

MEMORANDUM

TO: Honorable Mayor and City Council Members
FROM: Paul Johnson – Public Works Director
DATE: August 25, 2009
SUBJECT: Cost Share Bid With Volusia County Utilities

AUG 18 2009

AB

STRATEGIC PLAN TRACKING NUMBER: G2-01, G4-PA-2

PURPOSE

The purpose of this item is to obtain City Council approval and authorization of the for staff to work with Volusia County Utilities for the purpose of replacing and relocating the water and wastewater lines at Saxon Crossing.

BACKGROUND

There is a wastewater lift station located near Target/Saxon Crossings. In the construction of Saxon Crossing, it was discovered that both Volusia County Utilities and Orange City Utilities have water and wastewater lines that encroach the property of Saxon Crossings. As such, the developer of Saxon Crossing is unable to build one of their retention areas to St. Johns requirements. This lift station had been entirely under the control of Orange City in the not too distant past. Orange City “swapped” this station for guaranteed wastewater flows through it. (300,000 gallons per day) Because they can’t build their retention to requirements, the developer has requested the County and City relocate their lines to an area which they have agreed to provide easement(s).

In order to achieve some economy of scale for this relatively “small” project, staff has worked in unison with Volusia County to obtain the best possible pricing. Volusia County took the lead on the project and advertised the total work for bids. (This saved the City the cost of bid preparation and advertising) They received seven bids for the request. Of the seven bidders, Masci Corporation was the lowest qualified bidder. The bid has been awarded to Masci by Volusia County. The total contract amount is \$149,780.00 of which \$59,280.00 is Orange City Utilities share. Staff believes this to be fair and equitable and seeks approval of Council to reimburse Volusia County for the City’s share of the cost of the project.

RECOMMENDATION

That City Council authorize City staff to work with Volusia County Utilities for the purpose of replacing and relocating the water and wastewater lines at Saxon Crossing and reimbursement to Volusia County for Orange City's share of the cost.

PRELIMINARY ESTIMATE OF
COST SHARE WITH ORANGE CITY

VOLUSIA COUNTY
LIFT STATION 60 FORCE MAIN AND WATER MAIN REPLACEMENT
Revised July 23, 2009

Item #	Description	Qty	Unit	Unit Price	Masci's Bid Amount	% CHARGED TO VC	VC RESP.	% CHARGED TO OC	OC RESP.
1	Directional Boring								
	a) 10" DR-11 HDPE Force Main	410	LF	\$46.00	\$ 18,860.00			100%	\$ 18,860.00
	b) 14" DR11 HDPE Force Main (800 LF shown)	900	LF	\$82.00	\$ 73,800.00	100%	\$ 73,800.00		
	c) 10" DR11 HDPE Water Main	500	LF	\$46.00	\$ 23,000.00			100%	\$ 23,000.00
2	8" Water Main - C900 PVC	60	LF	\$ 12.00	\$ 720.00			100%	\$ 720.00
3	Tie-ins								
	a) 14" Force Main	4	EA	\$ 2,000.00	\$ 8,000.00	100%	\$ 8,000.00		
	b) 10" Force Main	2	EA	\$ 2,000.00	\$ 4,000.00			100%	\$ 4,000.00
	c) 8" Water Main	2	EA	\$ 2,000.00	\$ 4,000.00			100%	\$ 4,000.00
4	Remove and Dispose of Existing Pipe	1	LS	\$ 3,500.00	\$ 3,500.00	50%	\$ 1,750.00	50%	\$ 1,750.00
5	Furnish and Install Bahia Sod	2,000	SY	\$ 2.00	\$ 4,000.00	50%	\$ 2,000.00	50%	\$ 2,000.00
6	Field Locate and Expose Existing Utilities	1	LS	\$ 3,500.00	\$ 3,500.00	50%	\$ 1,750.00	50%	\$ 1,750.00
7	Unsuitable Material Excavation and Replacement	100	CY	\$ 20.00	\$ 2,000.00	50%	\$ 1,000.00	50%	\$ 1,000.00
8	Extra/Deleted D.I. Fittings	100	LBS	\$ 9.00	\$ 900.00	50%	\$ 450.00	50%	\$ 450.00
9	Record Drawing Preparation	1	LS	\$ 3,500.00	\$ 3,500.00	50%	\$ 1,750.00	50%	\$ 1,750.00
	TOTAL BID AMOUNT				\$ 149,780.00		\$ 90,500.00		\$ 59,280.00

Notes:

1) Percentage of Items 4 through 9 are based on ratio of entity pipe to total pipe. Orange City is owner of the 10" FM and WM. Volusia County is owner of 14" FM

Prepared by
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting Engineers-
July 2009