

CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE

October 7, 2008

SUBJECT: Addendum #72 to Engineering Services Contract with Quentin L. Hampton **DEPARTMENT:** Public Utilities

RECOMMENDED MOTION: To approve Contract Addendum No. 72 with the firm of Quentin L. Hampton Associates, Incorporated (QLH) pertaining to engineering services, and authorize the Mayor and City Manager to execute the associated contract documents.

SUMMARY: This addendum authorizes the engineering design and construction phase services for the following projects: (a) Nixon Lane Area West Utility Improvements including both the extension of sanitary sewer service to unserved parcels and the replacement of aging and deficient potable water distribution systems in the vicinity (which includes portions of Sugar Forest); (b) Potable and Reclaimed Water Distribution System Replacement consisting primarily of replacing aging service laterals throughout the service area; (c) Reclaimed Water Plant Sludge Press Building Replacement; and (d) Sewage Pump Station Replacements throughout the service area.

Each of the referenced projects is listed in the Capital Improvement Plan for FY09-FY14. Funding for engineering aspects of the projects are as follows: Nixon Lane Improvements funded in Sewer System Extensions UET002; Water Distribution System Replacement funded in URP001; RWP Sludge Press funded in Sewer Plant Replacements SSP002; and Sewage Pump Station Replacements funded in R&R Lift Stations SLS002.

ATTACHMENTS:	[] Ordinance	[] Resolution	ı [] Budget Ro	esolution
[X] Other [X] Sup	port Documents/C _j	øntracts Availabl	e for Review in Publ	ic Utilities
DEPARTMENT HE	AD Konson	submitted		Date 9-19-08
FINANCE DEPART	MENT &	Approved as to Bud	dget Requirements	Date 912248
CITY ATTORNEY	V _{N/A}	Approved as to For	mand Legality	Date N/A
CITY MANAGER	(W	Approved Agenda İ	tem For:	10/7/08
COUNCIL ACTION	: [] Approved as		[] Disapproved	[] Tabled Indefinitely

ADDENDUM NUMBER 72 TO AGREEMENT DATED FEBRUARY 14, 1980 BETWEEN CITY OF PORT ORANGE AND QUENTIN L. HAMPTON ASSOCIATES, INC.

	BETWEEN CITY OF PURI URANGE AND	D QUENTIN	L. HAMIFTON ASSOCIATES, INC.
Associ	By Agreement made and entered into this range, Volusia County, Florida, hereinafter calle lates, Inc., a Florida corporation having its office of the second part.	ed the "City".	party of the first part and Quentin L. Hampton
	WIT	NESSETH	
Engine	The City and Engineers mutually agree to ameeers made and entered into on February 14, 1980	end and add to the following:	that certain Agreement between the City and
1.	The Engineers shall provide engineering servi Improvement Plan (CIP) FY09-FY14:	ices for the fo	llowing projects listed in the adopted Capital
	 a) Nixon Lane Area West Utility Improver b) Potable and Reclaimed Water Distributi c) Reclaimed Water Plant Sludge Press Bu d) Sewage Pump Station Replacement thro 	on System Rep iilding	placement
	Engineering services shall include: civil, stormand specification preparation; permitting; bid inspection services. The Engineers shall be confebruary 14, 1980 Agreement between Quentin	dding assistan Impensated as	ce; construction contract administration and described in Article III subparagraph A of the
2.	The City will reimburse the Engineers for subco	onsultant costs	and printing costs.
3.	The City will compensate the Engineers for applicable during the course of this project.	any sales ta	x on professional services that may become
4.	The parties acknowledge that all other terms, p and all additions thereto not amended or cha ratified and reaffirmed by the parties hereto.	provisions and anged by the	conditions of the aforesaid original Agreement provisions of the Addendum are republished,
above.	IN WITNESS HEREOF the parties have m	ade and execu	ited this Addendum the day and year written
ATTE	ST:	CITY	OF PORT ORANGE, FLORIDA
	,	By Title QUEN	Allen Green Mayor TIN L. HAMPTON ASSOCIATES, INC.
YNU	lus Sain	Ву	Mark A. Hampton, P.E.

Title President

RICHARD W. FERNANDEZ, P.E. MARK A. HAMPTON, P.E. BRAD T. BLAIS, P.E. DAVID A. KING, P.E. ANDREW M. GIANNINI, P.E.

Quentin L. Hampton Associates, Inc. Consulting Engineers

P.O. DRAWER 290247 PORT ORANGE, FLORIDA 32129-0247

386/761-6810 FAX # 386/761-3977 Email: qlha@qlha.com

September 12, 2008

PUBLIC UTILITIES

Roger M. Smith, P.E. Public Utilities Director City of Port Orange 1000 City Center Circle Port Orange, FL 32129

> **NIXON LANE AREA IMPROVEMENTS** INCLUDING SUGAR FOREST

Dear Roger,

Enclosed please find per your request our firm's estimate of fees for the above referenced project. Should you have any questions or require additional information, please feel free to contact us.

Sincerely,

QUENTIN L. HAMPTON ASSOCIATES, INC.

Mark A. Hampton, P.E

President

Brad T. Blais Vice President

Cc: Fred Griffith, P.E., City of Port Orange

CITY OF PORT ORANGE NIXON LANE AREA IMPROVEMENTS INCLUDING SUGAR FOREST PRELIMINARY ESTIMATE OF PROJECT COSTS

Construction Cost:

\$1,310,025.00

Contingency @ 10%+/-

\$ 131,002.50

Engineering Design Phase:

\$ 85,952.00

Engineering Construction Phase:

\$ 155,541.00

Total:

\$1,682,520.50

NOTE:

For Nixon Lane Area

Includes 8" water interconnection with Sugarplum Lane, Biro Drive water main replacement and Nixon Lane water line from Christy Drive to Jackson Street.

For Sugar Forest Area

Includes 8" water main line up grade from 6" to 8" diameter for fire protection with 6" diameter main lines on cul-da-sacs. Six (6) fire hydrants required to meet new 500' hose lay requirements. Project proposed as directional drilled to minimize restoration costs. All services to be replaced. Old line to be abandoned in place.

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting EngineersSeptember 12, 2008

CITY OF PORT ORANGE NIXON LAND AREA IMPROVEMENTS INCLUDING SUGAR FOREST CONSTRUCTION ESTIMATE

Nixon Lane Area

ITEM#	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE
	SEWER				
	Manholes	8	EA	\$5,000.00	\$40,000.00
	8" Sewer	1,900	LF	\$85.00	\$161,500.00
	4" Service	25	EA	\$800.00	\$20,000.00
	Televise (internal)	1	LS	\$8,000.00	\$8,000.00
	Smoke Test	1	LS	\$4,000.00	\$4,000.00
	WATER				
	Tie-In	4	EA	\$3,000.00	\$12,000.00
	8" PVC (C-900)	3,150	LF	\$25.00	\$78,750.00
	Fire Hydrant	8	EA	\$5,000.00	\$40,000.00
	Services	48	EA	\$600.00	\$28,800.00
	Cut-Overs	48	EA	\$150.00	\$7,200.00
	Temporary 2" Water Jumper	1	LS	\$25,000.00	\$25,000.00
	6" A/C Pipe Removal	2,500	LF	\$10.00	\$25,000.00
	8" HDPE Directional Drill	225	LF	\$70.00	\$15,750.00
	8" Tapping sleeve and 8" Valve	1	EA	\$5,000.00	\$5,000.00
	6" Cut-in-Valve	1	LS	\$2,500.00	\$2,500.00
	6" Tapping sleeve and 6" tapping valve	2	EA	\$4,000.00	\$8,000.00
	PAVING				
	1 1/4" A/C with 6" base and Milling	5,700	SY	\$35.00	\$199,500.00
,	8" Concrete Driveway	675	SY	\$50.00	\$33,750.00
	Sod	7,800	SY	\$4.00	\$31,200.00
	1 1/4" overlay (Biro Drive)	1,500	SY	\$8.00	\$12,000.00
	MISCELLANEOUS				
	Flygt Pump Station	1	LS	\$150,000.00	\$150,000.00
	General Conditions As-Builts Etc.	111	LS	\$75,000.00	\$75,000.00
	ESTIMATED PRELIMINARY CONSTRUCT	TION COSTS			\$982,950.00

Sugar Forest Area

ITEM#	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE
	Water Service (short)	40	EA	\$500.00	\$20,000.00
	"Mole" Services (long)	41	EA	\$1,000.00	\$41,000.00
	Cut-Over Service	81	EA	\$175.00	\$14,175.00
	Fire Hydrant Assembly	6	EA	\$5,000.00	\$30,000.00
	6" Tapping Sleeve w/ 6" tapping valve	3	EA	\$4,000.00	\$12,000.00
	8" PVC (Certa-Loc) Directional Drill	2,000	LF	\$75.00	\$150,000.00
-	6" PVC (Certa-Loc) Directional Drill	650	LF	\$50.00	\$32,500.00
	6" Gate Valve	3	EA	\$800.00	\$2,400.00
	Cap and Abandon Old Line	1	LS	\$5,000.00	\$5,000.00
	General Conditions, Record Drawings, Etc.	1	LS	\$20,000.00	\$20,000.00
	ESTIMATED PRELIMINARY CONSTRUCTION	COSTS			\$327,075.00
	ESTIMATED PRELIMINARY CONSTRUCTION	COST F	OR PR	OJECT	\$1,310,025.00

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting EngineersSeptember 12, 2008

CITY OF PORT ORANGE NIXON LAND AREA IMPROVEMENTS INCLUDING SUGAR FOREST

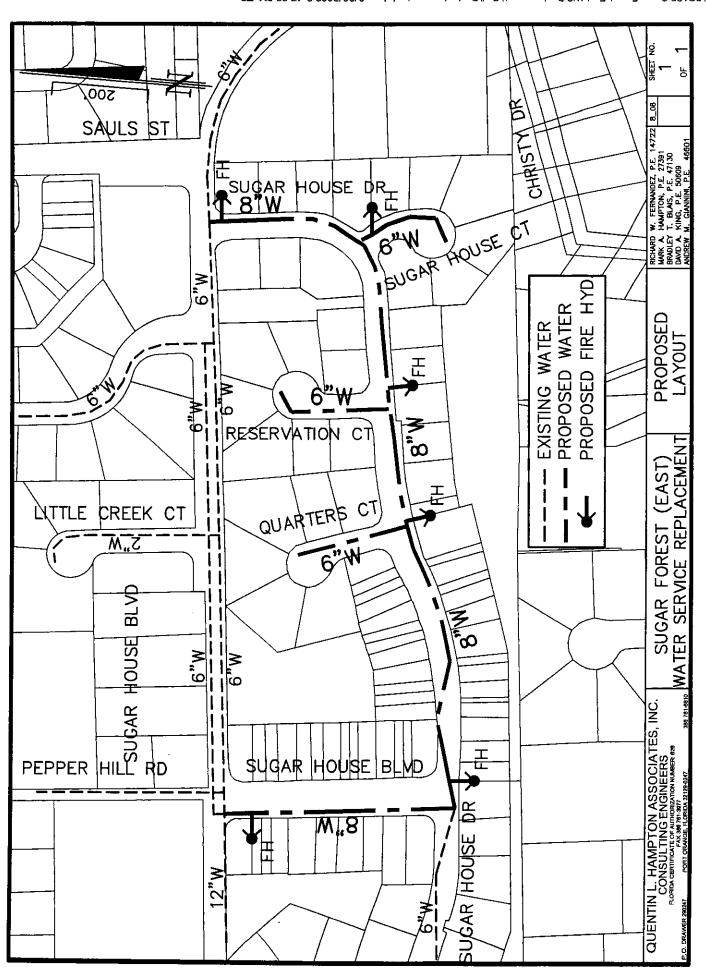
PROPOSED ENGINEERING FEES

Design Phase	
4.5% x (\$982,950 + \$327,075)	\$58,952.00
Survey Allowance + ROW Validation	\$16,500.00
Soils Report Allowance	\$4,000.00
Permits Allowance	\$1,500.00
Printing Allowance	\$5,000.00
TOTAL	\$85,952.00

Construction Phase	
Construction Admin 2.2% x \$1,310,025	\$28,821.00
Construction Representation (FY 2010 estimate rate) 12 mo x 8 hrs/day x 22 days/mo x \$60.00/hr	\$126,720.00
Total	\$155,541.00

Note: If Florida Sales Tax becomes due on professional services, the City shall reimburse QLH for the additional sales tax cost.

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting EngineersSeptember 12, 2008



RICHARD W. FERNANDEZ, P.E. MARK A. HAMPTON, P.E. BRAD T. BLAIS, P.E. DAVID A. KING, P.E. ANDREW M. GIANNINI, P.E.

Quentin L. Hampton Associates, Inc. Consulting Engineers P.O. DRAWER 290247

P.O. DRAWER 290247 PORT ORANGE, FLORIDA 32129-0247 RECEIVED 300

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CITY OF PORT ORANGE PUBLIC UTILITIES

September 17, 2008

Roger M. Smith, P.E Public Utilities Director City of Port Orange 1000 City Center Circle Port Orange, FL 32129

WATER SERVICE REPLACEMENT 2009

Dear Roger,

Enclosed please find per your request our firm's estimate of fees for the above referenced project. Should you have any questions or require additional information, please feel free to contact us.

Sincerely, QUENTIN L. HAMPTON ASSOCIATES, INC.

Mark A. Hampton, P.E.

President

Andrew M. Giannini, P.E.

Project Manager

Cc: Fred Griffith, P.E., City of Port Orange

CITY OF PORT ORANGE WATER SERVICE REPLACEMENT 2009 PRELIMINARY ESTIMATE OF PROJECT COSTS

Construction Cost: \$283,000

Contingency: \$260

Engineering Design Phase: \$8,500

Engineering Construction Phase: \$58,240

Total: \$350,000

NOTE: All new services to be 1" poly for doubles and singles

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC.
-Consulting EngineersSeptember 17, 2008

CITY OF PORT ORANGE WATER SERVICE REPLACEMENT 2009

PROPOSED ENGINEERING FEES

Design Phase	
5.3% X ½ (Discount) x\$283,000	\$7,500.00
Survey Allowance (r/w validation)	N/A
Permits Allowance	N/A
Printing Allowance	\$1,000.00
TOTAL	\$8,500.00

Construction Phase	
Construction Admin 2.7% x \$283,000	\$7,640.00
Construction Representation (FY 2009 estimated rate) 5 mo x 8 hrs/day x 22 days/mo x \$57.50/hr	\$50,600.00
Total	\$58,240.00

Note: If Florida Sales Tax becomes due on professional services, the City shall reimburse QLH for the additional sales tax cost.

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting EngineersSeptember 17, 2008

CITY OF PORT ORANGE WATER SERVICE REPLACEMENT 2009 CONSTRUCTION ESTIMATE

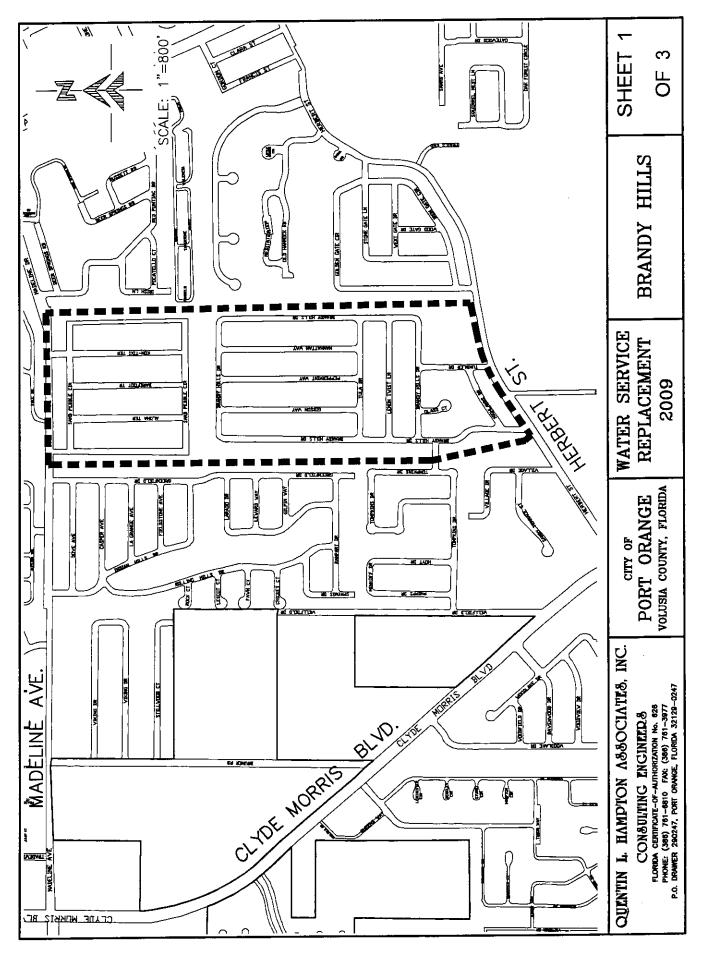
Number of Homes	Area	Number of Water Services
270	Brandy Hills Area Services	135
176	Cypress Court Area Services	88
68	Riverwood PUD (unit 2) Alternate Bid Area Services	34
-	Estimated Single Services (All Areas)	8
	Total Services	265

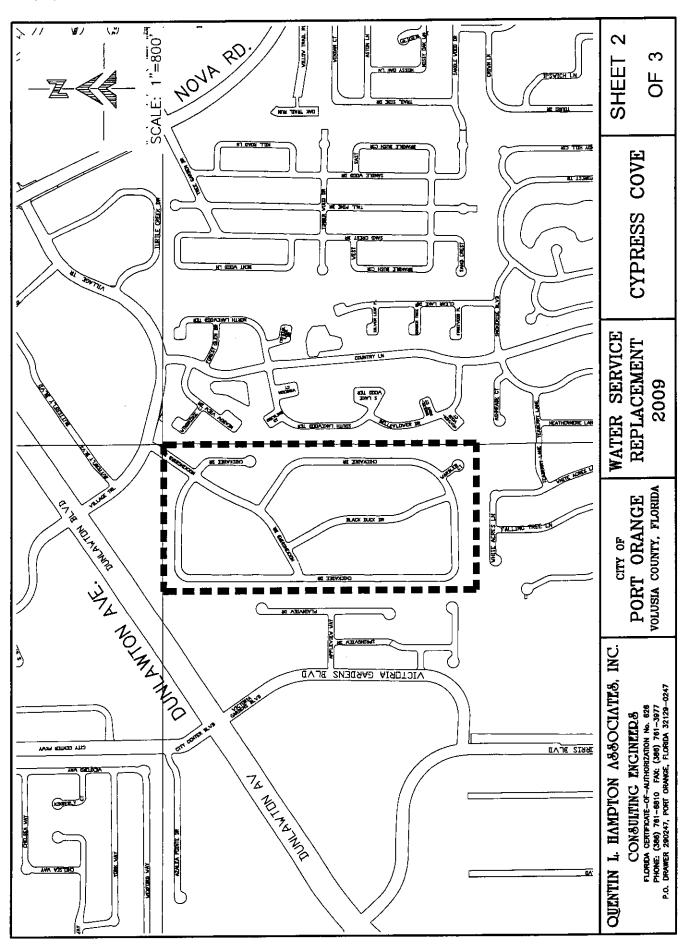
Item	Description	Quantity	Unit	Unit Price	Total Price
1	1" Water Service Tubing (with sidewalk service includes sodding of disturbed area	265	EA	\$1,025	\$271,625
2	6" "Fibercrete" Concrete Driveways	150	SY	\$40	\$6,000
3	4" Concrete Sidewalk Existing Broken Areas	100	SY	\$30	\$3,000
4	Ground Penatrating Radar Allowance	1	LS	\$2,375	\$2,375

Estimated Construction Cost:

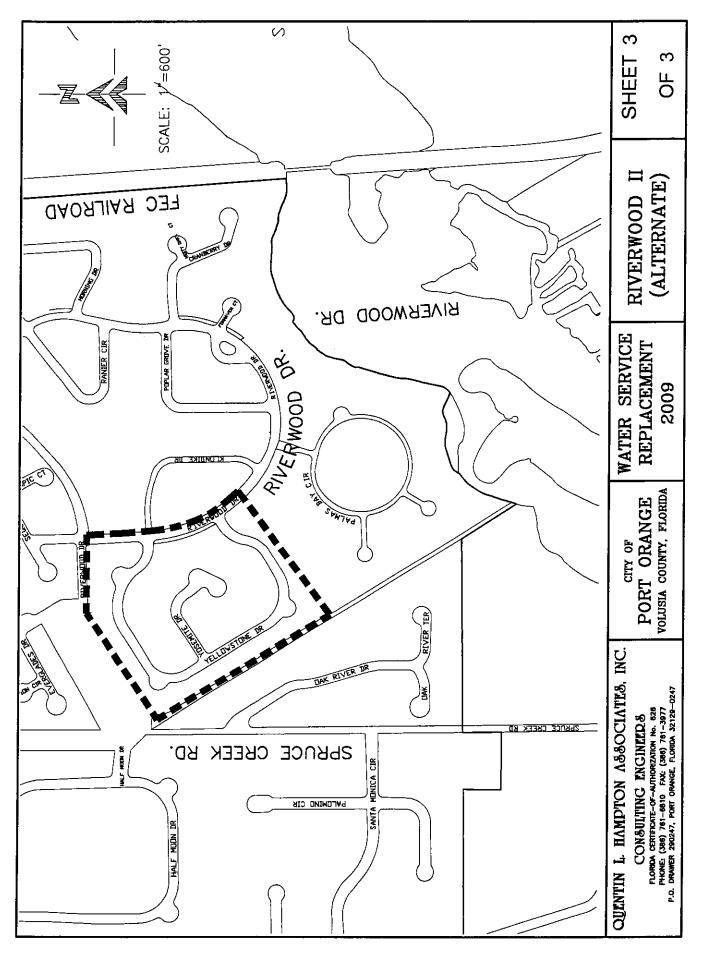
\$283,000.00

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC.
-Consulting EngineersSeptember 17, 2008





S:\PO\PO153 Spruce Creek RD Drainage Imp\Cad\Design\WTR_SERVICE_09.dwg, 9/17\2008 10:40:52, Panasonic DP-C354 Ver. 2 PCL6.pc3, PR.



RICHARD W. FERNANDEZ, P.E. MARK A. HAMPTON, P.E. BRAD T. BLAIS, R.E. DAVID A. KING, P.E. ANDREW M. GIANNINI, P.E.

Quentin L. Hampton Associates, Inc. Consulting Engineers P.O. DRAWER 290247

386/761-6810 FAX # 386/761-3977 Ernail: qlha@qiha.com

TELEPHONE

PORT ORANGE, FLORIDA 32129-0247

August 27, 2008

Roger M. Smith, P.E. Public Utilities Director City of Port Orange 1000 City Center Circle Port Orange, FL 32129

Reclaimed Water Plant
Sludge Press Building Shell
Super Structure Replacement/Code Upgrade

Dear Roger,

Enclosed please find per your request our firm's estimate of fees for the above referenced project. Should you have any questions or require additional information, please feel free to contact us.

Sincerely,

QUENTIN L. HAMPTON ASSOCIATES, INC.

Mark A. Hampton, P.E.

President

Brad T. Blais, P.E.

Vice President

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CITY OF PORT ORANGE PUBLIC UTILITIES

CITY OF PORT ORANGE RECLAIMED WATER PLANT SLUDGE PRESS BUILDING SHELL SUPER STRUCTURE REPLACEMENT/CODE UPGRADE PRELIMINARY ESTIMATE OF PROJECT COSTS

Construction Cost:

\$275,000.00

Contingency @ 10%+/-

\$ 27,500.00

Engineering Design Phase:

\$ 33,425.00

Engineering Construction Phase:

\$ 32,725.00

Total:

\$ 368,650.00

NOTE:

Building shell to be rebuilt and enclosed to Florida building code requirements using a galvanized frame with fiberglass reinforced composite (FRC) exterior panels. Provisions shall be made to install an odor control at a later date.

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting EngineersAugust 27, 2008

CITY OF PORT ORANGE RECLAIMED WATER PLANT SLUDGE PRESS BUILDING SHELL SUPER STRUCTURE REPLACEMENT/CODE UPGRADE

PROPOSED ENGINEERING FEES

Design Phase			
4.7% x \$275,000		\$19,925.00	
Structural Allowance	Ţ	\$8,000.00	
Soils Report Allowance		\$1,000.00	
Electrical Allowance		\$2000.00	
Permits Allowance	į	n/a	
Printing Allowance		\$2,500.00	
	TOTAL	\$33,425.00	

Construction Phase	
Construction Admin 2.7% x \$275,000	\$7425.00
Construction Representation	
(FY 2009 estimate rate)	\$25,300.00
5 mo x 4 hrs/day x 22 days/mo x \$57.50/hr	
Total	\$32,725.00

Note: If Florida Sales Tax becomes due on professional services, the City shall reimburse QLH for the additional sales tax cost.

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting EngineersAugust 27, 2008

CITY OF PORT ORANGE RECLAIMED WATER PLANT SLUDGE PRESS BUILDING SHELL SUPER STRUCTURE REPLACEMENT/CODE UPGRADE CONSTRUCTION ESTIMATE

ITEM#	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE
	Demolish Existing Building Shell	1	LS	\$5,000.00	\$5,000.00
	Replace Buiding Shell	1	LS	\$250,000.00	\$250,000.00
	Replace Electrical Fixtures, Etc. Attached to Shell	1	LS	\$20,000.00	\$20,000.00
	ESTIMATED PRELIMINARY CONSTRUCTION	N COSTS			\$275,000.00

Prepared by:
QUENTIN L. HAMPTON ASSOCIATES, INC
-Consulting EngineersAugust 27, 2008