COUNTY AGENDA REQUEST

Department:	Water System	Presenter(s):	Tony Parrott
Meeting Date:	Thursday, March 28, 2013	Type of Request:	Consent

Wording for the Agenda:

Approval of the Water Committee's recommendation to request the Department of Transportation relocate the Water System's water line for the Highway 54 expansion through the DOT's bid process when they bid the road work, and approval for the Water System to reimburse the Department of Transportation for the water line relocation.

Background/History/Details:

The Department of Transportation will be expanding the road on Highway 54 at McDonough Road. The Water System currently has 9,000 feet +/- of water line that will need to be relocated due to this expansion.

On March 13, 2013, the Water Committee unanimously recommended that the Board of Commissioners approve this request.

What action are you seeking from the Board of Commissioners?

Approval of the Water Committee's recommendation to request the Department of Transportation relocate the Water System's water line for the Highway 54 expansion through the DOT's bid process when they bid the road work, and approval for the Water System to reimburse the Department of Transportation for the water line relocation.

If this item requires funding, please describe:

Funds are available in the Renewal and Extension fund.

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:

Note: Allowing the GDOT (Georgia Department of Transportation) to manage the relocation the Water System's water line for the Highway 54 expansion through their bid process is more efficient; less expensive (change orders would be funded under the GDOT contract) and less staff effort (county responsibility would consist of general project oversight).

S.R. 54 East Project Estimate for Fayette County Water System

Item	Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization - Primary	EA.	1	$ 2,000.00	$ 2,000.00
1A	Mobilization - Secondary	EA.		$ 3,000.00	$ -
2	20" Dia. Class 300 D.I.P., Complete	L.F.		$ 115.00	$ -
3	16" Dia. Class 300 D.I.P., Complete	L.F.		$ 90.00	$ -
4	12" Dia. Class 300 D.I.P., Complete	L.F.		$ 40.00	$ -
5	10" Dia. Class 300 D.I.P., Complete	L.F.	7557	$ 35.50	$ 268,273.50
6	8" Dia. Class 300 D.I.P., Complete	L.F.	2354	$ 27.00	$ 63,558.00
7	6" Dia. Class 300 D.I.P., Complete	L.F.		$ 23.00	$ -
8	D.I. Fittings, Complete	TON	2.1685	$ 6,400.00	$ 13,878.40
9	Fire Hydrant Assemblies	EA.	14	$ 2,500.00	$ 35,000.00
10	**30" Dia. Steel Casing & 20" Dia. Carrier Pipe w/Casing Spacers**				
10A	Bore & Jack	L.F.		$ 350.00	$ -
10B	Placed in open trench	L.F.		$ 250.00	$ -
11	**24" Dia. Steel Casing & 16" Dia. Carrier Pipe w/Casing Spacers**				
11A	Bore & Jack	L.F.		$ 270.00	$ -
11B	Placed in open trench	L.F.		$ 200.00	$ -
12	**16" Dia. Steel Casing & 12" Dia. Carrier Pipe w/Casing Spacers**				
12A	Bore & Jack	L.F.		$ 240.00	$ -
12B	Placed in open trench	L.F.		$ 170.00	$ -
13	**16" Dia. Steel Casing & 10" Dia. Carrier Pipe w/Casing Spacers**				
13A	Bore & Jack	L.F.	400	$ 200.00	$ 80,000.00
13B	Placed in open trench	L.F.		$ 140.00	$ -
14	**14" Dia. Steel Casing & 8" Dia. Carrier Pipe w/Casing Spacers**				
14A	Bore & Jack	L.F.	525	$ 195.00	$ 102,375.00
14B	Placed in open trench	L.F.		$ 140.00	$ -
15	**10" Dia. Steel Casing & 6" Dia. Carrier Pipe w/Casing Spacers**				
15A	Bore & Jack	L.F.		$ 180.00	$ -
15B	Placed in open trench	L.F.		$ 140.00	$ -
16	2" ARV for 20" Pipe	EA.		$ 1,200.00	$ -
17	2" ARV for 16" Pipe	EA.		$ 1,200.00	$ -
18	1" ARV for 12" Pipe	EA.		$ 1,000.00	$ -
19	1" ARV for 10" Pipe	EA.		$ 1,000.00	$ -
20	Freebore for 20" pipe w/out casing, complete	L.F.		$ 40.00	$ -
21	Freebore for 16" pipe w/out casing, complete	L.F.		$ 40.00	$ -
22	Freebore for 12" pipe w/out casing, complete	L.F.		$ 40.00	$ -
23	Freebore for 10" pipe w/out casing, complete	L.F.		$ 40.00	$ -
24	Freebore for 8" pipe w/out casing, complete	L.F.		$ 40.00	$ -
25	Freebore for 6" pipe w/out casing, complete	L.F.		$ 40.00	$ -
26	20" Dia. BFV w/box & valve marker, comp.	EA.		$ 3,000.00	$ -
27	16" Dia. BFV w/box & valve marker, comp.	EA.		$ 2,500.00	$ -
28	12" Dia. BFV w/box & valve marker, comp.	EA.		$ 1,500.00	$ -
29	10" Dia. BFV w/box & valve marker, comp.	EA.	14	$ 1,500.00	$ 21,000.00
30	8" Dia. BFV w/box & valve marker, comp.	EA.	5	$ 1,200.00	$ 6,000.00
31	6" Dia. Gate w/box & valve marker, comp.	EA.		$ 1,200.00	$ -
32	Clearing, Complete	ACRE		$ 2,000.00	$ -
33	Pavement Repair	S.Y.		$ 40.00	$ -
34	Trench Rock Excavation, Complete	C.Y.		$ 90.00	$ -
35	Unsuitable Materials, Complete	C.Y.		$ 8.00	$ -
36	3/4" Short Side Service Tie in, Complete	EA.	6	$ 350.00	$ 2,100.00
37	3/4" Long Side Service Tie in, Complete	EA.		$ 600.00	$ -
38	1" Short Side Service Tie in, Complete	EA.		$ 450.00	$ -
39	1" Long Side Service Tie in, Complete	EA.	19	$ 700.00	$ 13,300.00

40	2" Short Side Service Tie in, Complete	EA.		$	1,400.00	$	-
41	2" Long Side Service Tie in, Complete	EA.		$	2,100.00	$	-
42A	Grassing, Complete	ACRE		$	1,500.00	$	-
42B	Sod Replacement, Complete	S.F.		$	1.50	$	-
43	Silt Fence, Complete	L.F.		$	3.00	$	-
44	Ditch Checks, Complete	EA.		$	40.00	$	-
45	Rip-Rap, GDOT Type 3	TON		$	20.00	$	-
46	Mulch Mat, Complete	S.Y.		$	2.00	$	-
47	Concrete Encasement, Complete	C.Y.		$	60.00	$	-
48	Concrete Thrust Blocking, Complete	C.Y.	111	$	150.00	$	16,650.00
49	Omitted	EA.		$	-	$	-
50	Omitted	EA.		$	-	$	-
51	Omitted	EA.		$	-	$	-
52	20" x 10" Wet Tap, Complete	EA.		$	4,000.00	$	-
53	20" x 8" Wet Tap, Complete	EA.		$	4,000.00	$	-
54	20" x 6" Wet Tap, Complete	EA.		$	4,000.00	$	-
55	Omitted	EA.		$	-	$	-
56	Omitted	EA.		$	-	$	-
57	16" x 10" Wet Tap, Complete	EA.		$	3,500.00	$	-
58	16" x 8" Wet Tap, Complete	EA.		$	3,500.00	$	-
59	16" x 6" Wet Tap, Complete	EA.		$	3,000.00	$	-
60	Omitted	EA.		$	-	$	-
61	12" x 10" Wet Tap, Complete	EA.		$	2,000.00	$	-
62	12" x 8" Wet Tap, Complete	EA.		$	2,000.00	$	-
63	12" x 6" Wet Tap, Complete	EA.		$	2,000.00	$	-
64	10" x 10" Wet Tap, Complete	EA.		$	2,000.00	$	-
65	10" x 8" Wet Tap, Complete	EA.		$	2,000.00	$	-
66	10" x 6" Wet Tap, Complete	EA.		$	2,000.00	$	-
67	8" x 8" Wet Tap, Complete	EA.		$	2,000.00	$	-
68	8" x 6" Wet Tap, Complete	EA.		$	2,000.00	$	-
69	6" x 6" Wet Tap, Complete	EA.		$	2,000.00	$	-
70	Stab. Stone or Crusher Run	TON		$	20.00	$	-
71	**REPAIR OF EXISTING WATERLINE W/OWNER PROVIDED MATERIALS**						
71A	Trackhoe	HOUR		$	100.00	$	-
71B	Rubber Tire Backhoe	HOUR		$	50.00	$	-
71C	5 Man Crew	HOUR		$	150.00	$	-
71D	3 Man Crew	HOUR		$	100.00	$	-
72	3/4" Short Side Service Tie in to Existing	EA.		$	600.00	$	-
73	3/4" Long Side Service Tie in to Existing	EA.		$	900.00	$	-
74	1" Short Side Service Tie in to Existing	EA.		$	600.00	$	-
75	1" Long Side Service Tie in to Existing	EA.		$	900.00	$	-
76	**OVERDEPTH TRENCH EXCAVATION, BACKFILL & COMPACTION**						
76A	6' - 8' Trench Depth	L.F.		$	1.00	$	-
76B	8' - 10' Trench Depth	L.F.		$	2.00	$	-
76C	10' - 12' Trench Depth	L.F.		$	3.00	$	-
76D	12' - 14' Trench Depth	L.F.		$	4.00	$	-
77	Payment & Performance Bonds	L.S.			L.S.		
*******	**TOTAL**	*******				$	624,134.90

Estimate based on Star Pipe Products Weight Guide

NO CURRENT PRICING FOR ITEMS

2" HDPE/Steel Casing	L.F.	793
4" HDPE/Steel Casing	L.F.	100
24" DIP	L.F.	300
10" DIP with hangers/bridge attachment	L.F.	240

Subtract 240 from total 10" footage