



CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE 5-02-06

SUBJECT: City Cost Participation Request for Royal Palm III.

DEPARTMENT: PUBLIC UTILITIES

RECOMMENDED MOTION: To approve City Cost Participation in an amount not to exceed \$63,897.00 for water main and reclaimed water main upsizing in Royal Palm Phase III to the firm of Winston-James Construction, Inc.

SUMMARY: The developer of Royal Palm, Winston-James Construction, Inc., and his engineer, Zev Cohen, and Associates have recently modified their utility system design in conjunction with their project at the city's request in order to interconnect their existing water and reclaimed water systems with Crane Lakes to the south. These system upsizings are specifically outlined as being eligible for City Cost Participation under the general guidelines of Chapter 11 of the LDC. These proposed improvements will reinforce utility systems for future developments to the west.

An engineering cost estimate prepared by Zev Cohen and Associates supports the requested amount. We have determined that this funding request is fair and reasonable when compared with current industry standards. We recommend approval of this funding request at this time. Funding for these improvements is currently available in the City Cost Participation Project # UCP001.

ATTACHMENTS: Ordinance Resolution Budget Resolution

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

DEPARTMENT HEAD	<i>[Signature]</i>	Mary L. Kronenberg	Date 4/17/06
FINANCE DEPARTMENT	<i>[Signature]</i>	Approved as to Budget Requirements	Date 4/21/06
CITY ATTORNEY	<i>[Signature]</i>	Approved as to Form and Legality	Date N/A
CITY MANAGER	<i>[Signature]</i>	Approved Agenda Item For:	5/2/06

COUNCIL ACTION:

<input checked="" type="checkbox"/> Approved as Recommended	<input type="checkbox"/> Disapproved	<input type="checkbox"/> Tabled Indefinitely
<input type="checkbox"/> Continued to Date Certain	<input type="checkbox"/> Approved with Modification:	



**ZEV COHEN
& ASSOCIATES, INC.**

Ormond Beach • St. Augustine • Amelia Island

55 Seton Trail
Ormond Beach, Fl. 32176
386-677-2482 • Fax: 386-677-2505
E-mail: ZevCohen.com

RECEIVED

VIA FACSIMILE/U.S.MAIL

(386/756-5370)

APR 12 2006

April 10, 2006

CITY OF PORT ORANGE
PUBLIC UTILITIES

Mr. Fred Griffith, P.E.
City of Port Orange
1000 City Center Circle
Port Orange, Florida 32127

RE: Royal Palm P.U.D. Phase 3
Cost Participation Utility Upsizing
ZC 99137

Dear Fred:

Per the request of the City of Port Orange Public Utilities office, we are formally submitting an itemized listing of additional costs associated with upsizing various utility mains through the Royal Palm P.U.D. Phase 3 project located in Port Orange, Fl. The purpose of this submittal is to request cost participation increased by the City for the administrative, design and construction costs associated with this upsizing.

More specifically, enclosed is an Opinion of Cost that illustrates the differences in construction costs for upsizing water mains and reclaimed water mains. The anticipated fees required to revise calculations, change the Final Engineering Plans, coordinate the approvals, revise permits, cover additional interest, legal and insurance fees, etc. are also shown on the enclosed cost estimate. The total requested purchase order is \$63,897,00. If these costs meet with your approval, please present this package to City Council for their review and approval.

As you are aware, this is the third and final phase of this development. The two previous phases also participated in the upsizing program. We appreciate the City's continued support for this project.

Should you have any questions, please feel free to contact me.

Sincerely,
ZEV COHEN & ASSOCIATES, INC.

M. Dwight DuRant, P.E.
As President

MDD/car
99137419

cc: Winston Schwartz, w/enc. (766-2500)
Jamie Adley, w/enc.
Joe Weber, Jr., w/enc.
Samuel C. Hamilton, P.E.



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Water Distribution System

A. Upsizing	Quant.	Unit Cost Differential	Cost Differential
1. Main (8" to 12")	930LF @	\$18.40	\$17,112.00
2. Valves (8" to 12")	3EA @	1090	\$3,270.00
3. Tee (8" 12")	2EA @	290	\$580.00
4. Temp Jumper & Blowoff 1	EA @	107	\$107.00
B. Off-Site Work	Quant.	Unit Cost Differential	Cost Differential
1. Main (12")	20LF @	\$40.20	\$804.00
2. Connect 10 Existing	1EA @	\$800.00	<u>\$800.00</u>
		Subtotal	\$22,673.00

Reclaimed Water Distribution System

A. Upsizing	Quant.	Unit Cost Differential	Cost Differential
1. Main (8" to 12")	850LF @	\$19.30	\$16,405.00
2. Valves (8" to 12")	3EA @	\$1,090.00	\$3,270.00
3. Tee (8" to 12")	2EA @	\$290.00	\$580.00
4. Blowoff (8" to 12")	1EA @	\$87.00	\$87.00
B. Off-Site Work	Quant.	Unit Cost Differential	Cost Differential
1. Main (12")	40LF @	\$47.30	\$1,652.00
2. Valve (12")	1EA @	\$2,230.00	\$2,230.00
3. Tapping Sleeve & Valve (12")	1EA @	\$8,500.00	\$8,500.00
4. Gas Main Crossing	1EA @	\$3,000.00	<u>\$3,000.00</u>
		Subtotal	\$35,724.00

Soft Costs

1. Engineering Fees			
a. Non Professional	20HR @	\$75.00	\$1,500.00
b. Professional	20HR @	\$125.00	\$2,500.00
c. Reimbursables	1LS	\$500.00	\$500.00
d. Survey	1LS	\$1,000.00	<u>\$1,000.00</u>
		Subtotal	\$5,500.00

Total **\$63,897.00**

99137420

[Handwritten signature]
4/10/06