

CLAYTON COUNTY WATER AUTHORITY

Request for Bid

ANNUAL CONTRACT FOR CURED-IN-PLACE PIPE REHABILITATION

Bid Opening: Tuesday, April 5, 2016 at 2:00 p.m. (local time)
1600 Battle Creek Road, Morrow, Georgia 30260

**Non-Mandatory
Pre-Bid Meeting:** Thursday, March 17, 2016 at 2:00 p.m. (local time)
1600 Battle Creek Road, Morrow, Georgia 30260

A D D E N D U M # 1

Dated: February 26, 2016

<p><i>Acknowledgment of receipt of this addendum MUST BE SIGNED AND INCLUDED IN YOUR RESPONSE TO THE RFB.</i></p>
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REVISIONS:

1. Replace Bid Form pages 2-4.1 through 2-4.20 of the Request for Bid documents with the Revised Bid Form provided with this Addendum on pages 2-4.1R through 2-4.20R. Revision was made to lines 1, 286, 503, 504, and 505. Please note the Bid Form has been provided on a fillable pdf form.
2. Replace last paragraph on page 2-8.3 of the Request for Bid documents with the following paragraph:

*By signing the bid, the bidder is certifying that he/she has complied with the requirements of this program. Please contact Contracts, Compliance and Risk Management at ccwa_slbe_program@ccwa.us for a list of certified SLBE's. The list is also available through www.ccwa.us, under the tab for "**Procurement**", section for "Small Local Business Program".*

SIGNATURE

COMPANY NAME

DATE

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Bid Requirements

Section 4: Bid Form - Revised

Bid of _____
(Hereinafter "Bidder"), organized and existing under the laws of the State of _____,

doing business as _____ (insert "a corporation," "a partnership," or "an individual" or such other business entity designation as is applicable).

To the Clayton County Water Authority (hereinafter "Owner").

In compliance with the Request for Bids, Bidder hereby proposes to perform all Work for **Annual Contract for Cured-In-Place Pipe Rehabilitation** in strict accordance with the Contract Documents as enumerated in the Request for Bids, within the time set forth therein, and at the prices stated below.

By submission of this bid, Bidder certifies, and in the case of joint bid each party thereto certifies as to the party's own organization that this bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this bid with any other Bidder or with any competitor. Bidder also certifies compliance with the Instructions to Bidders.

In submitting this bid, Bidder certifies Bidder is qualified to do business in the state of Georgia as required by laws, rules, and regulations or, if allowed by statute, covenants to obtain such qualification prior to contract award.

CONTRACT EXECUTION:

The undersigned Bidder agrees, if this bid is accepted, to enter into an Agreement with OWNER on the form included in the Documents to perform and furnish Work as specified or indicated in the Documents for the Contract Price derived from the bid and within the times indicated herein and in accordance with the other terms and conditions of the Documents.

Bidder accepts the terms and conditions of the Documents.

INSURANCE:

Bidder further agrees that bid amount(s) stated herein includes specific consideration for the specified insurance coverages.

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BID:

The undersigned proposes to complete, in all respects, sound, complete and conformable with this Contract Document the following work for the following amounts.

CCWA guarantees no minimum or maximum quantities, and additionally reserves the right to purchase more or less at the unit price, based on actual need.

ADDENDA:

Bidder acknowledges receipt of the following Addenda:

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No.	Work Item	Detail	Unit	Unit Cost
1	Mobilization	N/A	2%	N/A
2	Emergency Mobilization	N/A	EA	
3	Performance and Payment Bonds	N/A	EA	
4	PE Stamped Design Calculations	N/A	EA	
5	Traffic Control County Road	Single Lane Closure	DY	
6		Road Closure	DY	
7	Traffic Control State Road	Single Lane Closure	DY	
8		Road Closure	DY	
9	Pumping 4-inch Pump	Single Pump System Up to 8 Hours	EA	
10		Redundant Pump System Up to 8 Hours	EA	
11		Single Pump System Greater than 8 to 24 Hours	EA	
12		Redundant Pump System Greater than 8 to 24 Hours	EA	
13	Pumping 6-inch Pump	Single Pump System Up to 8 Hours	EA	
14		Redundant Pump System Up to 8 Hours	EA	
15		Single Pump System Greater than 8 to 24 Hours	EA	
16		Redundant Pump System Greater than 8 to 24 Hours	EA	
17	Pumping 8-inch Pump	Single Pump System Up to 8 Hours	EA	
18		Redundant Pump System Up to 8 Hours	EA	
19		Single Pump System Greater than 8 to 24 Hours	EA	
20		Redundant Pump System Greater than 8 to 24 Hours	EA	
21	Pumping 10-inch Pump	Single Pump System Up to 8 Hours	EA	
22		Redundant Pump System Up to 8 Hours	EA	
23		Single Pump System Greater than 8 to 24 Hours	EA	
24		Redundant Pump System Greater than 8 to 24 Hours	EA	
25	Pumping 12-inch Pump	Single Pump System Up to 8 Hours	EA	
26		Redundant Pump System Up to 8 Hours	EA	
27		Single Pump System Greater than 8 to 24 Hours	EA	
28		Redundant Pump System Greater than 8 to 24 Hours	EA	
29	CCTV (Sanitary Sewer Pipe)	With PACP Assessment	LF	
30		Without PACP Assessment	LF	
31	CCTV (Stormwater Pipe)	With PACP Assessment	LF	
32		Without PACP Assessment	LF	
33	CCTV (Standby)	N/A	HR	
34	Heavy Cleaning (Sanitary Sewer Pipe) Up to 12-in Diameter	N/A	LF	
35	Heavy Cleaning (Sanitary Sewer Pipe) Larger than 12-in to 18-in Diameter	N/A	LF	

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No.	Work Item	Detail	Unit	Unit Cost
36	Heavy Cleaning (Sanitary Sewer Pipe) Larger than 18-in to 24-in Diameter	N/A	LF	
37	Heavy Cleaning (Sanitary Sewer Pipe) Larger than 24-in to 36-in Diameter	N/A	LF	
38	Heavy Cleaning (Sanitary Sewer Pipe) Larger than 36-in to 48-in Diameter	N/A	LF	
39	Heavy Cleaning (Sanitary Sewer Pipe) Larger than 48-in to 60-in Diameter	N/A	LF	
40	Cleaning (Stormwater Pipe) Up to 12-in Diameter	Up to 25% of Diameter	LF	
41		More than 25% to 50% of Diameter	LF	
42		More than 50% of Diameter	LF	
43	Cleaning (Stormwater Pipe) Larger than 12-in to 18-in Diameter	Up to 25% of Diameter	LF	
44		More than 25% to 50% of Diameter	LF	
45		More than 50% of Diameter	LF	
46	Cleaning (Stormwater Pipe) Larger than 18-in to 24-in Diameter	Up to 25% of Diameter	LF	
47		More than 25% to 50% of Diameter	LF	
48		More than 50% of Diameter	LF	
49	Cleaning (Stormwater Pipe) Larger than 24-in to 36-in Diameter	Up to 25% of Diameter	LF	
50		More than 25% to 50% of Diameter	LF	
51		More than 50% of Diameter	LF	
52	Cleaning (Stormwater Pipe) Larger than 36-in to 48-in Diameter	Up to 25% of Diameter	LF	
53		More than 25% to 50% of Diameter	LF	
54		More than 50% of Diameter	LF	
55	Cleaning (Stormwater Pipe) Larger than 48-in Diameter	N/A	HR	
56	Cleaning Structure	Up to 10 Foot Depth to Invert	CF	
57		Greater than 10 Foot Depth to Invert	CF	
58	Pre-Liner Up to 12-in Diameter	N/A	LF	
59	Pre-Liner Greater than 12-in to 18-in Diameter	N/A	LF	
60	Pre-Liner Greater than 18-in to 24-in Diameter	N/A	LF	
61	Pre-Liner Greater than 24-in to 36-in Diameter	N/A	LF	
62	Pre-Liner Greater than 36-in to 48-in Diameter	N/A	LF	
63	Pre-Liner Greater than 48-in to 60-in Diameter	N/A	LF	
64	Pre-Liner 66-in Diameter	N/A	LF	
65	Pre-Liner 72-in Diameter	N/A	LF	
66	Pre-Liner 78-in Diameter	N/A	LF	
67	Pre-Liner 84-in Diameter	N/A	LF	

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No.	Work Item	Detail	Unit	Unit Cost
68	Pre-Liner 90-in Diameter	N/A	LF	
69	Pre-Liner 96-in Diameter	N/A	LF	
70	Pre-Liner 102-in Diameter	N/A	LF	
71	Pre-Liner 108-in Diameter	N/A	LF	
72	Reinstatement of Existing Services	N/A	EA	
73	CIPP Service Lateral 4-in Diameter	connection at main and first 6 LF	EA	
74		in addition to the first 6 LF	LF	
75	CIPP Service Lateral 6-in Diameter	connection at main and first 6 LF	EA	
76		in addition to the first 6 LF	LF	
77	CIPP 8-in Diameter	6.0 mm base thickness	LF	
78		Cost change for each 1.5mm from base thickness	LF	
79	CIPP 10-in Diameter	6.0 mm base thickness	LF	
80		Cost change for each 1.5mm from base thickness	LF	
81	CIPP 12-in Diameter	7.5 mm base thickness	LF	
82		Cost change for each 1.5mm from base thickness	LF	
83	CIPP 15-in Diameter	9.0 mm base thickness	LF	
84		Cost change for each 1.5mm from base thickness	LF	
85	CIPP 16-in Diameter	9.0 mm base thickness	LF	
86		Cost change for each 1.5mm from base thickness	LF	
87	CIPP 18-in Diameter	9.0 mm base thickness	LF	
88		Cost change for each 1.5mm from base thickness	LF	
89	CIPP 21-in Diameter	10.5 mm base thickness	LF	
90		Cost change for each 1.5mm from base thickness	LF	
91	CIPP 24-in Diameter	12.0 mm base thickness	LF	
92		Cost change for each 1.5mm from base thickness	LF	
93	CIPP 27-in Diameter	12.0 mm base thickness	LF	
94		Cost change for each 1.5mm from base thickness	LF	

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No.	Work Item	Detail	Unit	Unit Cost
95	CIPP 30-in Diameter	15.0 mm base thickness	LF	
96		Cost change for each 1.5mm from base thickness	LF	
97	CIPP 36-in Diameter	15.0 mm base thickness	LF	
98		Cost change for each 1.5mm from base thickness	LF	
99	CIPP 42-in Diameter	18.0 mm base thickness	LF	
100		Cost change for each 1.5mm from base thickness	LF	
101	CIPP 48-in Diameter	21.0 mm base thickness	LF	
102		Cost change for each 1.5mm from base thickness	LF	
103	CIPP 54-in Diameter	24.0 mm base thickness	LF	
104		Cost change for each 1.5mm from base thickness	LF	
105	CIPP 60-in Diameter	28.0 mm base thickness	LF	
106		Cost change for each 1.5mm from base thickness	LF	
107	CIPP 66-in Diameter	30.0 mm base thickness	LF	
108		Cost change for each 1.5mm from base thickness	LF	
109	CIPP 72-in Diameter	32.5 mm base thickness	LF	
110		Cost change for each 1.5mm from base thickness	LF	
111	CIPP 78-in Diameter	33.0 mm base thickness	LF	
112		Cost change for each 1.5mm from base thickness	LF	
113	CIPP 84-in Diameter	33.5 mm base thickness	LF	
114		Cost change for each 1.5mm from base thickness	LF	
115	CIPP 90-in Diameter	38.0 mm base thickness	LF	
116		Cost change for each 1.5mm from base thickness	LF	
117	CIPP 96-in Diameter	40.5 mm base thickness	LF	
118		Cost change for each 1.5mm from base thickness	LF	
119	CIPP 102-in Diameter	43.0 mm base thickness	LF	
120		Cost change for each 1.5mm from base thickness	LF	
121	CIPP 108-in Diameter	46.0 mm base thickness	LF	
122		Cost change for each 1.5mm from base thickness	LF	

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No.	Work Item	Detail	Unit	Unit Cost
123	Sampling and Testing	Up to 15-in diameter	EA	
124		Greater than 15-in diameter	EA	
125		Core Sampling	EA	
126	Brush Removal	N/A	SF	
127	Tree Removal	4 inch to 6 inch diameter	EA	
128		Greater than 6 inch to 12 inch diameter	EA	
129		Greater than 12 inch to 24 inch diameter	EA	
130		Greater than 24 inch to 36 inch diameter	EA	
131	Fence Work	Chain-Link / Wire Removal	LF	
132		Chain-Link / Wire Reinstall	LF	
133		Wood Removal	LF	
134		Wood Reinstall	LF	
135	General Excavation	Up to 6 feet deep	CF	
136		Greater than 6 feet to 10 feet deep	CF	
137		Greater than 10 feet to 14 feet deep	CF	
138		Greater than 14 feet to 18 feet deep	CF	
139	General Fill / Backfill	Fill Dirt	CF	
140		Sand	CF	
141		#3, #4, #34, #5, #57 and #89 Stone	CF	
142		Surge Stone	CF	
143		Type 3 Rip Rap	CF	
144	Stone Placement	4 inch thick layer	SF	
145	Crushed Stone/Graded Aggregate Base	2 inch thick layer increment	SF	
146	Stone Placement	4 inch thick layer	SF	
147	#3, #4, #34, #5, #57 and #89	2 inch thick layer increment	SF	
148	Stone Placement	6 inch thick layer	SF	
149	Surge Stone	6 inch thick layer increment	SF	
150	Stone Placement	12 inch thick layer	SF	
151	Type 3 Rip Rap	12 inch thick layer increment	SF	
152	Stone Placement Type 1 Rip Rap	Single Layer	SF	

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No.	Work Item	Detail	Unit	Unit Cost
153	Geotextile Fabric Installation	N/A	SF	
154	Sediment Barrier	Silt Fence Type NS	LF	
155		Silt Fence Type S	LF	
156		Hay Bale	LF	
157	Sediment Barrier Removal	N/A	LF	
158	Soil Stabilization	Straw Mulching	SF	
159		Seed and Straw	SF	
160		Seed and matt Blanket	SF	
161		Sod, < 500 SF	SF	
162		Sod, 500 SF and greater	SF	
163	Remove Asphalt Pavement	Up to 4 inch thick layer	SF	
164		Greater than 4 inch to 6 inch thick layer	SF	
165		Greater than 6 inch to 8 inch thick layer	SF	
166		Greater than 8 inch to 10 inch thick layer	SF	
167		Greater than 10 inch to 12 inch thick layer	SF	
168	Remove Concrete Flat Work	Up to 4 inch thick layer	SF	
169		Greater than 4 inch to 6 inch thick layer	SF	
170		Greater than 6 inch to 8 inch thick layer	SF	
171		Greater than 8 inch to 10 inch thick layer	SF	
172		Greater than 10 inch to 12 inch thick layer	SF	
173		Curb and Gutter	LF	
174	Pavement Striping	Line Stripe Up to 6 inch wide	LF	
175	Pavement Marking	Handicap Symbol	EA	
176	Pavement Pressure Washing	N/A	SF	
177	Remove Concrete Structure	Wall Construction	SF	
178		Box / Manhole Construction	CF	
179	Remove Brick Structure	Wall Construction	SF	
180		Box / Manhole Construction	CF	

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No.	Work Item	Detail	Unit	Unit Cost
181	Steel Plate Installation	Up to 40 square foot plate	DY	
182		Greater than 40 square foot to 96 square foot plate	DY	
183		Greater than 96 square foot to 160 square foot plate	DY	
184	Asphalt Patching	3 inch thick layer	SF	
185		1 inch thick layer increment	SF	
186	Asphalt Paving	3 inch thick layer	SF	
187		1 inch thick layer increment	SF	
188	Concrete Curb and Gutter	Up to 24 inch width, square back	LF	
189		Up to 24 inch width, roll back	LF	
190	Concrete Slab-On-Grade	Up to 4 inch thick layer	SF	
191		Greater than 4 inch to 6 inch thick layer	SF	
192		Greater than 6 inch to 8 inch thick layer	SF	
193		Greater than 8 inch to 10 inch thick layer	SF	
194		Greater than 10 inch to 12 inch thick layer	SF	
195		Wire Mesh	SF	
196		Steel Reinforcement - No. 4 Steel Reinforcement	SF	
197		Steel Reinforcement - No. 5 Steel Reinforcement	SF	
198	Pipe Installation - Open Cut PVC, HDPE, CM Up to 8-in Diameter	Point Repair, up to 6 feet deep	EA	
199		Point Repair, greater than 6 feet to 10 feet deep	EA	
200		Point Repair, greater than 10 feet to 14 feet deep	EA	
201		Point Repair, greater than 14 feet to 18 feet deep	EA	
202		Additional Footage, up to 6 feet deep	LF	
203		Additional Footage, greater than 6 feet to 10 feet deep	LF	
204		Additional Footage, greater than 10 feet to 14 feet deep	LF	
205		Additional Footage, greater than 14 feet to 18 feet deep	LF	
206	Pipe Installation - Open Cut PVC, HDPE, CM Greater than 8-in to 16-in Diameter	Point Repair, up to 6 feet deep	EA	
207		Point Repair, greater than 6 feet to 10 feet deep	EA	
208		Point Repair, greater than 10 feet to 14 feet deep	EA	
209		Point Repair, greater than 14 feet to 18 feet deep	EA	
210		Additional Footage, up to 6 feet deep	LF	
211		Additional Footage, greater than 6 feet to 10 feet deep	LF	
212		Additional Footage, greater than 10 feet to 14 feet deep	LF	
213		Additional Footage, greater than 14 feet to 18 feet deep	LF	

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No.	Work Item	Detail	Unit	Unit Cost
214	Pipe Installation - Open Cut PVC, HDPE, CM Greater than 16-in to 24-in Diameter	Point Repair, up to 6 feet deep	EA	
215		Point Repair, greater than 6 feet to 10 feet deep	EA	
216		Point Repair, greater than 10 feet to 14 feet deep	EA	
217		Point Repair, greater than 14 feet to 18 feet deep	EA	
218		Additional Footage, up to 6 feet deep	LF	
219		Additional Footage, greater than 6 feet to 10 feet deep	LF	
220		Additional Footage, greater than 10 feet to 14 feet deep	LF	
221		Additional Footage, greater than 14 feet to 18 feet deep	LF	
222	Pipe Installation - Open Cut PVC, HDPE, CM Greater than 24-in to 36-in Diameter	Point Repair, up to 6 feet deep	EA	
223		Point Repair, greater than 6 feet to 10 feet deep	EA	
224		Point Repair, greater than 10 feet to 14 feet deep	EA	
225		Point Repair, greater than 14 feet to 18 feet deep	EA	
226		Additional Footage, up to 6 feet deep	LF	
227		Additional Footage, greater than 6 feet to 10 feet deep	LF	
228		Additional Footage, greater than 10 feet to 14 feet deep	LF	
229		Additional Footage, greater than 14 feet to 18 feet deep	LF	
230	Pipe Installation - Open Cut PVC, HDPE, CM Greater than 36-in to 48-in Diameter	Point Repair, up to 6 feet deep	EA	
231		Point Repair, greater than 6 feet to 10 feet deep	EA	
232		Point Repair, greater than 10 feet to 14 feet deep	EA	
233		Point Repair, greater than 14 feet to 18 feet deep	EA	
234		Additional Footage, up to 6 feet deep	LF	
235		Additional Footage, greater than 6 feet to 10 feet deep	LF	
236		Additional Footage, greater than 10 feet to 14 feet deep	LF	
237		Additional Footage, greater than 14 feet to 18 feet deep	LF	
238	Pipe Installation - Open Cut PVC, HDPE, CM Greater than 48-in to 60-in Diameter	Point Repair, up to 6 feet deep	EA	
239		Point Repair, greater than 6 feet to 10 feet deep	EA	
240		Point Repair, greater than 10 feet to 14 feet deep	EA	
241		Point Repair, greater than 14 feet to 18 feet deep	EA	
242		Additional Footage, up to 6 feet deep	LF	
243		Additional Footage, greater than 6 feet to 10 feet deep	LF	
244		Additional Footage, greater than 10 feet to 14 feet deep	LF	
245		Additional Footage, greater than 14 feet to 18 feet deep	LF	

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No.	Work Item	Detail	Unit	Unit Cost
246	Pipe Installation - Open Cut CM 66-in Diameter	Point Repair, up to 6 feet deep	EA	
247		Point Repair, greater than 6 feet to 10 feet deep	EA	
248		Point Repair, greater than 10 feet to 14 feet deep	EA	
249		Point Repair, greater than 14 feet to 18 feet deep	EA	
250		Additional Footage, up to 6 feet deep	LF	
251		Additional Footage, greater than 6 feet to 10 feet deep	LF	
252		Additional Footage, greater than 10 feet to 14 feet deep	LF	
253		Additional Footage, greater than 14 feet to 18 feet deep	LF	
254	Pipe Installation - Open Cut CM 72-in Diameter	Point Repair, up to 6 feet deep	EA	
255		Point Repair, greater than 6 feet to 10 feet deep	EA	
256		Point Repair, greater than 10 feet to 14 feet deep	EA	
257		Point Repair, greater than 14 feet to 18 feet deep	EA	
258		Additional Footage, up to 6 feet deep	LF	
259		Additional Footage, greater than 6 feet to 10 feet deep	LF	
260		Additional Footage, greater than 10 feet to 14 feet deep	LF	
261		Additional Footage, greater than 14 feet to 18 feet deep	LF	
262	Pipe Installation - Open Cut CM 78-in Diameter	Point Repair, up to 6 feet deep	EA	
263		Point Repair, greater than 6 feet to 10 feet deep	EA	
264		Point Repair, greater than 10 feet to 14 feet deep	EA	
265		Point Repair, greater than 14 feet to 18 feet deep	EA	
266		Additional Footage, up to 6 feet deep	LF	
267		Additional Footage, greater than 6 feet to 10 feet deep	LF	
268		Additional Footage, greater than 10 feet to 14 feet deep	LF	
269		Additional Footage, greater than 14 feet to 18 feet deep	LF	
270	Pipe Installation - Open Cut CM 84-in Diameter	Point Repair, up to 6 feet deep	EA	
271		Point Repair, greater than 6 feet to 10 feet deep	EA	
272		Point Repair, greater than 10 feet to 14 feet deep	EA	
273		Point Repair, greater than 14 feet to 18 feet deep	EA	
274		Additional Footage, up to 6 feet deep	LF	
275		Additional Footage, greater than 6 feet to 10 feet deep	LF	
276		Additional Footage, greater than 10 feet to 14 feet deep	LF	
277		Additional Footage, greater than 14 feet to 18 feet deep	LF	

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No.	Work Item	Detail	Unit	Unit Cost
278	Pipe Installation - Open Cut CM 90-in Diameter	Point Repair, up to 6 feet deep	EA	
279		Point Repair, greater than 6 feet to 10 feet deep	EA	
280		Point Repair, greater than 10 feet to 14 feet deep	EA	
281		Point Repair, greater than 14 feet to 18 feet deep	EA	
282		Additional Footage, up to 6 feet deep	LF	
283		Additional Footage, greater than 6 feet to 10 feet deep	LF	
284		Additional Footage, greater than 10 feet to 14 feet deep	LF	
285		Additional Footage, greater than 14 feet to 18 feet deep	LF	
286	Pipe Installation - Open Cut CM 96-in Diameter	Point Repair, up to 6 feet deep	EA	
287		Point Repair, greater than 6 feet to 10 feet deep	EA	
288		Point Repair, greater than 10 feet to 14 feet deep	EA	
289		Point Repair, greater than 14 feet to 18 feet deep	EA	
290		Additional Footage, up to 6 feet deep	LF	
291		Additional Footage, greater than 6 feet to 10 feet deep	LF	
292		Additional Footage, greater than 10 feet to 14 feet deep	LF	
293		Additional Footage, greater than 14 feet to 18 feet deep	LF	
294	Pipe Installation - Open Cut CM 102-in Diameter	Point Repair, up to 6 feet deep	EA	
295		Point Repair, greater than 6 feet to 10 feet deep	EA	
296		Point Repair, greater than 10 feet to 14 feet deep	EA	
297		Point Repair, greater than 14 feet to 18 feet deep	EA	
298		Additional Footage, up to 6 feet deep	LF	
299		Additional Footage, greater than 6 feet to 10 feet deep	LF	
300		Additional Footage, greater than 10 feet to 14 feet deep	LF	
301		Additional Footage, greater than 14 feet to 18 feet deep	LF	
302	Pipe Installation - Open Cut CM 108-in Diameter	Point Repair, up to 6 feet deep	EA	
303		Point Repair, greater than 6 feet to 10 feet deep	EA	
304		Point Repair, greater than 10 feet to 14 feet deep	EA	
305		Point Repair, greater than 14 feet to 18 feet deep	EA	
306		Additional Footage, up to 6 feet deep	LF	
307		Additional Footage, greater than 6 feet to 10 feet deep	LF	
308		Additional Footage, greater than 10 feet to 14 feet deep	LF	
309		Additional Footage, greater than 14 feet to 18 feet deep	LF	

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No.	Work Item	Detail	Unit	Unit Cost
310	Pipe Installation - Open Cut DI, RC, VC Up to 8-in Diameter	Point Repair, up to 6 feet deep	EA	
311		Point Repair, greater than 6 feet to 10 feet deep	EA	
312		Point Repair, greater than 10 feet to 14 feet deep	EA	
313		Point Repair, greater than 14 feet to 18 feet deep	EA	
314		Additional Footage, up to 6 feet deep	LF	
315		Additional Footage, greater than 6 feet to 10 feet deep	LF	
316		Additional Footage, greater than 10 feet to 14 feet deep	LF	
317		Additional Footage, greater than 14 feet to 18 feet deep	LF	
318	Pipe Installation - Open Cut DI, RC, VC Greater than 8-in to 16-in Diameter	Point Repair, up to 6 feet deep	EA	
319		Point Repair, greater than 6 feet to 10 feet deep	EA	
320		Point Repair, greater than 10 feet to 14 feet deep	EA	
321		Point Repair, greater than 14 feet to 18 feet deep	EA	
322		Additional Footage, up to 6 feet deep	LF	
323		Additional Footage, greater than 6 feet to 10 feet deep	LF	
324		Additional Footage, greater than 10 feet to 14 feet deep	LF	
325		Additional Footage, greater than 14 feet to 18 feet deep	LF	
326	Pipe Installation - Open Cut DI, RC, VC Greater than 16-in to 24-in Diameter	Point Repair, up to 6 feet deep	EA	
327		Point Repair, greater than 6 feet to 10 feet deep	EA	
328		Point Repair, greater than 10 feet to 14 feet deep	EA	
329		Point Repair, greater than 14 feet to 18 feet deep	EA	
330		Additional Footage, up to 6 feet deep	LF	
331		Additional Footage, greater than 6 feet to 10 feet deep	LF	
332		Additional Footage, greater than 10 feet to 14 feet deep	LF	
333		Additional Footage, greater than 14 feet to 18 feet deep	LF	
334	Pipe Installation - Open Cut DI, RC, VC Greater than 24-in to 36-in Diameter	Point Repair, up to 6 feet deep	EA	
335		Point Repair, greater than 6 feet to 10 feet deep	EA	
336		Point Repair, greater than 10 feet to 14 feet deep	EA	
337		Point Repair, greater than 14 feet to 18 feet deep	EA	
338		Additional Footage, up to 6 feet deep	LF	
339		Additional Footage, greater than 6 feet to 10 feet deep	LF	
340		Additional Footage, greater than 10 feet to 14 feet deep	LF	
341		Additional Footage, greater than 14 feet to 18 feet deep	LF	

Division 2

Bid Requirements

Section 4: Bid Form- Revised

No.	Work Item	Detail	Unit	Unit Cost
342	Pipe Installation - Open Cut DI, RC, VC Greater than 36-in to 48-in Diameter	Point Repair, up to 6 feet deep	EA	
343		Point Repair, greater than 6 feet to 10 feet deep	EA	
344		Point Repair, greater than 10 feet to 14 feet deep	EA	
345		Point Repair, greater than 14 feet to 18 feet deep	EA	
346		Additional Footage, up to 6 feet deep	LF	
347		Additional Footage, greater than 6 feet to 10 feet deep	LF	
348		Additional Footage, greater than 10 feet to 14 feet deep	LF	
349		Additional Footage, greater than 14 feet to 18 feet deep	LF	
350	Pipe Installation - Open Cut Di, RC Greater than 48-in to 60-in Diameter	Point Repair, up to 6 feet deep	EA	
351		Point Repair, greater than 6 feet to 10 feet deep	EA	
352		Point Repair, greater than 10 feet to 14 feet deep	EA	
353		Point Repair, greater than 14 feet to 18 feet deep	EA	
354		Additional Footage, up to 6 feet deep	LF	
355		Additional Footage, greater than 6 feet to 10 feet deep	LF	
356		Additional Footage, greater than 10 feet to 14 feet deep	LF	
357		Additional Footage, greater than 14 feet to 18 feet deep	LF	
358	Pipe Installation - Open Cut RC 66-in Diameter	Point Repair, up to 6 feet deep	EA	
359		Point Repair, greater than 6 feet to 10 feet deep	EA	
360		Point Repair, greater than 10 feet to 14 feet deep	EA	
361		Point Repair, greater than 14 feet to 18 feet deep	EA	
362		Additional Footage, up to 6 feet deep	LF	
363		Additional Footage, greater than 6 feet to 10 feet deep	LF	
364		Additional Footage, greater than 10 feet to 14 feet deep	LF	
365		Additional Footage, greater than 14 feet to 18 feet deep	LF	
366	Pipe Installation - Open Cut RC 72-in Diameter	Point Repair, up to 6 feet deep	EA	
367		Point Repair, greater than 6 feet to 10 feet deep	EA	
368		Point Repair, greater than 10 feet to 14 feet deep	EA	
369		Point Repair, greater than 14 feet to 18 feet deep	EA	
370		Additional Footage, up to 6 feet deep	LF	
371		Additional Footage, greater than 6 feet to 10 feet deep	LF	
372		Additional Footage, greater than 10 feet to 14 feet deep	LF	
373		Additional Footage, greater than 14 feet to 18 feet deep	LF	

Division 2

Bid Requirements

Section 4: Bid Form - Revised

No.	Work Item	Detail	Unit	Unit Cost
374	Pipe Installation - Open Cut RC 78-in Diameter	Point Repair, up to 6 feet deep	EA	
375		Point Repair, greater than 6 feet to 10 feet deep	EA	
376		Point Repair, greater than 10 feet to 14 feet deep	EA	
377		Point Repair, greater than 14 feet to 18 feet deep	EA	
378		Additional Footage, up to 6 feet deep	LF	
379		Additional Footage, greater than 6 feet to 10 feet deep	LF	
380		Additional Footage, greater than 10 feet to 14 feet deep	LF	
381		Additional Footage, greater than 14 feet to 18 feet deep	LF	
382	Pipe Installation - Open Cut RC 84-in Diameter	Point Repair, up to 6 feet deep	EA	
383		Point Repair, greater than 6 feet to 10 feet deep	EA	
384		Point Repair, greater than 10 feet to 14 feet deep	EA	
385		Point Repair, greater than 14 feet to 18 feet deep	EA	
386		Additional Footage, up to 6 feet deep	LF	
387		Additional Footage, greater than 6 feet to 10 feet deep	LF	
388		Additional Footage, greater than 10 feet to 14 feet deep	LF	
389		Additional Footage, greater than 14 feet to 18 feet deep	LF	
390	Pipe Installation - Open Cut RC 90-in Diameter	Point Repair, up to 6 feet deep	EA	
391		Point Repair, greater than 6 feet to 10 feet deep	EA	
392		Point Repair, greater than 10 feet to 14 feet deep	EA	
393		Point Repair, greater than 14 feet to 18 feet deep	EA	
394		Additional Footage, up to 6 feet deep	LF	
395		Additional Footage, greater than 6 feet to 10 feet deep	LF	
396		Additional Footage, greater than 10 feet to 14 feet deep	LF	
397		Additional Footage, greater than 14 feet to 18 feet deep	LF	
398	Pipe Installation - Open Cut RC 96-in Diameter	Point Repair, up to 6 feet deep	EA	
399		Point Repair, greater than 6 feet to 10 feet deep	EA	
400		Point Repair, greater than 10 feet to 14 feet deep	EA	
401		Point Repair, greater than 14 feet to 18 feet deep	EA	
402		Additional Footage, up to 6 feet deep	LF	
403		Additional Footage, greater than 6 feet to 10 feet deep	LF	
404		Additional Footage, greater than 10 feet to 14 feet deep	LF	
405		Additional Footage, greater than 14 feet to 18 feet deep	LF	

Division 2

Bid Requirements

Section 4: Bid Form - Revised

No.	Work Item	Detail	Unit	Unit Cost
406	Pipe Installation - Open Cut RC 102-in Diameter	Point Repair, up to 6 feet deep	EA	
407		Point Repair, greater than 6 feet to 10 feet deep	EA	
408		Point Repair, greater than 10 feet to 14 feet deep	EA	
409		Point Repair, greater than 14 feet to 18 feet deep	EA	
410		Additional Footage, up to 6 feet deep	LF	
411		Additional Footage, greater than 6 feet to 10 feet deep	LF	
412		Additional Footage, greater than 10 feet to 14 feet deep	LF	
413		Additional Footage, greater than 14 feet to 18 feet deep	LF	
414	Pipe Installation - Open Cut RC 108-in Diameter	Point Repair, up to 6 feet deep	EA	
415		Point Repair, greater than 6 feet to 10 feet deep	EA	
416		Point Repair, greater than 10 feet to 14 feet deep	EA	
417		Point Repair, greater than 14 feet to 18 feet deep	EA	
418		Additional Footage, up to 6 feet deep	LF	
419		Additional Footage, greater than 6 feet to 10 feet deep	LF	
420		Additional Footage, greater than 10 feet to 14 feet deep	LF	
421		Additional Footage, greater than 14 feet to 18 feet deep	LF	
422	Internal Point Repair	Longitudinal	EA	
423		Protruding Pipe	EA	
424	Flared End Section Installation	For Pipe up to 16-inch	EA	
425		For Pipe greater than 16-inch to 24-inch	EA	
426		For Pipe greater than 24-inch to 36-inch	EA	
427		For Pipe greater than 36-inch to 48-inch	EA	
428	Precast Headwall Installation	For Pipe up to 16 Inch	EA	
429		For Pipe greater than 16 Inch to 24 Inch	EA	
430		For Pipe greater than 24 Inch to 36 Inch	EA	
431		For Pipe greater than 36 Inch to 48 Inch	EA	
432		For Pipe greater than 48 Inch to 60 Inch	EA	
433		For Pipe 66 Inch	EA	
434		For Pipe 72 Inch	EA	
435		For Pipe 78 Inch	EA	
436		For Pipe 84 inch	EA	
437		For Pipe 90 inch	EA	
438		For Pipe 96 inch	EA	
439		For Pipe 102 inch	EA	
440		For Pipe 108 Inch	EA	

Division 2

Bid Requirements

Section 4: Bid Form - Revised

No.	Work Item	Detail	Unit	Unit Cost
441	Precast Manhole Installation 4-Foot Diameter	Typical, Up to 6-foot Constructed Height	EA	
442		Doghouse, Up to 6-foot Constructed Height	EA	
443		Additional Height	VF	
444	Precast Manhole Installation 5-Foot Diameter	Typical, Up to 6-foot Constructed Height	EA	
445		Doghouse, Up to 6-foot Constructed Height	EA	
446		Additional Height	VF	
447	Precast Manhole Installation 6-Foot Diameter	Typical, Up to 6-foot Constructed Height	EA	
448		Doghouse, Up to 6-foot Constructed Height	EA	
449		Additional Height	VF	
450	Precast Manhole Installation 7-Foot Diameter	Typical, Up to 8-foot Constructed Height	EA	
451		Doghouse, Up to 8-foot Constructed Height	EA	
452		Additional Height	VF	
453	Precast Manhole Installation 8-Foot Diameter	Typical, Up to 10-foot Constructed Height	EA	
454		Doghouse, Up to 10-foot Constructed Height	EA	
455		Additional Height	VF	
456	Concrete Catch Basin Single Wing (GA DOT)	Top Slab	EA	
457		Spillway	EA	
458	Concrete Catch Basin Double Wing (GA DOT)	Top Slab	EA	
459		Spillway	EA	
460	Concrete Catch Basin Varying Sizes	Top Slab	SF	
461		Spillway	SF	
462	Catch Basin Spillway Throat	Up to 24 inch width	LF	
463	Concrete Structure Top / Lid	6 inch thick	SF	
464		8 inch thick	SF	
465		10 inch thick	SF	
466	Concrete Core	Up to 4-inch diameter core	EA	
467		Greater than 4-inch to 12-inch diameter core	EA	
468		Greater than 12-inch to 18-inch diameter core	EA	
469		Greater than 18-inch to 24-inch diameter core	EA	

Division 2

Bid Requirements

Section 4: Bid Form - Revised

No.	Work Item	Detail	Unit	Unit Cost
470	Brick Work Wall Construction	1 Brick Thick	SF	
471		2 Brick Thick	SF	
472		3 Brick Thick	SF	
473		4 Brick Thick	SF	
474	Ring and Cover Installation	Installation	EA	
475		Additional Height, Per Brick Layer	EA	
476	Manhole/Structure Invert Construction	Cast-in-Place Concrete	EA	
477		Brick and Mortar	EA	
478	Cementitious Invert Lining	Grout Mixed by Hand	CF	
479		Grout Mixed by Plant	CY	
480		Pump Mobilization	EA	
481	Cementitious Grouting	Grout Mixed by Hand	CF	
482		Grout Mixed by Plant	CY	
483		Pump Mobilization	EA	
484	Chemical Grouting	Grout Application	GAL	
485		Pump Mobilization	EA	
486	Hourly Labor	Superintendent	HR	
487		Foreman	HR	
488		Operator	HR	
489		Pipe Layer	HR	
490		Laborer	HR	

Division 2

Bid Requirements

Section 4: Bid Form - Revised

No.	Work Item	Detail	Unit	Unit Cost
491	Hourly Equipment	78,000 # Class Excavator	HR	
492		52,000 # Class Excavator	HR	
493		45,000 # Class Excavator	HR	
494		17,000 # Class Excavator	HR	
495		10,000 # Class Excavator	HR	
496		30,000 # Class Rubber Tired Loader	HR	
497		Rubber Tired Backhoe / Loader	HR	
498		18,000 # Class Track Dozier	HR	
499		Vibratory Soil Compactor (Ride On) Up to 66-inch compaction width	HR	
500		Vibratory Soil Compactor (Remote Controlled) Up to 48-inch compaction width	HR	
501		Utility Truck Fully Equipped with Hand Tools, Air Tools, Cutting Tools, Mudhog Pump, Generator, Air Compressor, Mechanical Tamp	HR	
502		Hydro/Vacuum Excavator (Min. 12-ft Depth Capability)	Hr	
503	Equipment Rental	N/A	10%	N/A
504	Supplied Material	N/A	10%	N/A
505	Specialty Services	N/A	10%	N/A

Company Name of Bidder: _____

Division 2

Bid Requirements

Section 4: Bid Form - Revised

To be considered responsive, bidders are required to bid on all work items listed on the Bid Form - Pay Item Schedule.

Submitted by:

COMPANY NAME OF BIDDER

By: OFFICER NAME

SIGNATURE

TITLE

(SEAL)

ATTEST

COMPANY ADDRESS

CITY, STATE, ZIP CODE

LICENSE NUMBER (If Applicable)

PHONE NUMBER:

FAX NUMBER:

EMAIL ADDRESS:

DATE:

END OF SECTION