

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
AGENDA ITEM SUMMARY

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Meeting Date:	October 20, 2015	Consent <input checked="" type="checkbox"/> [X]	Regular <input type="checkbox"/> [ ]
		Public Hearing <input type="checkbox"/> [ ]	
Department:	Water Utilities Department		

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I. EXECUTIVE BRIEF

**Motion and Title:** Staff recommends motion to approve: Contract with Electron Corp. of South Florida, for the Southern Region Water Reclamation Facility (SRWRF) Electrical and Instrumentation Improvements Project (Project) in the amount of \$1,756,788.


**Summary:** On July 29, 2015, one (1) bid was received to provide electrical and instrumentation improvements at SRWRF. Electron Corp. of South Florida was determined to be a responsive responsible bidder in the amount of \$1,756,788. This Project will provide electrical improvements to the aeration basins to control air flow, installation of gas detection meters on the anaerobic digesters, modifications to the existing electrical building to improve reliability and the installation of variable frequency drives (VFD's) to improve odor control. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. The contract with Electron Corp. of South Florida provides for SBE participation of 95% overall. Electron Corp. of South Florida is a Palm Beach County company. This project is included in the FY16 Capital Improvement Plan adopted by the Board of County Commissioners. (WUD Project No. 13-037) District 5 (MRE)

**Background and Justification:** The Project will result in the optimization of the aeration basin wastewater treatment and provide an estimated annual savings of \$150,000. The provision of digester gas detection meters is necessary to increase worker safety at SRWRF. The VFD's for the solids handling building odor control system will reduce energy consumption. The sole bid from Electron Corp. of South Florida is below the engineer's estimate. The Summary of Bid Irregularities for the bid proposal is detailed in Attachment 5.

**Attachments:**

1. Two (2) Original Contracts
2. Location Map
3. Engineer's Recommendation & Bid Tabulation Sheet
4. SBE Compliance Review
5. Summary of Bid Irregularities
6. Insured Summary Report from ITS

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Recommended By:		9-17-15
	Department Director	Date

Approved By:		10/5/15
	Assistant County Administrator	Date

## **II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2016	2017	2018	2019	2020
Capital Expenditures	<u>\$1,756,788</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$1,756,788</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

**Budget Account No.:** Fund 4011 Dept 721 Unit W010 Object 6545

Is Item Included in Current Budget?      Yes   X        No       

Reporting Category **N/A**

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

One (1) time expenditure from user fees, connection fees, and balance brought forward.

C. Department Fiscal Review: Delia M. West

### III. REVIEW COMMENTS

**A. OFMB Fiscal and/or Contract Development and Control Comments:**

Sheng Bu

*J. J. Jacobson*  
Contract Development and Control  
*BWhelm 2-24-15*

### B. Legal Sufficiency:

 9/30/15  
Assistant County Attorney

**C. Other Department Review:**

Purchasing Department Director

This summary is not to be used as a basis for payment.

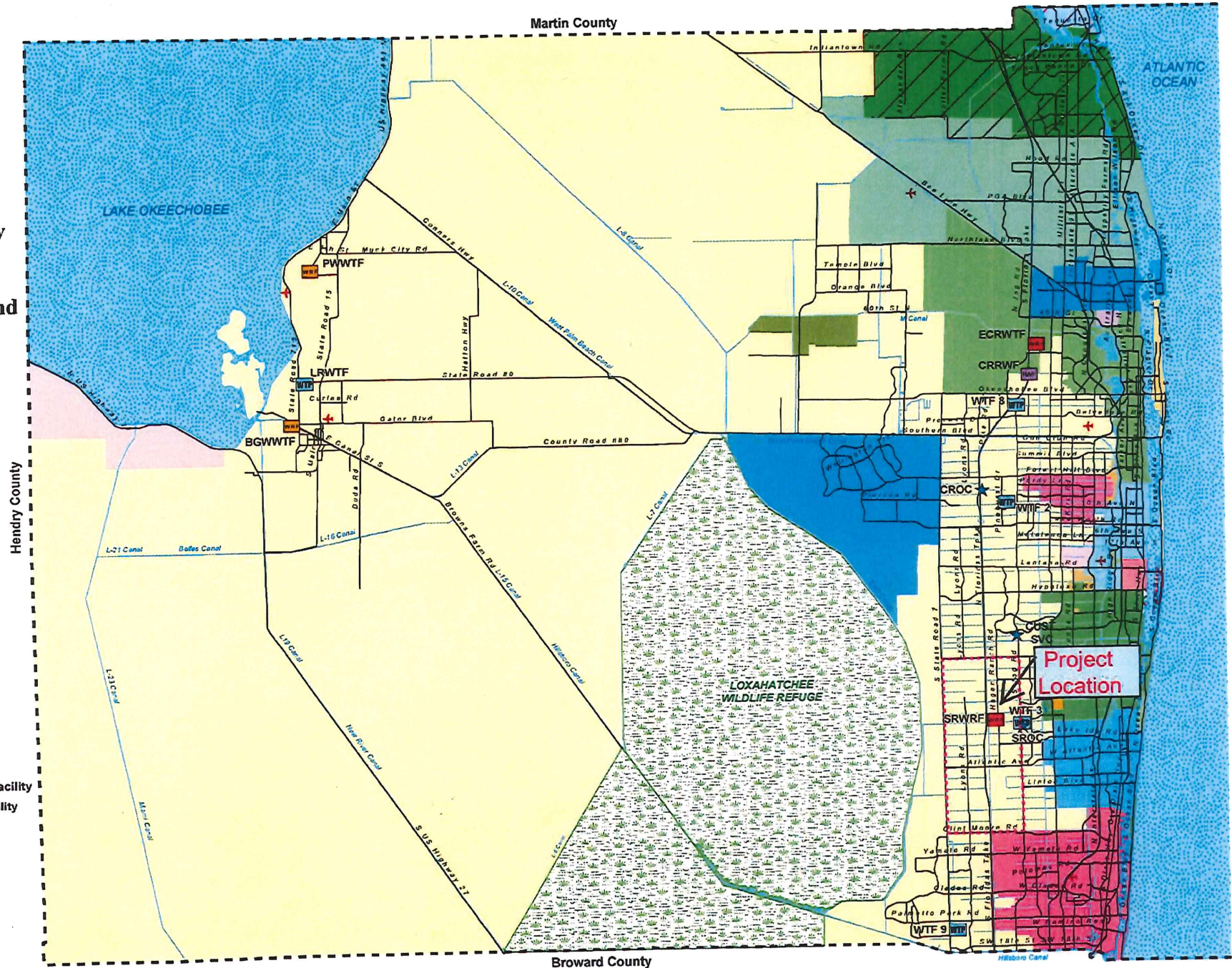


Palm Beach County  
Water Utilities  
Department  
Service Area (SA) and  
Major Facilities

Attachment 2

Legend

- ★ Administration
- Water Treatment Facility
- Reclamation Facility
- Wastewater Reclamation Facility
- Wastewater Treatment Facility
- Mandatory Reclaimed SA
- Palm Beach County Limits
- P.B.C.W.U.D. Service Area





# Inter-Office Memorandum

Attachment 3

Palm Beach County



Water Utilities Department

AUG 21 AM 8 31  
2015 AUG 13 PM 2 50

**DATE:** August 11, 2015

**TO:** Jim Stiles  
Director

**FROM:** Maurice Tobon, P.E. *mt*  
Director of Engineering

**RE:** Notice of Award Recommendation  
SRWRF Electrical and Instrumentation Improvements Project  
Project No. WUD 13-037

The bid opening for the above referenced project was held on Wednesday, July 29, 2015. A proposal was received from one (1) contractor. The complete Bid Tabulation is attached. The engineer's opinion of probable construction cost was \$1,800,000 for Bid Item Numbers 1 through 4. An evaluation of the bid is as follows:

1. The bidder, Electron Corp. of South Florida, provided properly executed Bid Forms in the Contract Documents.
2. Bid security equal to 5% of the total base bid was enclosed with the bid.
3. The bidder holds a valid state contractor's license. A copy of the license information for Electron Corp. of South Florida is included.
4. The bidder, Electron Corp. of South Florida is a local business. Electron Corp. of South Florida has Local Preference and has submitted a copy of the local business tax receipt, however the receipt was for 2014 and had expired. A search of the Tax Collector website shows the local business taxes have been paid for the current year. (See attached Palm Beach County Tax Collector receipt).
5. SBE-M/WBE Schedules #1 and #2 were provided. The bidder has met the 15% SBE goal established under the SBE Ordinance. The bidder, Electron Corp. of South Florida is SBE certified and has met the SBE goal for this project. (See attached OSBA evaluation).
6. The County Attorney (CAO) has reviewed the bid and Bid Review Comments for the bid. No major irregularities were identified. The CAO has advised that the business tax receipt was valid and paid at the time of bid submittal, therefore the requirements of Section 2.2 of the Instructions to Bidders have been satisfied. (See attached Bid Review Comments and email).

As a result of this evaluation we recommend Electron Corp. of South Florida as the successful, responsive, low bidder. Contract award is recommended to the lowest responsive bidder in the amount not to exceed \$1,756,788.00 subject to formal approval by the Board of County Commissioners. A copy of this notice has been emailed to all bidders and is posted at the bid opening location and will be left there for a minimum of five (5) business days.

c: Hassan Hadjimiry, P.E. Assistant Director  
Maurice Tobon, P.E. Director of Engineering  
Craig C. Williams, Assistant Director

Stephen McGrew, P.E. Plant Design Manager  
Ali Bayat, Deputy Program Manager  
Diana Rivera, P.E. Plant Design

**BID TABULATION**  
**Southern Region Water Reclamation Facility (SRWRF)**  
**PROJECT NO.: WUD 13-037**

				Electron Corporation
BID ITEM	DESCRIPTION	QUANTITY	UNIT	Total Amount
1	Aeration Basin Electrical Improvements	1	LS	\$1,353,227
2	Anaerobic Digesters Gas Safety Meters	1	LS	\$198,104
3	Electrical Building Reliability Modifications	1	LS	\$36,170
4	Solids Handling Building Odor Control Improvements	1	LS	\$169,287
TOTAL BID 1 to 4				\$1,756,788

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
ELECTRICAL CONTRACTORS LICENSING BOARD

LICENSE NUMBER

EC0002765

The ELECTRICAL CONTRACTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 489 FS  
Expiration date: AUG 31 2016

LAESSIG ALBERT  
ELECTRON CORP OF SOUTH FLORIDA  
127 RENAISSANCE CIRCLE  
JUPITER FL 33468



ISSUED: 07/20/2014

DISPLAY AS REQUIRED BY LAW

SEQ # L1407200002244



**ANNE M. GANNON**  
CONSTITUTIONAL TAX COLLECTOR  
*Serving Palm Beach County*

**Serving you.**

P.O. Box 3353, West Palm Beach, FL 33402-3353  
www.pbctax.com Tel: (561) 355-2264

**\*\*LOCATED AT\*\***

127 RENAISSANCE CIR  
JUPITER, FL 33458

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0169 ELECTRICAL CONTRACTOR	LAESSIG ALBERT	EC0002765	B14.1359093 - 07/17/14	\$27.50	B40163730

This document is valid only when receipted by the Tax Collector's Office.

ELECTRON CORP OF SOUTH FLORIDA  
ELECTRON CORP OF SOUTH FLORIDA  
6421 WINDING LAKE DR  
JUPITER, FL 33458-3745

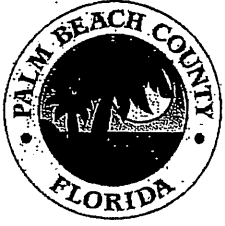


B1 - 532

**STATE OF FLORIDA  
PALM BEACH COUNTY  
2014/2015 LOCAL BUSINESS TAX RECEIPT**

**LBTR Number: 199406673  
EXPIRES: SEPTEMBER 30, 2015**

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and **MUST** be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



Office of  
Small Business Assistance  
50 South Military Trail, Suite 202  
West Palm Beach, FL 33415  
(561) 616-6840  
Fax: (561) 616-6850  
www.pbcgov.com/osba

Palm Beach County  
Board of County  
Commissioners  
  
Shelley Vana, Mayor  
Mary Lou Berger, Vice Mayor  
  
Hal R. Valeche  
Paulette Burdick  
Steven L. Abrams  
Melissa McKinlay  
Priscilla A. Taylor  
  
County Administrator  
Robert Weisman

"An Equal Opportunity  
Affirmative Action Employer"

printed on recycled paper

DATE: August 3, 2015  
TO: Diana Rivera, P.E.  
PBCWUD Engineering Division  
THROUGH: Allen Gray, Manager  
Office of Small Business Assistance  
FROM: Patricia Wilhelm, Small Business Development  
Specialist II  
SUBJECT: Compliance Review on Project No. WUD 13-037  
(SRWRF) Electrical and Instrumentation  
Improvements Project

The following is a Compliance Review of SBE participation  
on the above-mentioned project.

Low Bidder: Electron Corp. of S. Fla.  
127 Renaissance Circle  
Jupiter, FL 33458  
Phone: 561-744-1388  
Bid Opening: July 29, 2015  
Bid Amount: \$1,756,788.00  
Goal: 15% Overall  
Goal Achieved: 95%

SBE Participation:  
(SB)Electron Corp of S. Fla. \$1,668,948.60 95%

EVALUATION:  
Electron Corp of S Fla. has met the SBE requirement  
for this project.

c: Allen Gray, Manager OSBA  
Helene Hvizd, Senior Assistant County Attorney



## Summary of Bid Irregularities

### SRWRF Electrical and Instrumentation Improvements Project

#### Project WUD 15-081

The one (1) bid received for the SRWRF Electrical and Instrumentation Improvements project has been reviewed. The errors, omissions or irregularities found have been noted below.

#### Electron Corp. of South Florida

1. A PBC business tax receipt not submitted; however, the PBC tax collector website indicates that contractor has paid his 2015 taxes. A Jupiter business tax receipt is included in the bid documents; however, receipt is not for current year.

Review Comments – October 15, 2014

## Diana Rivera

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**From:** Michael W. Jones [MJones@pbcgov.org]  
**Sent:** Tuesday, August 11, 2015 12:57 PM  
**To:** Diana Rivera; Barbara Wheeler  
**Cc:** Steve McGrew; Irwin Jacobowitz; Hassan Hadjimiry; Maurice Tobon; Ali Bayat  
**Subject:** RE: Bid Review for WUD 13-037

As their BTR was valid and paid at the time of bid submittal, they have met the requirement of Section 2.2. Local Preference was not applied so no reason to review their responsiveness to that section. I am OK with the award.

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**From:** Diana Rivera [mailto:drivera@pbcwater.com]  
**Sent:** Monday, August 10, 2015 4:42 PM  
**To:** Michael W. Jones; Barbara Wheeler  
**Cc:** Steve McGrew; Irwin Jacobowitz; Hassan Hadjimiry; Maurice Tobon; Ali Bayat  
**Subject:** Bid Review for WUD 13-037

Michael and Barbara,  
Please see the attached CAO Memo and files for the bid review of project WUD 13-037 – SRWRF Electrical and Instrumentation Improvement Project.

Only one bid was received and opened for this project. The sole bidder is Electron Corp. of South Florida, Inc.

Please advise if additional information is needed.

Diana Rivera, P.E.  
Palm Beach County Water Utilities Department  
8100 Forest Hill Boulevard  
West Palm Beach, FL 33413

Phone: (561) 493-6117  
Fax: (561) 493-6113  
Email: [drivera@pbcwater.com](mailto:drivera@pbcwater.com)



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Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

# H E E

HILLERS ELECTRICAL ENGINEERING, INC.

August 12, 2015

Ms. Diana Rivera, P.E.  
Project Manager  
Palm Beach County Water Utilities  
8100 Forest Hill Blvd.  
West Palm Beach, FL 33416

Subject: WUD-13-037: SRWRF Electrical and Instrumentation Improvements Project

Dear Diana:

On July 29, 2015 Palm Beach County Water Utilities (PBCWU) received one bid on the above referenced Request for Bid. The sole bid was received from Electron Corporation of South Florida for a total bid price of \$1,756,788.00, which is \$99,992.36 (5.4%) below the engineer's opinion of probable construction cost of \$1,856,780.36. Hillers Electrical Engineering has worked with Electron Corporation of South Florida for many years on projects of similar complexity. We recommend that the contract be awarded to Electron Corporation of South Florida for the total bid price of \$1,756,788.00.

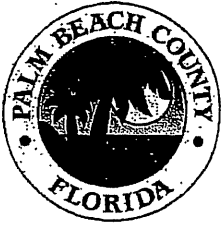
Sincerely,



Mark E. Luther, PE  
MEL/mel

Enclosures

Projects/PANN/PAN21/Miscellaneous/Award Letter.doc



Office of  
Small Business Assistance  
50 South Military Trail, Suite 202  
West Palm Beach, FL 33415  
(561) 616-6840  
Fax: (561) 616-6850  
www.pbcgov.com/osba

Palm Beach County  
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Commissioners

Shelley Vana, Mayor

Mary Lou Berger, Vice Mayor

Hal R. Valeche

Paulette Burdick

Steven L. Abrams

Melissa McKinlay

Priscilla A. Taylor

County Administrator

Robert Weisman

**DATE:** August 3, 2015

**TO:** Diana Rivera, P.E.  
PBCWUD Engineering Division

**THROUGH:** Allen Gray, Manager  
Office of Small Business Assistance

**FROM:** Patricia Wilhelm, Small Business Development  
Specialist II

**SUBJECT:** Compliance Review on Project No. WUD 13-037  
(SRWRF) Electrical and Instrumentation  
Improvements Project

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Goal Achieved:	95%

SBE Participation:  
(SB) Electron Corp of S. Fla. \$1,668,948.60 95%

**EVALUATION:**

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Helene Hvizd, Senior Assistant County Attorney

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Affirmative Action Employer"

Summary of Bid Irregularities

**SRWRF Electrical and Instrumentation Improvements Project**

**Project WUD 15-081**

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**Electron Corp. of South Florida**

1. A PBC business tax receipt not submitted; however, the PBC tax collector website indicates that contractor has paid his 2015 taxes. A Jupiter business tax receipt is included in the bid documents; however, receipt is not for current year.

Summary of Certificates

This report displays detailed Certificate of Insurance information for a selected Insured. Any items shown in red are deficient.

Print

Thursday, September 17, 2015

Images

Contracts

Attachment 6

Insured:	Electron Corp. of South Florida	Insured ID:	13-037-PBC
Status:	Compliant (with overrides)		
ITS Account Number:	PLC1690		
Project(s):	Palm Beach County - Water Utilities		
Insurance Policy	Required	Provided	Override
<u>General Liability</u>			
Expiration: 12/1/2015			
General Aggregate:	\$1,000,000	\$2,000,000	
Products - Completed Operations Aggregate:	\$1,000,000	\$2,000,000	
Personal And Advertising Injury:	\$0	\$0	
Each Occurrence:	\$1,000,000	\$1,000,000	
Fire Damage:	\$0	\$0	
Medical Expense:	\$0	\$0	
<u>Automobile Liability</u>			
Expiration: 12/1/2015			
	All Owned Autos	Any Auto not provided	X
	Hired Autos	not provided	X
	Non-Owned Autos	not provided	X
Combined Single Limit:	\$1,000,000	\$1,000,000	
<u>Workers Compensation/Employers Liability</u>	WC Stat. Limits	WC Stat. Limits	
Expiration: 12/1/2015			
Each Accident:	\$100,000	\$100,000	
Disease - Policy Limit:	\$500,000	\$500,000	
Disease - Each Employee:	\$100,000	\$100,000	

Notifications

There were no deficiency letters issued.

Do you have an updated Certificate? Click the button below to submit a Certificate.

Certificate Submittal