



City of MARYLAND HEIGHTS

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DATE January 28, 2016

ADDENDUM NO. 1

Notice to All Persons and Firms proposing to Submit a Bid or Furnish Materials for City of Maryland Heights **Adie Road Phase 3 Reconstruction Bid No. 2016-01 (Federal Project No. STP5401 (682))**

The City of Maryland Heights is making the following and/or clarification to the specifications for this project.

1. Can polypropylene pipe be considered as an equal alternative to the specified reinforced concrete pipe?

Polypropylene pipe as approved by The Metropolitan St. Louis Sewer District can be considered as an alternative to the specified reinforced concrete pipe. The polypropylene piping will not be allowed under the railroad crossings for this project. The storm-water piping under the railroad will require a concrete pipe to meet the railroad requirements.

2. Which manufacturer to utilize for the Hydro Dynamic Separator?

The Hydro Dynamic Separator must meet both the flow rates and required size to fit the area as shown on the plans. Likewise, the separator must meet the approval and requirements of the Metropolitan St. Louis Sewer District

3. The itemized bid form No. 1 has been revised to reflect the following changes.

Bid Item No. 203-10.30 description will be revised to read Metropolitan St. Louis Sewer District Required Permits (37 total) along with the associated cost for this project.

Bid Item No. 999-99.01, Water Service, Fire, 11724 Adie Road, has been added.

Bid Item No. 999-99.02, Water Service, Domestic, 11724 Adie Road, has been added.

Bid Item No. 999-99.03, Water Service, Fire, 2384 Centerline Industrial Drive, has been added.

Bid Item No. 904-60.00 2" Plastic Conduit quantity has been changed from 1,637 LF to 1,442 LF.

Bid Item No. 904-60.01 2 1/2" Plastic Conduit quantity has been changed from 257 LF to 452 LF.

A corrected Plan Sheet No. 50 will be made available to the successful contractor at the pre-construction meeting.

4. The following bid items are being added to the project and bid form.

Water Service, Fire, 11724 Adie Road

This pay item is for the connection of the existing 8-inch fire line at 11740 Adie Road to the new water main. The bid price is to include the tap, any pipe required, and all fittings and valves required to complete the work. The approximate location of the new water main is under the sidewalk on the south side of Adie Road.

Water Service, Domestic, 11724 Adie Road

This pay item is for the connection of the 5/8-inch domestic water line to the new water main. The bid price is to include the tap, any pipe required, all fittings and valves required to complete the work. The relocation of the water meter is not included in this pay item.

Water Service, Fire, 2382 Centerline Industrial Drive

This pay item is for the connection of the existing 8-inch fire line to the new water main. The approximate location of the new water main is under the sidewalk on the south side of Adie Road. The bid price is to include the tap, all pipe, valves and fittings required to complete the work.

5. What is the wire size for the transformer at 2388 Chaffee Drive?

The wire size is to be determined by the contractor based on experience, codes, investigations and Ameren requirements.

6. The time as shown for the Bid opening is 10:00am CDT.

The correct time should be 10:00am CST.

7. Itemized Bid Form

The revised bid form is attached and is available on Bid Express.

City of Maryland Heights



L.G. Loos, P.E.
Engineering Manager

ADDENDUM NO. 1**ITEMIZED BID LISTING**

Adie Road, Phase 3 Reconstruction

Pay Item #	Description	Unit	Total Quantity	Extension	Cost
ROADWAY ITEMS					
201-20.10	Clearing and Grubbing	L.S.	1		
202-20.10	Removal of Improvements	L.S.	1		
202-22.30	Removal of Rigid Pavement	S.Y.	7612		
202-22.95	Sawcut (Any Depth/Material)	L.F.	1978		
203-10.30	Metropolitan St. Louis Sewer District Required Permits (37 total)	L.S.	1	\$11,247.50	\$11,247.50
203-50.00	Unclassified Excavation	C.Y.	2322		
203-60.00	Compacting Embankment	C.Y.	477		
203-99.01	Rip and Till Subgrade	C.Y.	132		
304-05.04	Type 5 Aggregate Base (4" Thick)	S.Y.	11025.0		
310-30.05	Clean Crushed Stone (12" Thick)	S.Y.	1146.3		
404-30.20	Type "D" Asphaltic Concrete	Ton	158.8		
405-30.30	Type "X" Bituminous Concrete (Base)	Ton	760		
407-10.27	Tack-Liquid Asphalt (MC-30)	Gal	140		
408-10.15	Prime-Liquid Asphalt (RC-70)	Gal	470.0		
502-11.07	Concrete Pavement (7" Non-Reinforced)	S.Y.	69.4		
502-11.10	Concrete Pavement (10" Non-Reinforced)	S.Y.	8334		
603-10.20	Relocating Water Service Valve and Box	Each	2		
603-10.25	Relocating Water Service Meter and Box	Each	2		
603-10.35	Adjust Water Service Valve Box to Grade	Each	12		
603-10.40	Adjust Water Service Meter Box to Grade	Each	5		
603-99.01	Adjust Cleanout to Grade	Each	1		
604-12.01	Single Curb Inlet, Untrapped	Each	14		
604-12.02	Double Curb Inlet, Untrapped	Each	6		
604-13.40	Observation Well	Each	17		
604-14.03	Area Inlet, Single, Open 3 Sides, Untrapped	Each	2		
604-17.00	Cleanout	Each	9		
604-19.22	2-Grate Inlet, with Side Intake Unit, Untrapped	Each	2		
604-20.30	Adjusting Manhole to Grade	Each	1		
604-20.50	Adjusting Manhole to Grade, Lock Type Cover	Each	3		
604-23.08	Hydro Dynamic Separator	Each	2		
604-26.50	Convert Curb Inlet to Area Inlet	Each	1		
604-40.11	Pipe Collar, Type "A" (Concrete)	Each	1		
605-20.10	Class B Perforated Underdrain (6-inch PVC)	L.F.	358		
605-40.01	Natural Sand	C.Y.	67		
605-99.01	3/8" Pea Gravel (ASTM-33 No.8)	C.Y.	67		
605-99.02	3/4" Gravel (ASTM C-33 No. 6 or 67)	C.Y.	34		
607-01.48	Chain Link Fence (48")	L.F.	131		
608-15.20	Concrete Island (Monolithic)	S.Y.	13		
608-50.07	Paved Approach (7")	S.Y.	753.4		
609-10.10	Concrete Curb, Type "S"	L.F.	296.0		
609-20.11	Integral Curb (6" Height and Under)	L.F.	2796.0		
609-20.90	Remove and Replace Integral Curb	L.F.	22.0		
609-30.10	Asphalt Curb	L.F.	770		
611-20.95	Grout For Abandoned Sewers	C.Y.	12.1		
611-30.20	Furnishing Type 2 Rock Blanket	Tons	1250		
611-30.40	Placing Type 2 Rock Blanket	Tons	1250		
611-30.90	Furnishing & Placing MSD Type 5 Rock Blanket	S.Y.	24		
612-10.20	Type III Moveable Barricade	Each	18		
612-70.10	Portable Changeable Message Sign, Non-Returnable	Each	2		
616-10.05	Construction Signs	S.F.	741		
616-10.28	Channelizers	Each	97.0		
616-10.95	Edge Drop-Off Treatment	L.F.	3900		
619-00.00	Mobilization	L.S.	1		
726-23.12	12" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	888		
726-23.15	15" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	226		
726-23.18	18" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	328		
726-24.18	18" Class IV Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	43		
726-25.15	15" Class V Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	55		
726-54.04	4" Polyvinyl Chloride Pipe (Solid Wall)	L.F.	704		
726-99.01	4" Polyvinyl Chloride Pipe (Perforated)	L.F.	1849		
731-00.48	Precast Concrete Manhole, 48"	Each	1		
731-00.60	Precast Concrete Manhole, 60"	Each	5		
802-60.90	Shredded Hardwood Bark Mulch	C.Y.	30		
806-16.00	Bioretention Media	C.Y.	331		
806-45.10	Inlet Protection Device, Single Unit - Gravel Filter Bag	Each	21		
806-45.11	Inlet Protection Device, Double Unit - Gravel Filter Bag	Each	6		
806-45.12	Inlet Protection Device, Single Unit - Fabric Drop	Each	3		
806-45.15	Inlet Protection Device, Grated Unit - Filter Sock/Roll	Each	2		
806-45.16	Gutter Protection Device, Filter Sock/Gravel Filter Bag	Each	8		
806-70.00	Silt Fence	L.F.	4314		
999-99.01	Water Service, Fire, 11724 Adie Road	L.S.	1		
999-99.02	Water Service, Domestic, 11724 Adie Road	L.S.	1		

Pay Item #	Description	Unit	Total Quantity	Extension	Cost
999-99.03	Water Service, Fire, 2384 Centerline Industrial Drive	L.S.	1		
				Subtotal:	

Pay Item #	Description	Unit	Total Quantity	Extension	Cost
BICYCLE / PEDESTRIAN FACILITY ITEMS					
604-19.92	Sidewalk Bridge & Flume	L.S.	1		
608-60.04	Concrete Sidewalk (4" Thick)	S.Y.	211		
608-60.07	Concrete Sidewalk, Curb Ramp (7" Thick)	S.Y.	337		
608-60.98	Truncated Domes for Curb Ramps (New Construction)	S.F.	260		
608-99.01	Pervious Concrete Sidewalk (6" Thick)	S.Y.	1146		
				Subtotal:	
SIGNAGE / STRIPING / SIGNAL / LIGHTING ITEMS					
620-60.00B	4 In. White Acrylic Waterborne Pavement Marking Paint	L.F.	313		
620-60.01B	4 In. Yellow Acrylic Waterborne Pavement Marking Paint	L.F.	3298		
620-61.12	Acrylic Waterborne Pavement Marking Paint, 12 In., White	L.F.	693		
620-61.24	Acrylic Waterborne Pavement Marking Paint, 24 In., White	L.F.	295		
620-99.01	Left Arrow Acrylic Waterborne Pavement Marking	Each	16		
620-99.02	Combination Right/Straight Acrylic Waterborne Pavement Marking	Each	2		
620-99.03	2' X 8' Midblock Acrylic Waterborne Pavement Marking	Each	20		
620-99.04	Grade Crossing Acrylic Waterborne Pavement Marking	Each	8		
621-10.00	Temporary Pavement Striping, Paint (Includes Removal if Necessary)	L.F.	7073		
622-10.00	Temporary Pavement Markings, Paint (Includes Removal if Necessary)	S.F.	93		
904-58.00	Installation of Pullboxes (Supplied by Ameren)	Each	2		
904-58.01	Installation of Pedestals (Supplied by Ameren)	Each	1		
904-58.02	Installation of Transformer Pad (Supplied by Ameren)	Each	1		
904-60.00	2-inch Plastic Conduit	L.F.	1442		
904-60.01	2-1/2 inch Plastic Conduit	L.F.	452		
904-66.00	Secondary Voltage Service Conductors for 3-Phase Service (Field Verify Size)	L.F.	95		
904-70.00	Conduit for Secondary Voltage Service Conductors (Field Verify Size)	L.F.	95		
904-80.00	4-inch PVC Conduit	L.F.	72		
904-95.40	Adjustment of Concrete Pull Box	Each	1		
999-00.00	Bollards, 4-inch Nominal Iron Pipe, Concrete Filled	Each	8		
				Subtotal:	
BRIDGE ITEMS					
202-10.20	Removal of Bridges	L.S.	1		
206-33.00	Class 4 Excavation	C.Y.	2617		
206-40.00	Porous Backfill	C.Y.	177		
206-45.05	Selected Granular Backfill	C.Y.	1551		
604-13.20	Junction Chamber	Each	1		
607-30.00	Handrail (Galvanized Steel - Structure)	L.F.	179		
607-30.20	Aluminum Handrail	L.F.	102		
703-20.01	Class "B" Concrete (Culverts)	C.Y.	361.0		
703-20.09	Class "B" Concrete (Retaining Walls)	C.Y.	23.4		
703-90.15	Modular Block Wall (h<4')	S.F.	547		
706-10.00	Reinforcing Steel (Grade 60)	Lb.	42310		
733-99.03	Pre-Engineered Precast Concrete Arch Culvert	L.S.	1		
				Subtotal:	
ROADSIDE / LANDSCAPING ITEMS					
803-10.00	Sodding	S.Y.	3730		
808-90.09	Taxodium distichum (Bald Cypress)	Each	2		
808-90.21	Crataegus viridis (Green Hawthorne)	Each	5		
808-90.52	Aesculus pavia (Red Buckeye)	Each	2		
840-90.39	Schizachyrium Scoparium (Little Bluestem)	Each	460		
840-90.47	Asimina triloba (Paw Paw)	Each	15		
840-90.48	Hamamelus virginiana (Common Witch-Hazel)	Each	9		
840-90.51	Spartina pectinata (Prairie Cordgrass)	Each	192		
840-90.52	Aster novae-angliae (New England Aster)	Each	66		
840-99.01	Cephalanthus occidentalis (Buttonbush)	Each	5		
840-99.02	Sporobolus heterolepis (Prairie Dropseed)	Each	460		
840-99.03	Symphyotrichum oblongifolium (Aromatic Aster)	Each	204		
840-99.04	Asclepias tuberosa (Butterfly Milkweed)	Each	204		
840-99.05	Coreopsis palmata (Finger Coreopsis)	Each	204		
840-99.06	Carex annectans (Yellow Fruited Sedge)	Each	357		
840-99.07	Carex muskingumensis (Palm Sedge)	Each	357		
840-99.08	Carex grayii (Bur Sedge)	Each	307		
840-99.09	Iris fulva (Copper Iris)	Each	87		
840-99.10	Liatris spicata (Dense Blazingstar)	Each	87		
840-99.11	Lobelia siphilitica (Blue Lobelia)	Each	87		
840-99.12	Rudbeckia fulgida (Orange Coneflower)	Each	87		
840-99.13	Solidago flexicaulis (Zig-Zag Goldenrod)	Each	87		
840-99.14	Spigelia maryandica (Indian Pink)	Each	87		
				Subtotal:	
CONSTRUCTION TOTAL					