COUNTY AGENDA REQUEST

Department:	Water System	Presenter(s):	Water System Director Lee Pope
Meeting Date:	Tuesday, October 7, 2014	Type of Request:	Consent

Wording for the Agenda:

Approval of the Water Committee's recommendation to award Bid #908- Annual Contract for Waterline Extensions for Fiscal Year 2015 to the low bidder, Shockley Plumbing, in an amount not to exceed $489,556.25, and approval to transfer funds from the Renewal & Extension Fund to the Water System's Capital Improvement Project Fund.

Background/History/Details:

The Water System must respond to needs for emergency or other non-routine repairs, extensions, or similar work on the water distribution system. To go through a bid or price quote process each time would be inefficient and it would require customers to wait for unnecessary periods of time for services. To address this issue, the County enters into a contract for as-needed services each fiscal year. Since the work tend to be relatively small jobs on as as-needed basis, many of the larger contractors do not submit bids. It has been reported that, for over ten years, only one or two vendors have bid each year.

CH2M Hill and the Purchasing Department worked together to issue invitation to Bid #908 to acquire Water Line Extension Services for Fiscal Year 2015. Notices of the opportunity were direct mailed to 31 vendors. Another 438 vendors were contacted through the web-based Georgia Procurement Registry. Additionally, invitations were extended via the Fayette News, the county's website, Georgia Local Government Access Marketplace, and Channel 23. Two vendors submitted bids on 85 items. Shockley Plumbing was the low bidder of the two.

The Water System recommends Shockley Pluming for the Fiscal Year 2015 water line extensions contract, at the not-to-exceed amount of $489,556.25. The Purchasing Department supports this recommendation.

What action are you seeking from the Board of Commissioners?

Approval of the Water Committee's recommendation to award Bid #908- Annual Contract for Waterline Extensions for Fiscal Year 2015 to the low bidder, Shockley Plumbing, in an amount not to exceed $489,556.25, and approval to transfer funds from the Renewal & Extension Fund to the Water System's Capital Improvement Project Fund.

If this item requires funding, please describe:

Funding is provided in the Water System Renewal & Extension Fund (50541100-610507.)

Has this request been considered within the past two years?	Yes	If so, when?	Annually
Is Audio-Visual Equipment Required for this Request?*	No	Backup Provided with Request?	Yes

**** All audio-visual material must be submitted to the County Clerk's Office no later than 48 hours prior to the meeting. It is also your department's responsibility to ensure all third-party audio-visual material is submitted at least 48 hours in advance.***

Approved by Finance	Yes	Reviewed by Legal	
Approved by Purchasing	Yes	County Clerk's Approval	Yes
Administrator's Approval			

Staff Notes:

Fayette County
"Where Quality Is a Lifestyle"
Purchasing Department
140 Stonewall Avenue West, Ste 204
Fayetteville, Georgia 30214
Phone: 770-305-5420
www.fayettecountyga.gov

To: Steve Rapson
From: Ted L. Burgess
Date: October 7, 2014
Subject: Water Line Extensions for Fiscal Year 2015

The Water System must respond to needs for emergency or other non-routine repairs, extensions, or similar work on the water distribution system. To go through a bid or price quote process each time would be inefficient, and would require some customers to wait for unnecessary periods of time for services. To address this issue, the county enters into a contract for as-needed services each fiscal year. Since the work tends to be relatively small jobs on an as-needed basis, many of the larger contractors do not submit bids. It has been reported that, for over ten years, one or two vendors have bid each year.

CH2M Hill, as Water System Engineer of Record, and the Purchasing Department worked together to issue Invitation to Bid #908 to acquire Water Line Extension Services for Fiscal Year 2015. Notices of the opportunity to be were direct-mailed to 31 vendors. Another 438 were contacted through the web-based Georgia Procurement Registry. In addition, invitations were extended via the Fayette News, the county website, Georgia Local Government Access Marketplace (www.glga.org), and Channel 23.

Two vendors submitted bids. Each vendor submitted bids on 85 items. Bids are compared in two ways:

- **Base Bid**: This is the sum of all items, multiplied by the estimated usage of each.
- **Weighted Bid**: Because the probability of being needed during any one year is not the same for all items, a 75% weight is given to the highest-priority items, while less-needed items are given a 25% weight. This results in bidders providing their best prices on the highest-priority items.

Bids were submitted as follows:

	Base Bid	Weighted Bid
Kemi Construction Company, Inc.	$1,442,150.00	$837,262.50
Shockley Plumbing	826,075.00	489,556.25

Shockley Plumbing was the low bidder of the two. A display is attached that shows contracted prices for Fiscal Year 2013 and 2014, as well as the bid prices for Fiscal Year 2015. Shockley Plumbing was the contractor for Fiscal Years 2013 and 2014, as well as the low bidder for Fiscal Year 2015.

The Water System recommends Shockley Plumbing for the Fiscal Year 2015 water line extensions contract, at the not-to-exceed amount of $489.556.25. I support their recommendation.

Attachment.

Water Line Extensions
Unit Price Trends

	Item	Unit	Est. Qty.	FY 2013	FY 2014	Bid #908 FY 2015	Percent Change 2013-2014	Percent Change 2013-2015
1	Mobilization - primary	Each	10	2,000.00	1,800.00	2,000.00	-10%	0%
1A	Mobilization - secondary	Each	1	3,000.00	1,000.00	2,000.00	-67%	-33%
2	20" Dia class 300 DIP, complete	L.F.	100	115.00	110.00	100.00	-4%	-13%
3	16" Dia class 300 DIP, complete	L.F.	100	90.00	90.00	85.00	0%	-6%
4	12" Dia class 300 DIP, complete	L.F.	600	40.00	38.00	38.00	-5%	-5%
5	10" Dia class 300 DIP, complete	L.F.	600	35.50	33.00	32.00	-7%	-10%
6	8" Dia class 300 DIP, complete	L.F.	5,000	27.00	26.00	26.00	-4%	-4%
7	6" Dia class 300 DIP, complete	L.F.	600	23.00	21.00	19.00	-9%	-17%
8	D.I. fittings, complete	Ton	10	6,400.00	7,000.00	7,000.00	9%	9%
9	Fire hydrant assembly	Each	10	2,500.00	3,000.00	2,900.00	20%	16%
10	30" dia steel casing & 20" dia carrier pipe w/ casing spacers							
10A	Bore and jack	L.F.	40	350.00	325.00	340.00	-7%	-3%
10B	Placed in open trench	L.F.	20	250.00	250.00	250.00	0%	0%
11	24" Dia steel casing & 16'6 dia carrier pipe w/casing spacers							
11A	Bore and jack	L.F.	40	270.00	260.00	280.00	-4%	4%
11B	Placed in open trench	L.F.	20	200.00	190.00	200.00	-5%	0%
12	18" Dia steel casing & 12" dia carrier pipe w/casing spacers							
12A	Bore and jack	L.F.	40	240.00	220.00	230.00	-8%	-4%
12B	Placed in open trench	L.F.	20	170.00	150.00	160.00	-12%	-6%
13	16" Dia steel casing & 10" dia carrier pipe w/casing spacers							
13A	Bore and jack	L.F.	40	200.00	210.00	220.00	5%	10%
13B	Placed in open trench	L.F.	20	140.00	150.00	160.00	7%	14%
14	14" Dia steel casing & 8" dia carrier pipe w/casing spacers							
14A	Bore and jack	L.F.	200	195.00	190.00	200.00	-3%	3%
14B	Placed in open trench	L.F.	60	140.00	140.00	140.00	0%	0%
15	10" Dia steel casing & 6" dia carrier pipe w/casing spacers							
15A	Bore and jack	L.F.	65	180.00	170.00	160.00	-6%	-11%
15B	Placed in open trench	L.F.	10	140.00	120.00	110.00	-14%	-21%
16	2"ARV for 20" pipe	Each	1	1,200.00	1,100.00	1,000.00	-8%	-17%
17	2" ARV for 16" pipe	Each	1	1,200.00	1,100.00	1,000.00	-8%	-17%
18	2" ARV for 12" pipe	Each	1	1,000.00	1,000.00	1,000.00	0%	0%
19	2" ARV for 10" pipe	Each	1	1,000.00	1,000.00	1,000.00	0%	0%
20	Freebore for 20" dia pipe w/o casing, complete	L.F.	60	40.00	60.00	100.00	50%	150%
21	Freebore for 16" dia pipe w/o casing, complete	L.F.	60	40.00	60.00	100.00	50%	150%
22	Freebore for 12"dia pipe w/o casing, complete	L.F.	60	40.00	60.00	60.00	50%	50%

	Item	Unit	Est. Qty.	FY 2013	FY 2014	Bid #908 FY 2015	Percent Change 2013-2014	Percent Change 2013-2015
23	Freebore for 10" dia pipe w/o casing, complete	L.F.	60	40.00	60.00	60.00	50%	50%
24	Freebore for 8" dia pipe w/o casing, complete	L.F.	500	40.00	50.00	60.00	25%	50%
25	Freebore for 6" dia pipe w/o casing, complete	L.F.	100	40.00	50.00	60.00	25%	50%
26	20" dia ~~BFV~~ Gate Valve w/box & valve marker, complete	Each	1	Note 2*	Note 2*	12,000.00	N/A	N/A
27	16" dia BFV w/box & valve marker, complete	Each	1	2,500.00	2,200.00	6,000.00	-12%	140%
28	12" dia BFV w/box & valve marker, complete	Each	3	1,500.00	1,400.00	2,000.00	-7%	33%
29	10" dia BFV w/box & valve marker, complete	Each	3	1,500.00	1,400.00	1,700.00	-7%	13%
30	8" dia BFV w/box & valve marker, complete	Each	10	1,200.00	1,200.00	1,200.00	0%	0%
31	6" Dia gate valve w/ box & valver marker, complete	Each	1	1,200.00	900.00	900.00	-25%	-25%
32	Clearing, complete	Acre	2	2,000.00	1,700.00	1,400.00	-15%	-30%
33	Pavement repair	S.Y.	50	40.00	40.00	40.00	0%	0%
34	Trench rock excavation, complete	C.Y	100	90.00	100.00	100.00	11%	11%
35	Unsuitable materials, complete	C.Y	200	8.00	5.00	20.00	-38%	150%
36	3/4" short side SVC tie in	Each	10	350.00	380.00	400.00	9%	14%
37	3/4" long side SVC, complete	Each	10	600.00	650.00	700.00	8%	17%
38	1" dia short side SVC, complete	Each	5	450.00	480.00	550.00	7%	22%
39	1" dia long side SVC, complete	Each	10	700.00	750.00	900.00	7%	29%
40	2" short side SVC, complete	Each	1	1,400.00	2,000.00	2,000.00	43%	43%
41	2" long side SVC, complete	Each	1	2,100.00	2,400.00	3,000.00	14%	43%
42A	Grassing, complete	Acre	5	1,500.00	2,500.00	3,500.00	67%	133%
42B	Sod replacement, complete	S.F.	1,000	1.50	1.00	1.50	-33%	0%
43	Silt fence, complete	L.F.	1,000	3.00	2.00	3.00	-33%	0%
44	Ditch check, complete	Each	100	40.00	50.00	50.00	25%	25%
45	Rip-rap, Ga DOT Type III	Ton	100	20.00	20.00	25.00	0%	25%
46	Mulch mat, complete	S.Y.	2,500	2.00	1.50	1.75	-25%	-13%
47	Concrete encasement, complete	C.Y	10	60.00	50.00	50.00	-17%	-17%
48	Concrete thrust blocking, complete	C.Y	20	150.00	150.00	160.00	0%	7%
49	Omitted			N/A	N/A	N/A	N/A	N/A
50	Omitted			N/A	N/A	N/A	N/A	N/A
51	Omitted			N/A	N/A	N/A	N/A	N/A
52	20"x10" wet tap, complete	Each	1	4,000.00	5,000.00	6,000.00	25%	50%
53	20"x8" wet tap, complete	Each	1	4,000.00	5,000.00	6,000.00	25%	50%
54	20"x6" wet tap, complete	Each	1	4,000.00	4,000.00	3,000.00	0%	-25%
55	Omitted			N/A	N/A	N/A	N/A	N/A
56	Omitted			N/A	N/A	N/A	N/A	N/A
57	16"x10" wet tap, complete	Each	1	3,500.00	4,000.00	6,000.00	14%	71%
58	16"x8" wet tap, complete	Each	1	3,500.00	3,500.00	5,000.00	0%	43%
59	16"x16" wet tap, complete	Each	1	3,000.00	3,500.00	2,500.00	17%	-17%

	Item	Unit	Est. Qty.	FY 2013	FY 2014	Bid #908 FY 2015	Percent Change 2013-2014	Percent Change 2013-2015
60	Omitted			N/A	N/A	N/A	N/A	N/A
61	12"x10" wet tap, complete	Each	*1*	2,000.00	2,500.00	3,000.00	25%	50%
62	12"x8" wet tap, complete	Each	*1*	2,000.00	2,000.00	2,000.00	0%	0%
63	12"x6" wet tap, complete	Each	*1*	2,000.00	1,500.00	1,000.00	-25%	-50%
64	10"x10" wet tap, complete	Each	*1*	2,000.00	2,500.00	2,000.00	25%	0%
65	10"x8" weet tap, complete	Each	*1*	2,000.00	2,000.00	2,000.00	0%	0%
66	10"x6" wet tap, complete	Each	*1*	2,000.00	1,500.00	1,000.00	-25%	-50%
67	8"x8" wet tap, complete	Each	*1*	2,000.00	1,800.00	2,000.00	-10%	0%
68	8"x6"wet tap, complete	Each	*1*	2,000.00	1,500.00	1,500.00	-25%	-25%
69	6"x6" wet tap, complete	Each	*1*	2,000.00	1,000.00	1,000.00	-50%	-50%
70	Stabiliz. stone or crusher run for gravel dway repair	Ton	*200*	20.00	25.00	25.00	25%	25%
71	Repair existing waterline w/owner-provided matls							
71A	Trackhoe	Hour	*300*	100.00	85.00	105.00	-15%	5%
71B	Rubber-tire backhoe	Hour	*150*	50.00	65.00	85.00	30%	70%
71C	5-man crew	Hour	*200*	150.00	145.00	165.00	-3%	10%
71D	3-man crew	Hour	*200*	100.00	90.00	99.00	-10%	-1%
72	3/4" short side SVC tie into existing waterline	Each	*20*	600.00	500.00	500.00	-17%	-17%
73	3/4" long side SVC tie into existing waterline	Each	*20*	900.00	700.00	700.00	-22%	-22%
74	1" short side SVC tie into existing waterline	Each	*10*	600.00	500.00	600.00	-17%	0%
75	1" long side SVC tie into existing waterline	Each	*10*	900.00	700.00	800.00	-22%	-11%
76	Overdepth trench excavation, backfill & compact							
76A	6'-8' trench depth	L.F.	*500*	1.00	1.00	1.00	0%	0%
76B	8'-10' trench depth	L.F.	*100*	2.00	3.00	3.00	50%	50%
76C	10'-12' trench depth	L.F.	*100*	3.00	4.00	4.00	33%	33%
76D	12'-14' trench depth	L.F.	*100*	4.00	5.00	5.00	25%	25%
77	Payment & performance bonds		*1*	12,000.00	9,000.00	14,000.00	-25%	17%

*NOTES:

1) Items highlighted in blue are "high priority" items; that is, items that tend to have a higher probability of being used in any one year.

2: This item was changed from the previously used item, so prices are not comparable.

CH2M HILL
6600 Peachtree Dunwoody Road
Embassy Row 400, Suite 600
Atlanta, GA 30328
Tel (770) 604-9095

September 24, 2014

Lee Pope, Director
Fayette County Water System
245 McDonough Road
Fayetteville, Georgia 30214

Subject: Bid #908 Annual Contract for Waterline Extensions for Fayette County, 2014-2015
Recommendation of Award

Bid Summary

CH2M HILL prepared the bid documents, oversaw the Invitation to Bid, attended the bid opening, and has reviewed the bid packages submitted for BID #908, ANNUAL CONTRACT FOR WATERLINE EXTENSIONS FOR FAYETTE COUNTY, 2014-2015. The project bid documents were posted on Fayette County's website (procurement page), and announced through five separate means, including:

- Fayette County Vendor List – sending notices directly to all approved vendors,
- TV 23 local television,
- Fayette News newspaper,
- GLGA Marketplace – Georgia local government registry of items for bi,
- Georgia Procurement Registry – State-managed vendor list.

Construction bids were received on August 26, 2014. Two contractors submitted bids for this project: Kemi Construction Company, Inc. and Shockley Plumbing, Inc. (SHOCKLEY). Each contractor submitted bids that complied with the bid document requirements. The total base bid and weight bid for each contractor is provided in Table 1:

TABLE 1
Summary of Bids
Bid #908 Annual Contract for Waterline Extensions for Fayette County, 2014-2015

Contractor	Base Bid	Weighted Bid
Kemi Construction Company, Inc.	$ 1,442,150.00	$ 837,262.50
Shockley Plumbing, Inc.	$ 826,075.00	$ 489,556.25

A summary of the bids and required documentation is attached as Table 2. The submitted bid schedule with unit prices is attached as Table 3.

Project References

Shockley has worked for Fayette County Water System (FAYETTE) in the role of on-call waterline extension contractor for the previous three years. Given this active relationship with Fayette, CH2M HILL did not check Shockley's non-Fayette project references. If Fayette would like CH2M HILL to review additional Shockley references, please let me know.

Administrative Requirements

CH2M HILL has reviewed Shockley bid package and confirmed that they have submitted all documents required for a complete bid. A Performance bond, payment bond, and Georgia Security Immigration Compliance Act affidavit from Shockley will be required prior to contract execution.

Old Republic Surety Company (NAIC #40444) was the bid bond surety company; it is assumed that they will provide the performance and payment bonds for this project. They are listed in the current U.S. Department of Treasure Circular 570, and are shown as being licensed in the State of Georgia with an underwriting limitation of $5.2M, an amount greater than the bond amount. CH2M HILL does not make any representation as to the solvency of this surety company; however, its inclusion in this circular indicates that they are acceptable as surety on Federal Bonds.

The bid did not take any exceptions to the contract documents.

Recommendation of Award

Based upon a review of the bid packages, CH2M HILL recommends that Fayette award the contract to Shockley based upon a BASE BID of $826,075.00 and a WEIGHTED BID of $489,556.25. This is a unit-price contract for work as required on a project-by-project basis. The total contract amount will be based upon the amount of work authorized by Fayette and performed by Shockley during the contract timeframe (July 1, 2014 – June 20, 2015).

Respectfully,

CH2M HILL

Alan Bowling, PE
Project Manager

Attachment: Table 1: Bid Evaluation
Table 2: Bid Costs

CH2MHILL. ATL Office
6600 Peachtree Dunwoody Road
Embassy Row 400, Suite 600
Atlanta, Georgia 30328
(770) 604-9095

TABLE 2
Bid Evaluation
Bid #908 Annual Contract for Waterline Extensions for Fayette County, 2014-2015

Bidder	Contact Name	Submit Bid by Deadline	Envelope Sealed & Addressed	Signed by Company Officer	Bid Schedule	Base Bid Amount [a]	Weighted Bid Amount	Contractor Affidavit [b]	Bid Bond		Letter Assuring Performance Bond [c]	Letter Assuring Payment Bond [d]	Insurance	Statement of Bidder's Qualifications	Utility Contractor's License Certification	GA Security & Immigration Compliance Act Affidavits [e]
Kemi Construction Company, Inc.	Rufus Oladapo Verna Akinpelu attended Bid Opening	Yes	Yes	Yes	Yes	$ 1,442,150.00	$ 837,262.50	No	Yes	5.00%	Yes	Yes	Yes	Yes	UC300571 Issued: 1996 Exp: 4/30/2015	No
Shockley Plumbing, Inc.	R.W. Shockley	Yes	Yes	Yes	Yes	$ 826,075.00	$ 489,556.25	No	Yes	5.00%	No	No	--	Yes	Yes	No

Notes:
[a] See Table 3 for Unit Costs
[b] Contractor Affidavit - required by Purchasing Department prior to Contract execution
[c] Letter Assuring Performance Bond - requested by Purchasing Department at Bid stage, as a courtesy to ensure Bidder is able to be bonded.
[d] Letter Assuring Payment Bond - requested by Purchasing Department at Bid stage, as a courtesy to ensure Bidder is able to be bonded.
[e] GA Securing Immigration Compliance Act Affidavit - required by Purchasing Department prior to Contract execution

CH2MHILL ATL Office
6600 Peachtree Dunwoody Road
Embassy Row 400, Suite 600
Atlanta, GA 30128
(770) 604-9095

TABLE 3
Bid Schedule
Bid #908 Annual Contract for Waterline Extensions for Fayette County, 2014-2015

			Bidder	Kemi Construction Company, Inc.				Shockley Plumbing, Inc.			
				Base Bid:	$ 1,442,150	Weighted Bid:	$ 837,262.50	Base Bid:	$ 826,075	Weighted Bid:	$ 489,556
No.	Item	Unit	Est. Quantity	Unit Price	Base Bid	Priority	Weighted Bid	Unit Price	Base Bid	Priority	Weighted Bid
1	Mobilization - Primary (See Specification Section 01010)	EA.	10	$ 2,000.00	$ 20,000.00	High	$ 15,000.00	$ 2,000.00	$ 20,000.00	High	$ 15,000.00
1A	Mobilization - Secondary (See Specification Section 01010)	EA.	1	$ 3,500.00	$ 3,500.00	Low	$ 875.00	$ 2,000.00	$ 2,000.00	Low	$ 500.00
2	20" Diameter (Dia.) Class 300 Ductile Iron Pipe (DIP), complete	L.F.	100	$ 145.00	$ 14,500.00	Low	$ 3,625.00	$ 100.00	$ 10,000.00	Low	$ 2,500.00
3	16" Dia. Class 300 DIP, complete	L.F.	100	$ 130.00	$ 13,000.00	Low	$ 3,250.00	$ 85.00	$ 8,500.00	Low	$ 2,125.00
4	12" Dia. Class 300 DIP, complete	L.F.	600	$ 95.00	$ 57,000.00	Low	$ 14,250.00	$ 38.00	$ 22,800.00	Low	$ 5,700.00
5	10" Dia. Class 300 DIP, complete	L.F.	600	$ 92.00	$ 55,200.00	High	$ 41,400.00	$ 32.00	$ 19,200.00	High	$ 14,400.00
6	8" Dia. Class 300 DIP, complete	L.F.	5000	$ 85.00	$ 425,000.00	High	$ 318,750.00	$ 26.00	$ 130,000.00	High	$ 97,500.00
7	6" Dia. Class 300 DIP, complete	L.F.	600	$ 80.00	$ 48,000.00	High	$ 36,000.00	$ 19.00	$ 11,400.00	High	$ 8,550.00
8	D.I. Fittings, complete including hydrant tees, gaskets & hardware Weight based on Star Pipe Products Weight Guide, or ENGINEER-approved equivalent	TON	10.0	$ 100.00	$ 1,000.00	High	$ 750.00	$ 7,000.00	$ 70,000.00	High	$ 52,500.00
9	Fire Hydrant Assemblies, complete including 6" gate valve, valve box, hydrant lead pipe, restraining devices, concrete & crushed stone	EA.	10	$ 4,800.00	$ 48,000.00	High	$ 36,000.00	$ 2,900.00	$ 29,000.00	High	$ 21,750.00
10	**30" Dia. Steel Casing & 20" Dia. Carrier Pipe w/Casing Spacers**										
10A	Bore & Jack	L.F.	40	$ 450.00	$ 18,000.00	Low	$ 4,500.00	$ 340.00	$ 13,600.00	Low	$ 3,400.00
10B	Placed in open trench	L.F.	20	$ 320.00	$ 6,400.00	Low	$ 1,600.00	$ 250.00	$ 5,000.00	Low	$ 1,250.00
11	**24" Dia. Steel Casing & 16" Dia. Carrier Pipe w/Casing Spacers**										
11A	Bore & Jack	L.F.	40	$ 400.00	$ 16,000.00	Low	$ 4,000.00	$ 280.00	$ 11,200.00	Low	$ 2,800.00
11B	Placed in open trench	L.F.	20	$ 300.00	$ 6,000.00	Low	$ 1,500.00	$ 200.00	$ 4,000.00	Low	$ 1,000.00
12	**16" Dia. Steel Casing & 12" Dia. Carrier Pipe w/Casing Spacers**										
12A	Bore & Jack	L.F.	40	$ 300.00	$ 12,000.00	Low	$ 3,000.00	$ 230.00	$ 9,200.00	Low	$ 2,300.00
12B	Placed in open trench	L.F.	20	$ 200.00	$ 4,000.00	Low	$ 1,000.00	$ 160.00	$ 3,200.00	Low	$ 800.00
13	**16" Dia. Steel Casing & 10" Dia. Carrier Pipe w/Casing Spacers**										
13A	Bore & Jack	L.F.	40	$ 300.00	$ 12,000.00	Low	$ 3,000.00	$ 220.00	$ 8,800.00	Low	$ 2,200.00
13B	Placed in open trench	L.F.	20	$ 200.00	$ 4,000.00	Low	$ 1,000.00	$ 160.00	$ 3,200.00	Low	$ 800.00
14	**14" Dia. Steel Casing & 8" Dia. Carrier Pipe w/Casing Spacers**										
14A	Bore & Jack	L.F.	200	$ 220.00	$ 44,000.00	High	$ 33,000.00	$ 200.00	$ 40,000.00	High	$ 30,000.00
14B	Placed in open trench	L.F.	60	$ 170.00	$ 10,200.00	High	$ 7,650.00	$ 140.00	$ 8,400.00	High	$ 6,300.00
15	**10" Dia. Steel Casing & 6" Dia. Carrier Pipe w/Casing Spacers**										
15A	Bore & Jack	L.F.	65	$ 180.00	$ 11,700.00	Low	$ 2,925.00	$ 160.00	$ 10,400.00	Low	$ 2,600.00
15B	Placed in open trench	L.F.	10	$ 150.00	$ 1,500.00	Low	$ 375.00	$ 110.00	$ 1,100.00	Low	$ 275.00
16	2" Dia. Combination Vacuum/Air Release Valve (C/ARV), complete Including saddle tap for, 20" Dia. pipe, manhole, stone bedding, all accessories and clean up	EA.	1	$ 8,000.00	$ 8,000.00	Low	$ 2,000.00	$ 1,000.00	$ 1,000.00	Low	$ 250.00
17	2" Dia. C/ARV, complete Including saddle tap for, 16" Dia. pipe, manhole, stone bedding, all accessories and clean up	EA.	1	$ 7,000.00	$ 7,000.00	Low	$ 1,750.00	$ 1,000.00	$ 1,000.00	Low	$ 250.00
18	2" Dia. C/ARV, complete Including saddle tap for, 12" Dia. pipe, manhole, stone bedding, all accessories and clean up	EA.	1	$ 7,000.00	$ 7,000.00	Low	$ 1,750.00	$ 1,000.00	$ 1,000.00	Low	$ 250.00
19	2" Dia. C/ARV, complete Including saddle tap for, 10" Dia. pipe, manhole, stone bedding, all accessories and clean up	EA.	1	$ 7,000.00	$ 7,000.00	Low	$ 1,750.00	$ 1,000.00	$ 1,000.00	Low	$ 250.00
20	Freebore for 20" pipe w/out casing, complete	L.F.	60	$ 200.00	$ 12,000.00	Low	$ 3,000.00	$ 100.00	$ 6,000.00	Low	$ 1,500.00
21	Freebore for 16" pipe w/out casing, complete	L.F.	60	$ 200.00	$ 12,000.00	Low	$ 3,000.00	$ 100.00	$ 6,000.00	Low	$ 1,500.00
22	Freebore for 12" pipe w/out casing, complete	L.F.	60	$ 150.00	$ 9,000.00	Low	$ 2,250.00	$ 60.00	$ 3,600.00	Low	$ 900.00
23	Freebore for 10" pipe w/out casing, complete	L.F.	60	$ 150.00	$ 9,000.00	Low	$ 2,250.00	$ 60.00	$ 3,600.00	Low	$ 900.00
24	Freebore for 8" pipe w/out casing, complete	L.F.	500	$ 130.00	$ 65,000.00	High	$ 48,750.00	$ 60.00	$ 30,000.00	High	$ 22,500.00
25	Freebore for 6" pipe w/out casing, complete	L.F.	100	$ 120.00	$ 12,000.00	Low	$ 3,000.00	$ 60.00	$ 6,000.00	Low	$ 1,500.00
26	20" Dia. Butterfly Valve (BFV) w/box & valve marker, complete	EA.	1	$ 18,000.00	$ 18,000.00	Low	$ 4,500.00	$ 12,000.00	$ 12,000.00	Low	$ 3,000.00
27	16" Dia. BFV w/box & valve marker, complete	EA.	1	$ 10,000.00	$ 10,000.00	Low	$ 2,500.00	$ 6,000.00	$ 6,000.00	Low	$ 1,500.00
28	12" Dia. BFV w/box & valve marker, complete	EA.	3	$ 3,500.00	$ 10,500.00	Low	$ 2,625.00	$ 2,000.00	$ 6,000.00	Low	$ 1,500.00
29	10" Dia. BFV w/box & valve marker, complete	EA.	3	$ 3,200.00	$ 9,600.00	Low	$ 2,400.00	$ 1,700.00	$ 5,100.00	Low	$ 1,275.00
30	8" Dia. BFV w/box & valve marker, complete	EA.	10	$ 2,300.00	$ 23,000.00	High	$ 17,250.00	$ 1,200.00	$ 12,000.00	High	$ 9,000.00
31	6" Dia. Gate Valve (GV) w/box & valve marker, complete	EA.	1	$ 1,800.00	$ 1,800.00	High	$ 1,350.00	$ 900.00	$ 900.00	High	$ 675.00
32	Clearing, complete w/burning (if allowed), grinding, haul off and cleanup	ACRE	2.0	$ 5,000.00	$ 10,000.00	High	$ 7,500.00	$ 1,400.00	$ 2,800.00	High	$ 2,100.00
33	Pavement Repair	S.Y.	50	$ 70.00	$ 3,500.00	High	$ 2,625.00	$ 40.00	$ 2,000.00	High	$ 1,500.00
34	Trench Rock Excavation, complete including backfill with suitable material	C.Y.	100	$ 90.00	$ 9,000.00	High	$ 6,750.00	$ 100.00	$ 10,000.00	High	$ 7,500.00
35	Unsuitable Materials, complete including backfill with suitable material	C.Y.	200	$ 50.00	$ 10,000.00	High	$ 7,500.00	$ 20.00	$ 4,000.00	High	$ 3,000.00
36	3/4" Short-Side service tie-ins, including copper service pipe, meter box, & all misc. hardware (Owner to provide 3/4" meter & backflow preventor)	EA.	10	$ 900.00	$ 9,000.00	High	$ 6,750.00	$ 400.00	$ 4,000.00	High	$ 3,000.00
37	3/4" Long-Side service tie-ins, complete as described in Item 36, including road bore	EA.	10	$ 1,100.00	$ 11,000.00	High	$ 8,250.00	$ 700.00	$ 7,000.00	High	$ 5,250.00
38	1" Short-Side Service Tie in, complete, as described in Item 36	EA.	5	$ 950.00	$ 4,750.00	High	$ 3,562.50	$ 550.00	$ 2,750.00	High	$ 2,062.50
39	1" Long-Side service tie-ins, complete as described in Item 36, including road bore	EA.	10	$ 1,200.00	$ 12,000.00	High	$ 9,000.00	$ 900.00	$ 9,000.00	High	$ 6,750.00
40	2" Short-Side Service Tie in, complete, as described in Item 36	EA.	1	$ 1,200.00	$ 1,200.00	Low	$ 300.00	$ 2,000.00	$ 2,000.00	Low	$ 500.00
41	2" Long-Side service tie-ins, complete as described in Item 36, including road bore	EA.	1	$ 1,500.00	$ 1,500.00	Low	$ 375.00	$ 3,000.00	$ 3,000.00	Low	$ 750.00
42A	Grassing (DS3), complete including maintenance and temporary grassing (DS2)	ACRE	5	$ 1,200.00	$ 6,000.00	High	$ 4,500.00	$ 3,500.00	$ 17,500.00	High	$ 13,125.00
42B	Sod Replacement (DS4), complete	S.F.	1000	$ 2.00	$ 2,000.00	High	$ 1,500.00	$ 1.50	$ 1,500.00	High	$ 1,125.00
43	Silt Fence (Sd1), complete	L.F.	1000	$ 4.00	$ 4,000.00	High	$ 3,000.00	$ 3.00	$ 3,000.00	High	$ 2,250.00
44	Ditch Checks (Cd), complete	EA.	100	$ 150.00	$ 15,000.00	High	$ 11,250.00	$ 50.00	$ 5,000.00	High	$ 3,750.00
45	Rip-Rap (St), GDOT Type 3	TON	100	$ 50.00	$ 5,000.00	High	$ 3,750.00	$ 25.00	$ 2,500.00	High	$ 1,875.00
46	Mulch Mat (Ss), complete	S.Y.	2500	$ 1.00	$ 2,500.00	High	$ 1,875.00	$ 1.75	$ 4,375.00	High	$ 3,281.25
47	Concrete Encasement, complete	C.Y.	10	$ 250.00	$ 2,500.00	High	$ 1,875.00	$ 50.00	$ 500.00	High	$ 375.00
48	Concrete Thrust Blocking, complete	C.Y.	20	$ 200.00	$ 4,000.00	High	$ 3,000.00	$ 160.00	$ 3,200.00	High	$ 2,400.00
49	Omitted	n/a	n/a	n/a	n/a			n/a	n/a		
50	Omitted	n/a	n/a	n/a	n/a			n/a	n/a		
51	Omitted	n/a	n/a	n/a	n/a			n/a	n/a		
52	20" x 10" Wet Tap, complete w/tapping sleeve, 10" GV and all misc. hardware	EA.	1	$ 12,000.00	$ 12,000.00	Low	$ 3,000.00	$ 6,000.00	$ 6,000.00	Low	$ 1,500.00
53	20" x 8" Wet Tap, complete as described in Item 52, w/8" GV	EA.	1	$ 12,000.00	$ 12,000.00	Low	$ 3,000.00	$ 6,000.00	$ 6,000.00	Low	$ 1,500.00
54	20" x 6" Wet Tap, complete as described in Item 52, w/6" GV	EA.	1	$ 12,000.00	$ 12,000.00	Low	$ 3,000.00	$ 3,000.00	$ 3,000.00	Low	$ 750.00
55	Omitted	n/a	n/a	n/a	n/a			n/a	n/a		
56	Omitted	n/a	n/a	n/a	n/a			n/a	n/a		
57	16" x 10" Wet Tap, complete as described in Item 52, w/10" GV	EA.	1	$ 10,500.00	$ 10,500.00	Low	$ 2,625.00	$ 6,000.00	$ 6,000.00	Low	$ 1,500.00
58	16" x 8" Wet Tap, complete as described in Item 52, w/8" GV	EA.	1	$ 10,500.00	$ 10,500.00	Low	$ 2,625.00	$ 5,000.00	$ 5,000.00	Low	$ 1,250.00

CH2MHILL ATL Office
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TABLE 3
Bid Schedule
Bid #908 Annual Contract for Waterline Extensions for Fayette County, 2014-2015

			Bidder	Kemi Construction Company, Inc.				Shockley Plumbing, Inc.			
				Base Bid:	$ 1,442,150	Weighted Bid:	$ 837,262.50	Base Bid:	$ 826,075	Weighted Bid:	$ 489,556
No.	Item	Unit	Est. Quantity	Unit Price	Base Bid	Priority	Weighted Bid	Unit Price	Base Bid	Priority	Weighted Bid
59	16" x 6" Wet Tap, complete as described in Item 52, w/6" GV	EA.	1	$ 10,000.00	$ 10,000.00	Low	$ 2,500.00	$ 2,500.00	$ 2,500.00	Low	$ 625.00
60	Omitted	n/a	n/a	n/a	n/a			n/a	n/a		
61	12" x 10" Wet Tap, complete as described in Item 52, w/10" GV	EA.	1	$ 5,500.00	$ 5,500.00	Low	$ 1,375.00	$ 3,000.00	$ 3,000.00	Low	$ 750.00
62	12" x 8" Wet Tap, complete as described in Item 52, w/8" GV	EA.	1	$ 5,200.00	$ 5,200.00	Low	$ 1,300.00	$ 2,000.00	$ 2,000.00	Low	$ 500.00
63	12" x 6" Wet Tap, complete as described in Item 52, w/6" GV	EA.	1	$ 5,000.00	$ 5,000.00	Low	$ 1,250.00	$ 1,000.00	$ 1,000.00	Low	$ 250.00
64	10" x 10" Wet Tap, complete as described in Item 52, w/10" GV	EA.	1	$ 5,000.00	$ 4,800.00	Low	$ 1,200.00	$ 2,000.00	$ 2,000.00	Low	$ 500.00
65	10" x 8" Wet Tap, complete as described in Item 52, w/8" GV	EA.	1	$ 4,800.00	$ 4,800.00	Low	$ 1,200.00	$ 2,000.00	$ 2,000.00	Low	$ 500.00
66	10" x 6" Wet Tap, complete as described in Item 52, w/6" GV	EA.	1	$ 4,800.00	$ 4,500.00	Low	$ 1,125.00	$ 1,000.00	$ 1,000.00	Low	$ 250.00
67	8" x 8" Wet Tap, complete as described in Item 52, w/8" GV	EA.	1	$ 4,500.00	$ 4,000.00	Low	$ 1,000.00	$ 2,000.00	$ 2,000.00	Low	$ 500.00
68	8" x 6" Wet Tap, complete as described in Item 52, w/8" GV	EA.	1	$ 4,000.00	$ 4,000.00	Low	$ 1,000.00	$ 1,500.00	$ 1,500.00	Low	$ 375.00
69	6" x 6" Wet Tap, complete as described in Item 52, w/6" GV	EA.	1	$ 3,500.00	$ 3,500.00	Low	$ 875.00	$ 1,000.00	$ 1,000.00	Low	$ 250.00
70	Stabilization Stone or Crusher Run for gravel driveway repair	TON	200	$ 25.00	$ 5,000.00	High	$ 3,750.00	$ 25.00	$ 5,000.00	High	$ 3,750.00
71	**REPAIR OF EXISTING WATERLINE W/OWNER PROVIDED MATERIALS INCLUDING TRAVEL TIME TO AND FROM SITE**										
71A	Trackhoe	HOUR	300	$ 70.00	$ 21,000.00	High	$ 15,750.00	$ 105.00	$ 31,500.00	High	$ 23,625.00
71B	Rubber Tire Backhoe	HOUR	150	$ 40.00	$ 6,000.00	High	$ 4,500.00	$ 85.00	$ 12,750.00	High	$ 9,562.50
71C	5 Man Crew	HOUR	200	$ 150.00	$ 30,000.00	High	$ 22,500.00	$ 165.00	$ 33,000.00	High	$ 24,750.00
71D	3 Man Crew	HOUR	200	$ 100.00	$ 20,000.00	High	$ 15,000.00	$ 99.00	$ 19,800.00	High	$ 14,850.00
72	3/4" Short-Side service tie-in to existing waterline (outside limits of any project being installed), complete as described in Item 36	EA.	20	$ 900.00	$ 18,000.00	Low	$ 4,500.00	$ 500.00	$ 10,000.00	Low	$ 2,500.00
73	3/4" Long-Side service tie-in to existing waterline (outside limits of any project being installed), complete as described in Item 36, including road bore	EA.	20	$ 1,100.00	$ 22,000.00	Low	$ 5,500.00	$ 700.00	$ 14,000.00	Low	$ 3,500.00
74	1" Short-Side service tie-in to existing waterline (outside limits of any project being installed), complete as described in Item 36	EA.	10	$ 950.00	$ 9,500.00	Low	$ 2,375.00	$ 600.00	$ 6,000.00	Low	$ 1,500.00
75	1" Long-Side service tie-in to existing waterline (outside limits of any project being installed), complete as described in Item 36, including road bore	EA.	10	$ 1,200.00	$ 12,000.00	Low	$ 3,000.00	$ 800.00	$ 8,000.00	Low	$ 2,000.00
76	**OVERDEPTH TRENCH EXCAVATION, BACKFILL & COMPACTION FOR WATERMAIN INSTALLATIONS DEEPER THAN SIX FEET (6')**										
76A	6' - 8' Trench Depth	L.F.	500	$ 5.00	$ 2,500.00	Low	$ 625.00	$ 1.00	$ 500.00	Low	$ 125.00
76B	8' - 10' Trench Depth	L.F.	100	$ 10.00	$ 1,000.00	Low	$ 250.00	$ 3.00	$ 300.00	Low	$ 75.00
76C	10' - 12' Trench Depth	L.F.	100	$ 10.00	$ 1,000.00	Low	$ 250.00	$ 4.00	$ 400.00	Low	$ 100.00
76D	12' - 14' Trench Depth	L.F.	100	$ 10.00	$ 1,000.00	Low	$ 250.00	$ 5.00	$ 500.00	Low	$ 125.00
77	Payment & Performance Bonds	L.S.	L.S.	$ 20,000.00	$ 20,000.00	High	$ 15,000.00	$ 14,000.00	$ 14,000.00	High	$ 10,500.00