

# HAZEN AND SAWYER

Environmental Engineers & Scientists

Hazen and Sawyer, P.C.  
999 Ponce de Leon Boulevard  
Penthouse 1150  
Coral Gables, FL 33134  
305 443-4001  
Fax: 305 443-4549

October 16, 2009

R. Alberto Delgado, P.E., Director  
Department of Public Works  
**CITY OF CORAL GABLES**  
2800 SW 72<sup>nd</sup> Avenue  
Miami, Florida 33155

## Old Cutler Road Force Main Replacement – PHASE IV Bid Recommendation

Dear Mr. Delgado:

Bids for the Old Cutler Road Force Main Replacement – PHASE IV (DPW 09-03) project were received and opened on October 15, 2009 at 2:00 P.M. Twelve prospective contractors submitted bids:

1. R&G Engineering, Inc.
2. Pabon Engineering, Inc.
3. Rock Power Paving, Inc.
4. Florida Engineering & Development
5. Solution Construction
6. Wrangler Construction
7. Horizon Contractors
8. Pasco Engineering
9. Dave Foot Environmental Construction
10. GMI Contractors, Inc.
11. Tran Construction
12. JVA Engineering

Hazen and Sawyer has reviewed the bids received for the above referenced project. Based on the information provided by the bidders and our findings, the lowest responsive bidder is R&G Engineering, Inc. in the amount of \$368,908.75 (corrected value), which is below the engineers construction cost estimate.

Hazen and Sawyer has contacted the references provided within the R&G Engineering, Inc. Bid documents. Each reference provided a positive statement on previous work conducted by contractor. Additionally, R&G Engineering, Inc. has a valid State of Florida Certified General Contracting license and Miami-Dade County Pipe Line/ Paving Engineering license, active insurance and adequate bonding limits. The contractor has been in service for 12 years and has per-

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R. Alberto Delgado, P.E.

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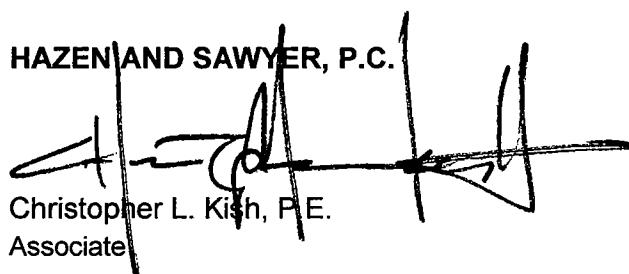
formed previous water and force main work within Miami-Dade County with positive results. A copy of all verification documentation is attached for your review.

On concurrence of your Legal Department, Hazen and Sawyer recommends that the bid submitted by R&G Engineering, Inc. be accepted and a contract in the amount of \$368,908.75.00 be awarded.

Should you have any questions, please call.

Very truly yours,

HAZEN AND SAWYER, P.C.

  
Christopher L. Kish, P.E.  
Associate

c. J. Kay (City of Coral Gables)  
F. Chiriboga (H&S)  
T. Fishbain (H&S)  
File 41057-008

**City of Coral Gables**  
**Old Cutler Road Force Main - PHASE IV**  
**Bid Opening Date: October 15, 2009**

Item No.	Quantity	Description	Unit Price	Total						
<b>BID ITEMS</b>										
1	3,325	Linear Feet								
		For selling, delivering and installing all necessary 12-inch C900 PVC pipe, including 6-inch C900 PVC lateral pipe and fittings located at approximately at Station 42+36 as shown on the Plans, restrained mechanical joint fittings, sewage combination air valves with manholes and covers, plug valves with valve boxes, and all appurtenances, the price per linear foot of:	\$68.00	\$226,100.00	\$45.25	\$150,456.25	\$60.00	\$199,500.00	\$37.00	\$123,025.00
2	3,325	Linear Feet								
		For complying with the State of Florida Trench Safety Act for Item 1 and 2, the price per linear foot of:	\$1.00	\$3,325.00	\$0.10	\$332.50	\$0.25	\$831.25	\$0.63	\$2,094.75
3	1,850	square yards								
		For furnishing all labor, material and equipment for constructing lime rock base for Type A permanent paving repairs over trench, the price per square yard of:	\$16.00	\$29,600.00	\$13.00	\$24,050.00	\$9.00	\$16,650.00	\$16.10	\$29,785.00
4	1,850	square yards								
		For furnishing all labor, material and equipment for constructing asphaltic concrete surface course for Type A permanent paving repairs, the price per square yard of:	\$14.00	\$25,800.00	\$13.50	\$24,975.00	\$12.00	\$22,200.00	\$12.60	\$23,310.00
5	5,825	square yards								
		For all material, labor and equipment for milling of 1-inch asphaltic concrete surface course for permanent paving repairs, the price per square yard of:	\$2.50	\$14,562.50	\$2.00	\$11,650.00	\$1.40	\$8,155.00	\$1.68	\$9,786.00
6	5,825	square yards								
		For furnishing all material, labor and equipment for constructing Type B permanent paving asphalt wearing surface overlay, including replacement of pavement marking temporary and/or permanent, the price per square yard of:	\$8.00	\$46,600.00	\$6.00	\$34,950.00	\$6.50	\$37,862.50	\$8.10	\$47,182.50
7	1	Aggregate Sum								
		For furnishing materials, labor and equipment for traffic maintenance and control as required by Miami Dade County Public Works, the aggregate sum price of:	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$3,279.00	\$3,279.00	\$1,700.00	\$1,700.00
8	1	Aggregate Sum								
		For furnishing and Maintaining automated message board equipment to supplement management of traffic requirements, the aggregate sum price of:	\$2,500.00	\$2,500.00	\$810.00	\$810.00	\$1,000.00	\$1,000.00	\$1,470.00	\$1,470.00
9	1	Aggregate Sum								
		For obtaining and providing the services of uniformed police officers as needed or as directed by the ENGINEER and Miami Dade County Public Works, the aggregate sum price of:	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$5,000.00	\$50,000.00	\$50,000.00	\$50,000.00
10	1	Allowance Account								
		For unforeseen conditions, for minor construction changes, and for quantity adjustments, if ordered by the Engineer, the sum of:	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
<b>CONTINGENT ITEMS</b>										
11	1	each								
		For furnishing, delivering and installing 12-inch DIP restrained mechanical joint 90 degree bend, complete, the price each of:	\$800.00	\$800.00	\$500.00	\$500.00	\$675.00	\$675.00	\$761.25	\$761.25
12	1	each								
		For furnishing, delivering and installing 12-inch DIP restrained mechanical joint 45 degree bend, complete, the price each of:	\$800.00	\$800.00	\$500.00	\$500.00	\$675.00	\$675.00	\$708.75	\$708.75
13	1	each								
		For furnishing, delivering and installing 12-inch DIP restrained mechanical joint 22.5 degree bend, complete, the price each of:	\$850.00	\$850.00	\$500.00	\$500.00	\$650.00	\$650.00	\$708.75	\$708.75
14	1	each								
		For furnishing, delivering and installing 12-inch restrained mechanical joint 11.25 degree bend, complete, the price each of:	\$850.00	\$850.00	\$500.00	\$500.00	\$650.00	\$650.00	\$719.25	\$719.25
15	1	each								
		For furnishing and installing 12-inch diameter plug valve, complete with valve box, extension shaft and combination centering identification plate, the price each of:	\$5,500.00	\$5,500.00	\$3,500.00	\$3,500.00	\$2,800.00	\$2,800.00	\$2,541.00	\$2,541.00
16	1	each								
		For furnishing and installing sewage combination air valve assemblies with attachments, including precast concrete structure, manhole and cover complete, the price each of:	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$3,200.00	\$3,200.00	\$2,700.00	\$2,700.00
17	800	Linear Feet								
		For installing trench overcut for any size pipe, in one-foot depth increments, the price per linear foot of:	\$3.00	\$2,400.00	\$0.10	\$80.00	\$1.00	\$800.00	\$0.50	\$400.00
18	800	Square Feet								
		For providing all labor, materials and equipment for installing special shoring required for Items 1 and other excavations, the price per square foot of:	\$5.00	\$4,000.00	\$0.10	\$80.00	\$1.00	\$800.00	\$1.00	\$800.00
19	250	Square Feet								
		For sheeting and shoring left in place as ordered by the Engineer, the per square foot of:	\$14.00	\$3,500.00	\$0.10	\$25.00	\$1.00	\$250.00	\$1.20	\$300.00
20	1	Aggregate Sum								
		For furnishing and placing flowable fill within the excavated trench line as a means of back fill in lieu of Bid Item No. 3, the aggregate sum price of:	\$63,212.50	\$63,212.50	\$6,000.00	\$6,000.00	\$25,000.00	\$25,000.00	\$80,718.75	\$80,718.75
21		Total								
		The total sum of Items 1 through 20, inclusive:		\$550,000.00		\$368,908.75		\$424,977.75		\$428,711.00

### Record of Phone Conversation

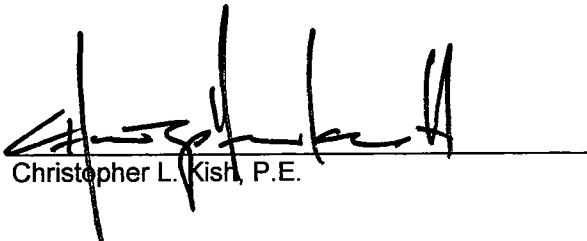
<b>DATE:</b>	October 15, 2009	<b>TIME:</b>	4:00 PM
<b>PROJECT No.:</b>	41057-008	<b>SUBJECT</b>	Phase IV Bid References
<b>RECORDED BY:</b>	Christopher L. Kish	<b>REPRESENTING:</b>	Hazen and Sawyer
<b>CALL TO:</b>	Nelson Cespedes	<b>REPRESENTING:</b>	MDWASD

#### **Details of conversation:**

I informed Mr. Cespedes that R&G Engineering , Inc. (R&G) was the low bidder for the City of Coral Gables Old Cutler Road Force Main Replacement Phase IV project. Also that he was listed as a reference within R&G's bid package.

Mr. Cespedes stated that R&G has performed multiple projects for the County with positive results. He stated that R&G had an excellent pipe crew. Mr. Cespedes asked what their bid price was, I informed him \$365K and that the second bidder was \$424K. He thought the bids were a little on the low side but is aware of the competitive nature that exists in today's market.

Mr. Cespedes stated he had no issue recommending R&G for work.



Christopher L. Kish, P.E.

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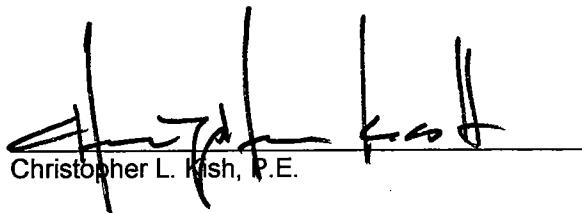
Hazen and Sawyer, P.C.  
999 Ponce de Leon Boulevard  
Penthouse 1150  
Coral Gables, FL 33134  
305 443-4001  
Fax: 305 443-4549

## Record of Phone Conversation

<b>DATE:</b>	October 16, 2009	<b>TIME:</b>	10:50 AM
<b>PROJECT No.:</b>	41057-008	<b>SUBJECT</b>	Phase IV Bid References
<b>RECORDED BY:</b>	Christopher L. Kish	<b>REPRESENTING:</b>	Hazen and Sawyer
<b>CALL TO:</b>	Ernesto Lopes	<b>REPRESENTING:</b>	Portland Construction

### **Details of conversation:**

I informed Mr. Lopes that R&G Engineering, Inc. (R&G) was the low bidder on a force main project in the City of Coral Gables, and that he was listed as a reference within the bid documents. He stated that R&G has worked as one of Portland Construction's site sub-contractors on several projects and they have done a good job. I asked if they had performed any pipe line work as a site sub-contractor. His response was yes, they had installed water mains and performed tie-ins as well the installation of drainage piping at several sites.



Christopher L. Kish, P.E.

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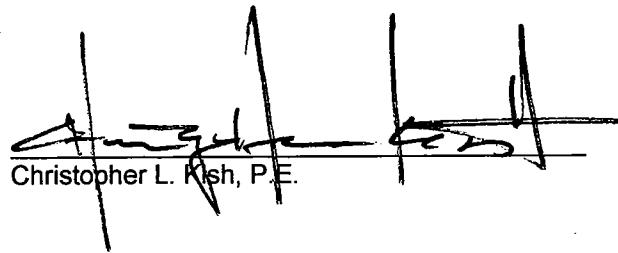
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## Record of Phone Conversation

<b>DATE:</b>	October 15, 2009	<b>TIME:</b>	4:15 PM
<b>PROJECT No.:</b>	41057-008	<b>SUBJECT</b>	Phase IV Bid References
<b>RECORDED BY:</b>	Christopher L. Kish	<b>REPRESENTING:</b>	Hazen and Sawyer
<b>CALL TO:</b>	Ivone Hernandez (Estimating)	<b>REPRESENTING:</b>	VPI

### Details of conversation:

I informed Mrs. Hernandez that R&G Engineering, Inc. (R&G) was the low bidder on a force main project within the City of Coral Gables. According to Ivone, VPI has worked with R&G on several projects. R&G performed well and VPI had no issues with the work that was performed. As such, she would recommend R&G for future work.



Christopher L. Kish, P.E.

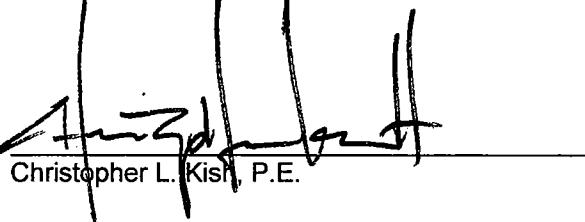
## Record of Phone Conversation

<b>DATE:</b>	October 16, 2009	<b>TIME:</b>	9:45 AM
<b>PROJECT No.:</b>	41057-008	<b>SUBJECT</b>	Phase IV Bid References
<b>RECORDED BY:</b>	Christopher L. Kish	<b>REPRESENTING:</b>	Hazen and Sawyer
<b>CALL TO:</b>	Alina Jimenez	<b>REPRESENTING:</b>	Scottsdale Insurance

### **Details of conversation:**

In informed Mrs. Jimenez that R&G Engineering, Inc. (R&G) was the low bidder on force main project within the City of Coral Gables. As such, I was calling to verify if R&G was in good standing with their insurance company and that the liability value of \$2,000,000 listed within the bid documents was correct.

Mrs. Jimenez stated that R&G's insurance policy is active and the limits of liability are \$2,000,000.



Christopher L. Kish, P.E.

## STATE OF Florida

3:55:14 PM 10/15/2009

## Licensee Details

## Licensee Information

Name:

**HERNANDEZ DIAZ, ULISES** (Primary Name)**R & G ENGINEERING INC** (DBA Name)

Main Address:

**27805 SW 165TH AVENUE****HOMESTEAD Florida 33031-2852**

County:

**DADE**

License Mailing:

LicenseLocation:

## License Information

License Type:

**Certified General Contractor**

Rank:

**Cert General**

License Number:

**CGC1515703**

Status:

**Current,Active**

Licensure Date:

**06/27/2008**

Expires:

**08/31/2010** ✓

## Special Qualifications

## Qualification Effective

**Construction Business****06/27/2008****Fingerprint (Construction  
Industry Licensing  
Board)****11/20/2008**[View Related License Information](#)[View License Complaint](#)[ [Terms of Use](#) | [Privacy Statement](#) ] ^

Start of Flaw DA

3:55:54 PM 10/15/2009

**Licensee Details****Licensee Information**

Name: **GARCIA, RAMON** (Primary Name)  
**R & G ENGINEERING INC** (DBA Name)  
Main Address: **4265 SW 75 AVE**  
**MIAMI Florida 33155**  
County: **DADE**

License Mailing:

LicenseLocation:

**License Information**

License Type: **Construction Financial Officer**  
Rank: **Fin Officer**  
License Number: **FRO3924**  
Status: **Current**  
Licensure Date: **12/24/2008**  
Expires:

**Special Qualifications      Qualification Effective**

**Fingerprint (Construction  
Industry Licensing  
Board)**      **11/04/2008**

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PAVING ENGINEERING  
PIPE LINE ENG  
QUALIFYING TRADE(S)

**CTQB**

Construction Trades Qualifying Board  
BUSINESS CERTIFICATE OF COMPETENCY

**E201801**

**R & G ENGINEERING INC**  
D.B.A.:

**GARCIA RAMON**

Is certified under the provisions of Chapter 10 of Miami-Dade County  
**VALID FOR CONTRACTING UNTIL 09/30/2011**

AC# 4435307

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# 109060901458

DATE	BATCH NUMBER	LICENSE NBR
06/09/2009	080519263	QB37608

The BUSINESS ORGANIZATION

Named below IS QUALIFIED

Under the provisions of Chapter 489 FS.

Expiration date: AUG 31, 2011

(THIS IS NOT A LICENSE TO PERFORM WORK. THIS ALLOWS  
COMPANY TO DO BUSINESS ONLY IF IT HAS A QUALIFIER.)  
R&G ENGINEERING INC  
4265 SW 75TH AVE  
MIAMI  
FL 33155

CHARLIE CRIST  
GOVERNOR

DISPLAY AS REQUIRED BY LAW

CHARLES W. DRAGO  
SECRETARY