Consent Agenda #12

COUNTY AGENDA REQUEST

Department:	Water System	Presenter(s):	Lee Pope
Meeting Date:	Thursday, January 9, 2014	Type of Request:	Consent

Wording for the Agenda:

Approval of the Water Committee's recommendation to allocate $50,000.00 from the Waterline Extension budget for waterline extensions that will upgrade the proposed waterline for Camp Southern Ground from a 10-inch to a 12-inch waterline, and approval to notify homeowners along a portion of Ebenezer Church Road of an opportunity to tap into the waterline and to waive the $400.00 fee.

Background/History/Details:

Camp Southern Ground is proposing a 10-inch waterline as part of their development on Ebenezer Church Road. The Water System needs a 12-inch waterline to be installed to insure adequate water and pressure for future customers.

Camp Southern Ground will pay the initial cost of the 10-inch waterline and the Water System will pay the cost difference between the 10-inch and 12-inch waterline, which is approximately $50,000.00. Currently, the Waterline Extension Budget has approximately $500,000.00 in available funds.

The Water Committee has also recommended that the County notify homeowners along the portion of the Ebenezer Church Road corridor of an opportunity to tap into the waterline while waiving the $400.00 tap fee.

What action are you seeking from the Board of Commissioners?

Approval of the Water Committee's recommendation to allocate $50,000.00 from the Waterline Extension budget for waterline extensions that will upgrade the proposed waterline for Camp Southern Ground from a 10-inch to a 12-inch waterline, and approval to notify homeowners along the corridor of an opportunity to tap into the waterline and waive the $400.00 tap fee.

If this item requires funding, please describe:

Funds are available in the Water System budget line 50541100-610507, transfers to CIP.

Has this request been considered within the past two years?	No	If so, when?	
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	Not Applicable	County Clerk's Approval	Yes
Administrator's Approval			

Staff Notes:

Camp Southern Ground Project 10" $500,000 Budget

Item	Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization - Primary	EA.	1	1800	1800
1A	Mobilization - Secondary	EA.		1000	0
2	20" Dia. Class 300 D.I.P., Con	L.F.		110	0
3	16" Dia. Class 300 D.I.P., Con	L.F.		90	0
4	12" Dia. Class 300 D.I.P., Con	L.F.		38	0
5	10" Dia. Class 300 D.I.P., Con	L.F.	7204	33	237732
6	8" Dia. Class 300 D.I.P., Comp	L.F.		26	0
7	6" Dia. Class 300 D.I.P., Comp	L.F.		21	0
8	D.I. Fittings, Complete	TON	0.1395	7000	976.5
9	Fire Hydrant Assemblies	EA.	12	3000	36000
10	**30" Dia. Steel Casing & 20" Dia. Carrier Pipe w/Casing Spacers**				
10A	Bore & Jack	L.F.		325	0
10B	Placed in open trench	L.F.		250	0
11	**24" Dia. Steel Casing & 16" Dia. Carrier Pipe w/Casing Spacers**				
11A	Bore & Jack	L.F.		260	0
11B	Placed in open trench	L.F.		190	0
12	**16" Dia. Steel Casing & 12" Dia. Carrier Pipe w/Casing Spacers**				
12A	Bore & Jack	L.F.		220	0
12B	Placed in open trench	L.F.		150	0
13	**16" Dia. Steel Casing & 10" Dia. Carrier Pipe w/Casing Spacers**				
13A	Bore & Jack	L.F.		210	0
13B	Placed in open trench	L.F.		150	0
14	**14" Dia. Steel Casing & 8" Dia. Carrier Pipe w/Casing Spacers**				
14A	Bore & Jack	L.F.		190	0
14B	Placed in open trench	L.F.		140	0
15	**10" Dia. Steel Casing & 6" Dia. Carrier Pipe w/Casing Spacers**				
15A	Bore & Jack	L.F.		170	0
15B	Placed in open trench	L.F.		120	0
16	2" ARV for 20" Pipe	EA.		1100	0
17	2" ARV for 16" Pipe	EA.		1100	0
18	1" ARV for 12" Pipe	EA.		1000	0
19	1" ARV for 10" Pipe	EA.		1000	0
20	Freebore for 20" pipe w/out ca	L.F.		60	0
21	Freebore for 16" pipe w/out ca	L.F.		60	0
22	Freebore for 12" pipe w/out ca	L.F.		60	0
23	Freebore for 10" pipe w/out ca	L.F.		60	0
24	Freebore for 8" pipe w/out cas	L.F.		50	0
25	Freebore for 6" pipe w/out cas	L.F.		50	0
26	20" Dia. BFV w/box & valve m	EA.		2900	0
27	16" Dia. BFV w/box & valve m	EA.		2200	0
28	12" Dia. BFV w/box & valve m	EA.		1400	0
29	10" Dia. BFV w/box & valve m	EA.	7	1400	9800
30	8" Dia. BFV w/box & valve ma	EA.		1200	0
31	6" Dia. Gate w/box & valve ma	EA.		900	0
32	Clearing, Complete	ACRE		1700	0
33	Pavement Repair	S.Y.		40	0

34	Trench Rock Excavation, Com	C.Y.		100	0
35	Unsuitable Materials, Complet	C.Y.		5	0
36	3/4" Short Side Service Tie in,	EA.		380	0
37	3/4" Long Side Service Tie in,	EA.		650	0
38	1" Short Side Service Tie in, C	EA.		480	0
39	1" Long Side Service Tie in, C	EA.		750	0
40	2" Short Side Service Tie in, C	EA.		2000	0
41	2" Long Side Service Tie in, C	EA.		2400	0
42A	Grassing, Complete	ACRE		2500	0
42B	Sod Replacement, Complete	S.F.		1	0
43	Silt Fence, Complete	L.F.		2	0
44	Ditch Checks, Complete	EA.		50	0
45	Rip-Rap, GDOT Type 3	TON		20	0
46	Mulch Mat, Complete	S.Y.		1.5	0
47	Concrete Encasement, Compl	C.Y.		50	0
48	Concrete Thrust Blocking, Cor	C.Y.	8	150	1200
49	Omitted	EA.		0	0
50	Omitted	EA.		0	0
51	Omitted	EA.		0	0
52	20" x 10" Wet Tap, Complete	EA.		5000	0
53	20" x 8" Wet Tap, Complete	EA.		5000	0
54	20" x 6" Wet Tap, Complete	EA.		4000	0
55	Omitted	EA.		0	0
56	Omitted	EA.		0	0
57	16" x 10" Wet Tap, Complete	EA.		4000	0
58	16" x 8" Wet Tap, Complete	EA.		3500	0
59	16" x 6" Wet Tap, Complete	EA.		3500	0
60	Omitted	EA.		0	0
61	12" x 10" Wet Tap, Complete	EA.		2500	0
62	12" x 8" Wet Tap, Complete	EA.		2000	0
63	12" x 6" Wet Tap, Complete	EA.		1500	0
64	10" x 10" Wet Tap, Complete	EA.		2500	0
65	10" x 8" Wet Tap, Complete	EA.		2000	0
66	10" x 6" Wet Tap, Complete	EA.		1500	0
67	8" x 8" Wet Tap, Complete	EA.		1800	0
68	8" x 6" Wet Tap, Complete	EA.		1500	0
69	6" x 6" Wet Tap, Complete	EA.		1000	0
70	Stab. Stone or Crusher Run	TON		25	0
71	**REPAIR OF EXISTING WATERLINE W/OWNER PROVIDED MATERIALS**				
71A	Trackhoe	HOUR		85	0
71B	Rubber Tire Backhoe	HOUR		65	0
71C	5 Man Crew	HOUR		145	0
71D	3 Man Crew	HOUR		90	0
72	3/4" Short Side Service Tie in	EA.		500	0
73	3/4" Long Side Service Tie in t	EA.		700	0
74	1" Short Side Service Tie in to	EA.		500	0
75	1" Long Side Service Tie in to	EA.		700	0
76	**OVERDEPTH TRENCH EXCAVATION, BACKFILL & COMPACTION**				
76A	6' - 8' Trench Depth	L.F.		1	0
76B	8' - 10' Trench Depth	L.F.		3	0
76C	10' - 12' Trench Depth	L.F.		4	0
76D	12' - 14' Trench Depth	L.F.		5	0

77	Payment & Performance Bonc	L.S.	L.S.	
*******	**TOTAL**	*******		287508.5
	Estimate based on Star Pipe Products Weight Guide			

Camp Southern Ground Project Estim 12' $500,000 Budget

Item	Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization - Primary	EA.	1	1800	1800
1A	Mobilization - Secondary	EA.		1000	0
2	20" Dia. Class 300 D.I.P., Complete	L.F.		110	0
3	16" Dia. Class 300 D.I.P., Complete	L.F.		90	0
4	12" Dia. Class 300 D.I.P., Complete	L.F.	7204	38	273752
5	10" Dia. Class 300 D.I.P., Complete	L.F.		33	0
6	8" Dia. Class 300 D.I.P., Complete	L.F.	100	26	2600
7	6" Dia. Class 300 D.I.P., Complete	L.F.		21	0
8	D.I. Fittings, Complete	TON	0.652	7000	4564
9	Fire Hydrant Assemblies	EA.		3000	0
10	**30" Dia. Steel Casing & 20" Dia. Carrier Pipe w/Casing Spacers**				
10A	Bore & Jack	L.F.		325	0
10B	Placed in open trench	L.F.		250	0
11	**24" Dia. Steel Casing & 16" Dia. Carrier Pipe w/Casing Spacers**				
11A	Bore & Jack	L.F.		260	0
11B	Placed in open trench	L.F.		190	0
12	**16" Dia. Steel Casing & 12" Dia. Carrier Pipe w/Casing Spacers**				
12A	Bore & Jack	L.F.	40	220	8800
12B	Placed in open trench	L.F.		150	0
13	**16" Dia. Steel Casing & 10" Dia. Carrier Pipe w/Casing Spacers**				
13A	Bore & Jack	L.F.		210	0
13B	Placed in open trench	L.F.		150	0
14	**14" Dia. Steel Casing & 8" Dia. Carrier Pipe w/Casing Spacers**				
14A	Bore & Jack	L.F.	80	190	15200
14B	Placed in open trench	L.F.		140	0
15	**10" Dia. Steel Casing & 6" Dia. Carrier Pipe w/Casing Spacers**				
15A	Bore & Jack	L.F.		170	0
15B	Placed in open trench	L.F.		120	0
16	2" ARV for 20" Pipe	EA.		1100	0
17	2" ARV for 16" Pipe	EA.		1100	0
18	1" ARV for 12" Pipe	EA.		1000	0
19	1" ARV for 10" Pipe	EA.		1000	0
20	Freebore for 20" pipe w/out casing, co	L.F.		60	0
21	Freebore for 16" pipe w/out casing, co	L.F.		60	0
22	Freebore for 12" pipe w/out casing, co	L.F.		60	0
23	Freebore for 10" pipe w/out casing, co	L.F.		60	0
24	Freebore for 8" pipe w/out casing, con	L.F.		50	0
25	Freebore for 6" pipe w/out casing, con	L.F.		50	0
26	20" Dia. BFV w/box & valve marker, c	EA.		2900	0
27	16" Dia. BFV w/box & valve marker, c	EA.		2200	0
28	12" Dia. BFV w/box & valve marker, c	EA.	8	1400	11200
29	10" Dia. BFV w/box & valve marker, c	EA.		1400	0
30	8" Dia. BFV w/box & valve marker, co	EA.	2	1200	2400
31	6" Dia. Gate w/box & valve marker, co	EA.		900	0
32	Clearing, Complete	ACRE		1700	0
33	Pavement Repair	S.Y.		40	0

34	Trench Rock Excavation, Complete	C.Y.		100	0
35	Unsuitable Materials, Complete	C.Y.		5	0
36	3/4" Short Side Service Tie in, Comple	EA.		380	0
37	3/4" Long Side Service Tie in, Comple	EA.		650	0
38	1" Short Side Service Tie in, Complete	EA.		480	0
39	1" Long Side Service Tie in, Complete	EA.		750	0
40	2" Short Side Service Tie in, Complete	EA.		2000	0
41	2" Long Side Service Tie in, Complete	EA.		2400	0
42A	Grassing, Complete	ACRE		2500	0
42B	Sod Replacement, Complete	S.F.		1	0
43	Silt Fence, Complete	L.F.		2	0
44	Ditch Checks, Complete	EA.		50	0
45	Rip-Rap, GDOT Type 3	TON		20	0
46	Mulch Mat, Complete	S.Y.		1.5	0
47	Concrete Encasement, Complete	C.Y.		50	0
48	Concrete Thrust Blocking, Complete	C.Y.	12	150	1800
49	Omitted	EA.		0	0
50	Omitted	EA.		0	0
51	Omitted	EA.		0	0
52	20" x 10" Wet Tap, Complete	EA.		5000	0
53	20" x 8" Wet Tap, Complete	EA.		5000	0
54	20" x 6" Wet Tap, Complete	EA.		4000	0
55	Omitted	EA.		0	0
56	Omitted	EA.		0	0
57	16" x 10" Wet Tap, Complete	EA.		4000	0
58	16" x 8" Wet Tap, Complete	EA.		3500	0
59	16" x 6" Wet Tap, Complete	EA.		3500	0
60	Omitted	EA.		0	0
61	12" x 10" Wet Tap, Complete	EA.		2500	0
62	12" x 8" Wet Tap, Complete	EA.		2000	0
63	12" x 6" Wet Tap, Complete	EA.		1500	0
64	10" x 10" Wet Tap, Complete	EA.		2500	0
65	10" x 8" Wet Tap, Complete	EA.		2000	0
66	10" x 6" Wet Tap, Complete	EA.		1500	0
67	8" x 8" Wet Tap, Complete	EA.		1800	0
68	8" x 6" Wet Tap, Complete	EA.		1500	0
69	6" x 6" Wet Tap, Complete	EA.		1000	0
70	Stab. Stone or Crusher Run	TON		25	0
71	**REPAIR OF EXISTING WATERLINE W/OWNER PROVIDED MATERIALS**				
71A	Trackhoe	HOUR		85	0
71B	Rubber Tire Backhoe	HOUR		65	0
71C	5 Man Crew	HOUR		145	0
71D	3 Man Crew	HOUR		90	0
72	3/4" Short Side Service Tie in to Existi	EA.		500	0
73	3/4" Long Side Service Tie in to Existi	EA.		700	0
74	1" Short Side Service Tie in to Existing	EA.		500	0
75	1" Long Side Service Tie in to Existing	EA.		700	0
76	**OVERDEPTH TRENCH EXCAVATION, BACKFILL & COMPACTION**				
76A	6' - 8' Trench Depth	L.F.		1	0
76B	8' - 10' Trench Depth	L.F.		3	0
76C	10' - 12' Trench Depth	L.F.		4	0
76D	12' - 14' Trench Depth	L.F.		5	0

77	Payment & Performance Bonds	L.S.	L.S.	
*******	**TOTAL**	*******		322116
	Estimate based on Star Pipe Products Weight Guide			

34607.50 Difference

14250 19 services average $750 per

48857.5 total

50000 with buffer