATURE _____

COMPANY _____

DATE _____

ITEMIZED BID: The bidder should complete the following section in accordance with Sec 102.7. The bidder proposes to furnish all labor, materials, equipment, services, etc. required for the performance and completion of the work, as follows:

BID FORM

PROJECT: STP-3343 (408), MO 350 Hwy & Raytown Road Intersection Improvements

TO: CITY OF RAYTOWN, MO

The undersigned bidder hereby proposes to furnish all material, supplies, transportation, tools, and equipment, perform all necessary labor and construct, install and complete all work stipulated in, required by, and in conformity with the proposed Contract Documents (including all documents referred to therein) and any and all written addenda thereto, for and in consideration of the lump sum price as follows:

ROADWAY					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
1.	CLASS A EXCAVATION	225	CY		
2.	EMBANKMENT IN PLACE	1613	CY		
3.	COMPACTING EMBANKMENT	1926	CY		
4.	REMOVAL OF IMPROVEMENTS	1	LS		
5.	CONC. SIDEWALK 4 IN.	371.6	SY		
6.	STANDARD RAMP	19	EA		
7.	4 IN. TYPE 5 AGGREGATE BASE	3239.1	SY		
8.	6 IN. BASE ROCK	704	SY		
9.	COLDMILLING (3 IN. OR LESS)	7820	SY		
10.	12 IN. CONC. MEDIAN STRIP	113.8	SY		
11.	8 IN. CONC. MEDIAN STRIP	222.7	SY		
12.	6 IN. CONC. MEDIAN STRIP	38.7	SY		
13.	12" DOWELLED CURB	489	LF		
14.	TYPE A CURB & GUTTER	1883	LF		
15.	CG-1 CURB & GUTTER	1977	LF		
16.	CG-2 CURB & GUTTER	32	LF		
17.	1.5" SP095BSM	9319.4	SY		
18.	MODOT BITUMINOUS BASE (8") ASPHALT	1939.8	SY		
19.	RESURFACING ASPHALT (DEPTH VARIES)	35.6	CY		
20.	8" CONC. PAVEMENT, Driveway	922	SY		
21.	8" CONC. PAVEMENT, Street	677	SF		
22.	CLEAN GRAVEL BACKFILL	677	SF		
23.	FULL DEPTH VERTICAL SAWCUT	226	LF		
24.	DOWEL BAR	160	EA		
				SUBTOTAL	
DRAINAGE					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
25.	12 IN. GROUP A PIPE	189	LF		
26.	18 IN. GROUP A PIPE	91	LF		

27.	12 IN. GROUP B PIPE	167	LF		
28.	18 IN. GROUP B PIPE	301	LF		
29.	12 IN. GROUP B FES	1	EA		
30.	TYPE S-1 GRATE INLET 3 FT. X 2 FT.	4	LF		
31.	TYPE T CURB INLET 5 FT. X 3 FT.	38	LF		
32.	TYPE T CURB INLET 5 FT. X 4 FT.	10	LF		
33.	APWA TYPE 1 CURB INLET 5 FT. X 3 FT.	4	LF		
34.	APWA TYPE 1 CURB INLET 7 FT. X 3 FT.	7	LF		
35.	GRATE & BEARING PLATE 3 FT. X 2 FT.	1	EA		
36.	MANHOLE FRAME & COVER TYPE 3	12	EA		
37.	PIPE COLLAR	1	EA		
38.	CLASS 3 EXCAVATION	328	CY		
39.	INLET TOP ADJUSTMENT	5	EA		
40.	MANHOLE TOP ADJUSTMENT	2	EA		
41.	4 FT. WIDE CONC. FLUME	2	EA		
				SUBTOTAL	
TRAFFIC CONTROL					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
42.	RELOCATED SIGNS	213	SF		
43.	CONSTRUCTION SIGNS	943	SF		
44.	ADVANCED WARNING RAIL SYSTEM	4	EA		
45.	FLAG ASSEMBLY	25	EA		
46.	CHANNELIZER (TRIM LINE)	150	EA		
47.	TYPE III MOVEABLE BARRICADE	20	EA		
48.	DIRECTION INDICATOR BARRICADE, WITH LIGHT	28	EA		
49.	FLASHING ARROW PANEL	5	EA		
50.	CHANGEABLE MESSAGE SIGN, CONTRACTOR FURNISHED/RETAINED	4	EA		
51.	PAVEMENT EDGE TREATMENT	2860	LF		
				SUBTOTAL	
EROSION CONTROL					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
52.	SILT FENCE	1451	LF		
53.	DITCH CHECK	7	EA		
54.	INLET CHECK	1	EA		
				SUBTOTAL	
SIGNING					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
55.	U-CHANNEL POST	120	LF		
56.	2.5 IN. PSST POST - 12 GA.	30	LF		
57.	CONC. FOOTINGS BOLT DOWN	13.7	CY		

58.	R1-1, 36 IN. X 36 IN.	2	EA		
59.	R1-2, 36 IN. X 36 IN. X 36 IN.	2	EA		
60.	W11-2, 36 IN. X 36 IN.	3	EA		
61.	W14-1, 36 IN. X 36 IN.	1	EA		
62.	54' BUTTERFLY SIGN TRUSS	1	EA		
63.	15' SIGN TRUSS	1	EA		
64.	BREAKAWAY ASSEMBLY	4	EA		
65.	OVERHEAD SIGNS (STR2L-3)	341	SF		
				SUBTOTAL	
PAVEMENT MARKING					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
66.	6 IN. SOLID WHITE ACRYLIC WATERBORNE PAVEMENT MARKING PAINT	5153	LF		
67.	6 IN. SOLID YELLOW ACRYLIC WATERBORNE PAVEMENT MARKING PAINT	3026	LF		
68.	6 IN. DASHED WHITE ACRYLIC WATERBORNE PAVEMENT MARKING PAINT	1331	LF		
69.	6 IN. DASHED YELLOW ACRYLIC WATERBORNE PAVEMENT MARKING PAINT	440	LF		
70.	12 IN. DASHED WHITE ACRYLIC WATERBORNE PAVEMENT MARKING PAINT	415	LF		
71.	24 IN. SOLID WHITE ACRYLIC WATERBORNE PAVEMENT MARKING PAINT	399	LF		
72.	TYPE 2 PREFORMED MARKING TAPE (GROOVED) LEFT ARROW	18	EA		
73.	TYPE 2 PREFORMED MARKING TAPE (GROOVED) RIGHT ARROW	4	EA		
74.	TYPE 2 PREFORMED MARKING TAPE (GROOVED) STRAIGHT ARROW	16	EA		
75.	TYPE 2 PREFORMED MARKING TAPE (GROOVED) STRAIGHT-LEFT ARROW	1	EA		
76.	TYPE 2 PREFORMED MARKING TAPE (GROOVED) STRAIGHT-RIGHT ARROW	2	EA		
77.	TYPE 2 PREFORMED MARKING TAPE (GROOVED) WORD (ONLY)	6	EA		
78.	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 30 IN WHITE MIDBLOCK	5	EA		
				SUBTOTAL	
SIGNALS					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
79.	CONCRETE BASE	2.6	CY		
80.	PULL BOX, PREFORMED CLASS 2	8	EA		
81.	PULL BOX, PREFORMED CLASS 5	1	EA		
82.	PULL BOX REMOVAL	6	EA		
83.	2' SPLIT-DUCT CONDUIT SPLICES	6	EA		
84.	RELOCATION OF PEDESTRIAN POLE & PULL BOX	1	LS		
85.	TOP MOUNT POST, 8 FT.	4	EA		
86.	TOP MOUNT POST, 15 FT.	2	EA		

87.	TOTAL AREA EACH SIGN	141	SF		
88.	1 IN. LOOP DETECTORS	44	LF		
89.	2 IN. CONDUIT, TRENCHED	20	LF		
90.	4 IN. RIGID GALVANIZED CONDUIT, TRENCHED	15	LF		
91.	2 IN. CONDUIT, PUSHED	661	LF		
92.	2C #16 CABLE	1605	LF		
93.	5C #16 CABLE	405	LF		
				SUBTOTAL	
MISCELLANEOUS					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
94.	SURVEY STAKING	1	LS		
95.	MOBILIZATION	1	LS		
				SUBTOTAL	
BASE BID TOTAL (no alternates)					
				BASE BID TOTAL	

ALTERNATE 1					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
96. A	CLASS A EXCAVATION	100	CY		
97. A	EMBANKMENT IN PLACE	1082	CY		
98. A	COMPACTING EMBANKMENT	1005	CY		
99. A	4 IN. ASPHALT TRAIL	1392	SY		
100. A	4 IN. TYPE 5 AGGREGATE BASE	1392	SY		
101. A	BOLLARD	10	EA		
102. A	STANDARD RAMP	11	EA		
103. A	U-CHANNEL POST	300	LF		
104. A	R1-1, 18 IN. X 18 IN.	10	EA		
105. A	R9, 12 IN. X 18 IN.	10	EA		
106. A	W11-15, 30 IN. X 30 IN.	10	EA		
107. A	W11-15P, 18 IN. X 24 IN.	10	EA		
108. A	TYPE 2 PREFORMED MARKING TAPE (GROOVED) 16 IN. WHITE YIELD LINE TRIANGLES	96	EA		
109. A	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 30 IN WHITE MIDBLOCK	35	EA		
				SUBTOTAL	
ALTERNATE 2					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
110. A	CLASS A EXCAVATION	527	CY		
111. A	EMBANKMENT IN PLACE	117	CY		
112. A	COMPACTING EMBANKMENT	548	CY		
113. A	7 FT. X 7 FT. JUNCTION BOX	1	EA		
114. A	18 IN. GROUP B PIPE	39	LF		

115. A	42 IN. GROUP B PIPE	16	LF		
116. A	48 IN. GROUP B PIPE	20	LF		
117. A	48 IN. GROUP B FES	1	EA		
118. A	MANHOLE FRAME & COVER TYPE 3	1	EA		
119. A	PIPE COLLAR	2	EA		
120. A	CLASS 3 EXCAVATION	22	CY		
121. A	FURNISHING TYPE 3 ROCK BLANKET	28	CY		
122. A	PLACING TYPE 3 ROCK BLANKET	28	CY		
123. A	SEPARATION GEOTEXTILE	46	SY		
124. A	BEDDING MATERIAL FOR ROCK DITCH LINER	10	CY		
125. A	DITCH CHECK	6	EA		
126. A	CLEARING AND GRUBBING	1	LS		
				SUBTOTAL	
ALTERNATE 3					
<u>Item No</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
127. A	CLASS A EXCAVATION	2	CY		
128. A	EMBANKMENT IN PLACE	97	CY		
129. A	COMPACTING EMBANKMENT	99	CY		
130. A	CONC. SIDEWALK 4 IN.	113.4	SY		
131. A	STANDARD RAMP	5	EA		
132. A	TYPE A CURB & GUTTER	284	LF		
133. A	CG-1 CURB & GUTTER	98	LF		
134. A	MODOT BITUMINOUS BASE (10") ASPHALT	3	SY		
135. A	MODOT BP-1 (2") ASPHALT	3	SY		
136. A	8" CONC. PAVEMENT	259.1	SY		
137. A	6 IN. TYPE 5 AGGREGATE BASE	315	SY		
138. A	6 IN. BASE ROCK	68	SY		
139. A	6 IN. SOLID YELLOW ACRYLIC WATERBORNE PAVEMENT MARKING PAINT	332	LF		
				SUBTOTAL	
GRAND TOTAL WITH ALTERNATES					
				GRAND TOTAL	

BASE BID TOTAL: _____

BASE BID TOTAL IN WORDS: _____

Contractor Name: _____ Date: _____

The Contract will be awarded to the lowest, responsible, and responsive bidder.