

CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE 01/17/2006

Subject:	Cambridge Basin Dr Construction Phase.	ainage Improvements – Engineeri	ng Fees —
Department:	Public Works.		
Recommended	Motion:		•
Staff recommends Hampton Associa Drainage Improve	tes Inc. for engineering f	hase order for the amount of \$325 ees associated with construction p	,000.00 to Quentin hase of Cambridge
Summary:			
construction phase	se of the Cambridge Basis d Devonwood area). As:	mitted an estimated cost of engine in Drainage Improvements project shown on letter attached, total fees ount #41518005416397, Project Di	s should not exceed
Attachments: [X] Other [QLHA Letter.	[] Ordinance [] Support Documents/Co] Resolution [] Budget Resontracts Available for Review in M	solution Ianager's Office
Department l	Head Man	Submitted 220	Date /2/9/05
Finance Depa	artment of Ah A	Approved as to Budget Requirements	Date 12/9/05
City Attorne		Approved as to Form and Legality	Date
City Manage	er W	Approved Agenda Item For	Date 1 17 0 6
COUNCIL A	ACTION: [] Approv	ed as Recommended [] Dis	sapproved
[] Tabled Inde	finitely Continued	to Date Certain [] Appro	ved with Modification

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MEMORANDUM

TO:

Kenneth W. Parker

DATE: December 9, 2005

City Manager

FROM:

Warren Pike

Public Works Director

SUBJECT:

Agenda Item for January 17, 2005

Please place approval of engineering fees for the Cambridge Basin Drainage Improvements (construction phase) on the January 17th Council Agenda.

Commentary

Quentin Hampton Associates has submitted a letter for estimated engineering fees associated with the construction phase of Part A-Cambridge Canal Basin North Area, Part B-Cambridge Canal Basin South Area and Part C-Devonwood drainage improvements. As shown on the letter attached, total fees should not exceed \$325,000.00. Funds are available in Account #41518005416397, Project #DIP002.

Recommendation

Staff recommends approval of Quentin Hampton Associates engineering fees for construction phase of Cambridge Basin Drainage Improvements (North, South, Devonwood areas) for a cost not to exceed \$325,000.00.

Quentin L. Hampton Associates, Inc. Consulting Engineers P.O. DRAWER 290247 PORT ORANGE, FLORIDA 32129-0247

TELEPHONE 386/761-8810 FAX # 386/761-3977 Email: qlha@qlha.com

Ni ON

November 21, 2005

Mr. Warren Pike Director of Public Works City of Port Orange 1000 City Center Circle Port Orange, FL 32119

CAMBRIDGE CANAL BASIN NORTH, SOUTH & DEVONWOOD DRAINAGE IMPROVEMENTS BID NO. B05-26, SRF NO. SW72515S CITY OF PORT ORANGE, FLORIDA

Dear Warren:

We are pleased to present this engineering fee estimate for construction phase of this project. We have estimated the number of inspection hours that may be required. The "intent", as always, will be to have an inspector present and involved when critical work is being performed. The estimated fees are as follows:

Total	\$325,000.00
Miscellaneous Expense (As-Built preparation/printing, etc.)	<u>\$ 2,415.00</u>
Construction Services Supervisor @ 2 hrs/wk for 56 wks @ \$55/hour	\$ 6,160.00
Construction Observation (Two Inspectors) @ 8 hrs/day for 13 mos x 22 days/mo @ \$50/hour	\$228,800.00
Construction Contract Administration @ 2.1% of \$4,172,539	\$ 87,623.00

We budgeted inspector time anticipating that the Contractor may be working in several areas simultaneously. As always, we will invoice the actual time spent by inspectors on the project. If this is acceptable, please issue a purchase order for the construction administration and inspection of this project. Please call if there are questions or additional information required.

Sincerely, QUENTIN L. HAMPTON ASSOCIATES, INC.

Andrew M. Giannini, P.E.

Project Manager

Mark A. Hampton, P.E. Vice President

AMG:kl

cc: QLH Billing and Project Files

PROPOSED QLHA CAMBRIDGE DRAINAGE PROJECT INSPECTION SERVICES

Normally QLHA attempts to inspect a project with the appropriate level of man power depending on the known reputation of the Contractor and dependant on the number of locations a Contractor is working at a given time. Additionally, when the project is more complex (deep large storm sewers) more inspection is normally provided to minimize safety issues and citizens complaints and to insure prompt restoration. At the project preconstruction meeting, the Contractor stated that they would be running two pipe crews, one at the Parkwood area with the 60" diameter storm sewer and one crew at the Devonwood Pond area, hence two inspectors are recommended. When they are only working on one area, we attempt to provide and invoice for only a single inspector.

QLHA provides inspection services at the levels authorized by our clients. If the City of Port Orange desires to obtain the quality of construction expected and minimize citizen complaints and given our prior experience with this Contractor on a similar stormwater project for the City of Holly Hill, we do not recommend reducing the inspection effort on this project. As always, it is the City's responsibility to decide what level of construction quality and what level of inspection is adequate for any given project and QLHA respects whatever decision the City makes.