



CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE 10-~~17~~²⁴-06

SUBJECT: City Cost Participation Request for Masci Construction to Install a Sewer Force Main along Reed Canal Road and thru Legacy Apartments Phase II.

DEPARTMENT: Public Utilities

RECOMMENDED MOTION: To approve City Cost Participation and issue a purchase order to Masci Construction in the amount of \$346,250 for construction of a sewer force main along Reed Canal Road and thru Legacy Apartments Phase II, and to authorize the Mayor and City Manager to execute applicable contract documents, as necessary.


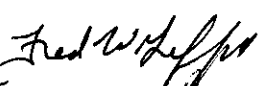

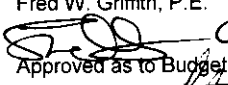
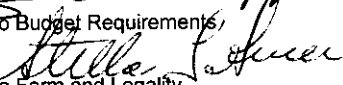

SUMMARY: The developer of Legacy Apartments Phase II, SSW and Bush, and their engineer, Upham Inc. have been cooperating fully with us to design a replacement sewer force main along Reed Canal Road and thru their project. The proposed force main will replace the twenty plus year old, brittle plastic force main that currently serves La Costa and all of the Crystal Lake development. The existing force main currently snakes it's way northward thru La Costa, westward along Big Tree Road, and then back southward along Clyde Morris Blvd. Recently this aging sewer force main has experienced many failures which have been quite problematic and costly to locate and repair by city crews. It is also important to note that this existing force main if not relocated now will need to be reconstructed eventually for significantly more dollars due to it's longer length with the future Big Tree Road widening that is already being discussed by the County. This future utility project is currently referenced in our city's master utility plan and Volusia County's Future Roadway Widening Plan.

The developer's utility contractor, Masci Construction has expressed their interest and provided a quotation to install the additional replacement 10" upsized force main along Reed Canal Road in addition to the 8" on-site force main section thru Legacy Phase II under this city cost participation request. Per City Cost Participation requirements, both City Staff and Upham Inc. have verified that these prices are fair and reasonable and in-line with current industry pricing.

Funds are currently available in City Cost Participation Project UCP001 and Sewer System Rehabilitation URH001 to pay for this necessary capital improvement. We recommend approval of this funding request of an amount not to exceed \$346,250 at this time. /

ATTACHMENTS: Ordinance Resolution Budget Resolution

Other Support Documents/Contracts Available for Review in Public Utilities Office

DEPARTMENT HEAD		Fred W. Griffith, P.E.		Date	10/21/06
FINANCE DEPARTMENT		Approved as to Budget Requirements,		Date	10/9/06
CITY ATTORNEY	N/A	Approved as to Form and Legality		Date	N/A
CITY MANAGER		Approved Agenda Item For:			10/24/06

COUNCIL ACTION: Approved as Recommended Disapproved Tabled Indefinitely
 Continued to Date Certain Approved with Modification:

MASCI CORPORATION

GENERAL CONTRACTORS

5752 S. RIDGEWOOD AVE., HARBOR OAKS, FL 32127
Tel. (386) 322-4500 : FAX (386) 322-4600

City of Port Orange
Reed canal Road Service Main

Alternative

1	10" PVC C900	3850 LF	\$42.00	\$161,700.00
2	10" G.V.	1 EA	\$2,100.00	\$2,100.00
3	8" G.V.	2 EA	\$1,500.00	\$3,000.00
5	8" Insert -a- Valve	1 EA	\$7,500.00	\$7,500.00
5	6" G.V.	1 EA	\$900.00	\$900.00
6	Connection @ Clyde Morris	1 EA	\$15,500.00	\$15,500.00
7	10x10x6 Connection	1 EA	\$5,000.00	\$5,000.00
8	10x10x8 Connection If the Onsite & Offsite work are done simultaneously then this connection will not be needed.	1 EA	\$5,000.00	
9	6" PVC	20 LF	\$50.00	\$1,000.00
10	Abandon Existing 6" FM Vac Truck by City	1 LS	\$2,000.00	\$2,000.00
11	MOT	1 LS	\$1,000.00	\$1,000.00
12	Open Cut Asphalt(Clyde Morris only)	14 SY	\$50.00	\$700.00
13	Rem. & Rep. Sidewalk (REED CANAL & CLYDE MORRIS)	15 SY	\$40.00	\$600.00
14	Bahia Sod	8500 SY	\$3.50	\$29,750.00
15	Driveway Asphalt Restoracion	4 ea	\$3,000.00	\$12,000.00
Total Alt. Bid				\$242,750.00

Below is the quote for the onsite
Force Main

0310	8" C-900 PVC Force Main			
	8" PVC FM	\$38.16	2280 LF	\$87,000.00
	Tie Into existing FM	\$7,000.00	1 EA	\$7,000.00
	8" Gate Valves	\$1,000.00	2 EA	\$2,000.00
	Pig Launcher	\$7,500.00	1 EA	\$7,500.00
Total Onsite Force Main				\$103,500.00

As-Builts are Included



Upham, Inc.

Consulting Engineers, Surveyors & Landscape Architects

P.O. Box 1105 • 265 Kenilworth Avenue • Ormond Beach, Florida 32174
(386) 672-9515 • FAX (386) 673-6554 • LB# 0003612 • LC# 0000357
Visit us at: www.uphaminc.com

October 3, 2006

Mr. Fred Griffith, P.E.
Public Utilities Engineer
City of Port Orange
1000 City Center Circle
Port Orange, Florida 32129

**Re: City Cost Participation Request for Masci Construction
Reed Canal Road and Legacy Apartments Phase 2
Sewer Force Main**

Dear Mr. Griffith:

Roger Strcula and I have reviewed the Masci Corporation bid proposal for the proposed City of Port Orange sewer force main along Reed Canal Road and through the Legacy Apartments Phase II project and find it to be acceptable. I recommend approval of Masci Corporation's bid in the amount not to exceed \$346,250 for this project.

Should you have any questions or need additional information, please feel free to call.

Sincerely,

Upham, Inc.



Harry Newkirk, P.E.
Project Manager