

NOTE TO BIDDER: Use preferably BLACK ink for completing this Bid form.

BID FORM

To: The City of Key West
 Address: 525 Angela Street, Key West, Florida 33040
 Project Title: ITB #12-005/George Street Stormwater Basin Improvements
 CH2M HILL Project No.: 427475
 City of Key West Project No.: ST 0802

Bidder's person to contact for additional information on this Bid:

Name: Michael R. Bone
 Telephone: 954-979-0802

BIDDER'S DECLARATION AND UNDERSTANDING

The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Bid are those named herein, that this Bid is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Bid is made without any connection or collusion with any person submitting another Bid on this Contract.

The Bidder further declares that he has carefully examined the Contract Documents for the construction of the project, that he has personally inspected the site, that he has satisfied himself as to the quantities involved, including materials and equipment, and conditions of work involved, including the fact that the description of the quantities of work and materials, as included herein, is brief and is intended only to indicate the general nature of the Work and to identify the said quantities with the detailed requirements of the Contract Documents, and that this Bid is made according to the provisions and under the terms of the Contract Documents, which Documents are hereby made a part of this Bid.

The Bidder further agrees, as evidenced by signing the Bid, that if awarded a Contract, the Florida Trench Safety Act and applicable trench safety standards will be complied with.

CONTRACT EXECUTION AND BONDS

The Bidder agrees that if this Bid is accepted, he will, within 10 days, not including Sundays and legal holidays, after Notice of Award, sign the Contract in the form annexed hereto, and will at that time, deliver to the Owner examples of the Performance Bond and Payment Bond required herein, and evidence of holding required licenses and certificates, and will, to the extent of his Bid, furnish all machinery, tools, apparatus, and other means of construction and do the Work and furnish all the materials necessary to complete all work as specified or indicated in the Contract Documents.

CERTIFICATES OF INSURANCE

Bidder agrees to furnish the Owner, before commencing the Work under this Contract, the certificates of insurance as specified in these Documents.

START OF CONSTRUCTION AND CONTRACT COMPLETION TIMES

The Bidder agrees to begin work within 10 calendar days after the date of the Notice to Proceed and to achieve Substantial Completion within 425 calendar days from the date when the Contract Times commence to run as provided in paragraph 2.03.A of the General Conditions, and Work will be completed and ready for final payment and acceptance in accordance with paragraph 14.07 of the General Conditions within 455 calendar days from the date when the Contract Times commence to run.

LIQUIDATED DAMAGES

In the event the Bidder is awarded the Contract, Owner and Bidder recognize that time is of the essence of this Agreement and that Owner will suffer financial loss if the Work is not completed within the times specified in paragraph Start of Construction and Contract Completion Times above, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. Owner and Bidder also recognize the delays, expense, and difficulties involved in proving in a legal or other dispute resolution proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Bidder agree that as liquidated damages for delay (but not as a penalty) Bidder shall pay Owner \$3,000.00 per day for each day that expires after the time specified for substantial completion.

After Substantial Completion, if Bidder neglects, refuses, or fails to complete the remaining Work within the Contract Times or any Owner-granted extension thereof, Bidder shall pay Owner \$1,000.00 for each day that expires after the time specified in paragraph Start of Construction and Contract Completion Times, above for completion and readiness for final payment. Liquidated damages shall run concurrent.

Owner will recover such liquidated damages by deducting the amount owed from the final payment or any retainage held by Owner.

ADDENDA

The Bidder hereby acknowledges that he has received Addenda No's. 1, 2,
 , , , (Bidder shall insert No. of each Addendum received) and agrees that all
 addenda issued are hereby made part of the Contract Documents, and the Bidder further
 agrees that his Bid(s) includes all impacts resulting from said addenda.

SALES AND USE TAXES

The Bidder agrees that all federal, state, and local sales and use taxes are included in the
 stated Bid Prices for the Work. Cash allowances DO NOT include any sales and use tax.
 Equipment allowance includes taxes as shown in Equipment Suppliers' Bid.

PUBLIC ENTITY CRIMES

"A person or affiliate who has been placed on the convicted vendor list following a
 conviction for a public entity crime may not submit a bid on a contract to provide any goods
 or services to a public entity, may not submit a bid on a contract with a public entity for the
 construction or repair of a public building or public work, may not submit bids on leases of
 real property to a public entity, may not be awarded or perform work as a contractor,
 supplier, subcontractor, or consultant under a contract with any public entity and may not
 transact business with any public entity in excess of the threshold amount provided in
 Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being
 placed on the convicted vendor list."

COMBINED UNIT PRICE AND LUMP SUM WORK

The Bidder further proposes to accept as full payment for the Work proposed herein the
 amounts computed under the provisions of the Contract Documents. For unit price bid items,
 the estimate of quantities of work to be done is tabulated in the Proposal and, although stated
 with as much accuracy as possible, is approximate only and is assumed solely for the basis of
 calculation upon which the award of Contract shall be made. For lump sum bid items, it is
 expressly understood that the amounts are independent of the exact quantities involved. The
 Bidder agrees that the amounts for both unit price and lump sum work represent a true
 measure of labor and materials required to perform the Work, including all allowances for
 overhead and profit for each type of work called for in these Contract Documents. The
 amounts shall be shown in both words and figures. In case of discrepancy, the amount shown
 in words shall govern.

UNIT PRICE SCHEDULE

Unit prices have been computed in accordance with Paragraph 11.03.C of the General
 Conditions and Section 01025, Measurement and Payment, Paragraph 1.07B.

Bidder acknowledges that estimated quantities are not guaranteed and are solely for the
 purpose of comparison of Bids, and final payment for all Unit Prices Bid items will be based
 on actual quantities, determined as provided in the Contract Documents.

CONTINGENCY ALLOWANCE

Bidder further agrees that the amount shown is an estimated amount to be included in the Total Base Bid for unforeseen conditions and conflicts. Bidder further acknowledges that payment will be based on actual costs as determined in conformance with the Contract Documents and as authorized by Change Order. The Owner will negotiate with the Contractor how each Contingency Allowance will be spent prior to performing the work.

BUILDING PERMIT ALLOWANCE

Bidder further acknowledges that this amount shown is an estimated amount to be included in the Total Base Bid for the Building Permit required by the City of Key West and any Regulatory Agency Permit(s). Bidder acknowledges that payment will be based on actual cost for the permit(s).

KEY ENERGY SERVICE ALLOWANCE

Bidder further agrees that the amount shown is an estimated amount to be included in the Total Base Bid to cover payment to Key Energy Service for electrical service. Bidder further acknowledges that payment will be based on actual amount paid as indicated by appropriate invoice.

UNIT PRICE BID SCHEDULE					
Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Extended Bid Unit Price
1	General				
1.1	Performance and Payment Bonds	1	EA	31,200.00	31,200.00
1.2	Mobilization	1	LS	47,282.00	47,282.00
1.3	Demobilization	1	LS	15,793.00	15,793.00
1.4	General and Supplementary Conditions	1	LS	243,000.00	243,000.00
1.5	MOT	1	LS	28,814.00	28,814.00
1.6	Certified AutoCad As-built	1	LS	5,670.00	5,670.00
1.7	Surveyor	1	LS	11,300.00	11,300.00
2	Trench Excavation, Backfill and Storm Pipe				
2.1	24-inch PVC SDR 41 Storm Pipe				
2.1.1	4 to 6 Feet Deep	100	LF	247.00	24,700.00
2.1.2	6 to 8 Feet Deep	70	LF	344.00	24,080.00

UNIT PRICE BID SCHEDULE					
Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Extended Bid Unit Price
2.2	30-inch PVC SDR 51 Storm Pipe				
2.2.1	4 to 6 Feet Deep	1,180	LF	277.00	326,860.00
2.2.2	6 to 8 Feet Deep	300	LF	334.00	100,200.00
2.2.3	8 to 10 Feet Deep	100	LF	412.00	41,200.00
2.3	24-inch CLDI Storm Pipe				
2.3.1	4 to 6 Feet Deep	55	LF	158.00	8,690.00
2.4	18-inch CPE Storm Pipe				
2.4.1	4 to 6 Feet Deep	210	LF	61.00	12,810.00
2.5	24-inch CPE Storm Pipe				
2.5.1	4 to 6 Feet Deep	100	LF	76.00	7,600.00
2.5.2	6 to 8 Feet Deep	70	LF	100.00	7,000.00
2.6	30-inch CPE Storm Pipe				
2.6.1	4 to 6 Feet Deep	20	LF	260.00	5,200.00
2.6.2	6 to 8 Feet Deep	20	LF	287.00	5,740.00
2.7	36-inch CPE Storm Pipe				
2.7.1	4 to 6 Feet Deep	75	LF	201.00	15,075.00
3	Catch Basins, Inlets, and Manholes				
3.1	Type J-8 MH	4	EA	6,118.00	24,472.00
3.2	Inlet Type F	7	EA	4,343.00	30,401.00
4	Pump Station with Diversion Structure and Vortex Unit	1	LS	1,447,271.00	1,447,271.00
5	Stormwater Wells				
5.1	Installation of Wells	2	EA	45,600.00	91,200.00
5.2	Wellhead Structure	2	EA	63,157.00	126,314.00
5.3	Well Testing	2	EA	4,800.00	9,600.00

UNIT PRICE BID SCHEDULE					
Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Extended Bid Unit Price
6	Dewatering	1	LS	10,691.00	10,691.00
7	Florida Trench Safety Act Compliance	1	LS	32,000.00	32,000.00
8	Pavement				
8.1	Pavement Removal and Replacement	2500	SY	64.00	160,000.00
8.2	Pavement 70 Mils Thermoplastic Stripping	500	LF	2.00	1,000.00
9	Concrete				
9.1	Sidewalk (4-inch depth)	7000	SF	6.00	42,000.00
9.2	Driveway (6-inch depth)	700	SF	7.00	4,900.00
9.3	FDOT Type F Curb, Mod (4") (Valley Gutter and Type D Included)	1700	LF	23.00	39,100.00
9.4	Water Meter Box Replacement	1	EA	622.00	622.00
10	Buried V-405 Valves				
10.1	24-inch Valve	1	EA	13,928.00	13,928.00
10.2	30-inch Valve	1	EA	23,565.00	23,565.00
11	2-inch Manual Air Release Assembly	3	EA	5,260.00	15,780.00
12	Pipeline Abandonment	1	LS	15,461.00	15,461.00
13	Demolition	1	LS	13,779.00	13,779.00
14	Water Service Removal and Replacement	10	EA	950.00	9,500.00
15	Sanitary Sewer Service Removal and Replacement	10	EA	1,014.00	10,140.00
16	Emergency Generator with Concrete Platform	1	LS	256,877.00	256,877.00
17	Outfall Structure at Pond	1	LS	19,652.00	19,652.00
18	Soft Digs	20	EA	284.00	5,680.00
Total of All Extended Bid Unit Prices					5,336,147.00

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Contingency Allowance \$200,000.00
Building Permit Allowance \$50,000.00
Key Energy Service Allowance \$45,000.00

The Bidder agrees to accept as full payment for the Work proposed under this Project, as herein specified and as shown on the Drawings, the following Total Base Bid amount:

Three Million Six Hundred Sixty One Thousand One Hundred Forty Seven Dollars
 (Amount written in words has precedence)
 and No Cents \$ 3,661,147.00
TOTAL BASE BID \$ 3,661,147.00

SUBCONTRACTORS

The Bidder further proposes that the following subcontracting firms or businesses will be awarded subcontracts for the following portions of the Work in the event that the Bidder is awarded the Contract:

Well Drilling - Charley Toppino & Sons, Inc.
 Name
PO Box 787 Key West FL 33041
 Street City State Zip

PICS - Florida Bearings, Inc.
 Name
3164 N. Miami Ave Miami FL 33127
 Street City State Zip

Electrical - Florida Electrical Group, Inc.
 Name
913 74th St Marathon FL 33050
 Street City State Zip

Name

Street City State Zip

Surety

Liberty Mutual Insurance Company whose address is

5600 New King Street, #360 Troy MI 48098
Street City State Zip

Bidder

The name of the Bidder submitting this Bid is Lanzo Construction Co., Florida
doing business at

125 SE 5th Court Deerfield Beach FL 33441
Street City State Zip

which is the address to which all communications concerned with this Bid and with the Contract shall be sent.

The names of the principal officers of the corporation submitting this Bid, or of the partnership, or of all persons interested in this Bid as principals are as follows:

Giuseppe D'Alessandro, President Rosemarie Torres, Secretary
Quirino D'Alessandro, Jr., V. Pres. Antonio D'Alessandro, Treasurer

FLORIDA BID BOND

BOND NO. N/A

AMOUNT: \$ 5% of Bid

KNOW ALL MEN BY THESE PRESENTS, that _____

Lanzo Constrction Co., Florida

hereinafter called the Contractor (Principal), and _____

Liberty Mutual Insurance Company

a corporation duly organized and existing under and by virtue of the laws of the State of Florida, hereinafter called the Surety, and authorized to transact business within the State of Florida, as Surety, are held and firmly bound unto The City of Key West as Owner

(Obligee), in the sum of: Five Percent of Accompanying Bid

_____ DOLLARS (\$ 5% of Bid _____), for the payment for which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT:

WHEREAS, the Principal is herewith submitting his or its Bid Proposal for Construction of the George Street Stormwater Basin Improvements, Key West, Florida, said Bid Proposal, by reference thereto, being hereby made a part hereof.

WHEREAS, the Principal contemplates submitting or has submitted a bid to the Obligee for the furnishing of all labor, materials (except those to be specifically furnished by the Owner), equipment, machinery, tools, apparatus, means of transportation for, and the performance of the work covered in the Proposal and the detailed Drawings and Specifications, entitled:

GEORGE STREET STORMWATER BASIN IMPROVEMENTS

WHEREAS, it was a condition precedent to the submission of said bid that a cashier's check, certified check, or bid bond in the amount of 5 percent of the base bid be submitted with said bid as a guarantee that the Bidder would, if awarded the Contract, enter into a written Contract with the Owner for the performance of said Contract, within 10 working days after written notice having been given of the award of the Contract.

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NOW, THEREFORE, the conditions of this obligation are such that if the Principal within 10 consecutive calendar days after written notice of such acceptance, enters into a written Contract with the Oblige and furnishes the Performance and Payment Bonds, each in an amount equal to 100 percent of the awarded base bid, satisfactory to the Owner, then this obligation shall be void; otherwise the sum herein stated shall be due and payable to the Oblige and the Surety herein agrees to pay said sum immediately upon demand of the Oblige in good and lawful money of the United States of America, as liquidated damages for failure thereof of said Principal.

Signed and sealed this 29th day of November, 20 11

LANZO CONSTRUCTION CO., FLORIDA

Principal

By: *Lisa Burgo*

LIBERTY MUTUAL INSURANCE COMPANY

Surety

By: *Paul M. Hurley*

Attorney-In-Fact

Paul M. Hurley

END OF SECTION

FLORIDA DEPARTMENT OF INSURANCE

PAUL M. HURLEY

License Number 0048923

IS LICENSED TO TRANSACT THE FOLLOWING CLASSES OF INSURANCE
Nonres Gen Lines (Prop & Cas)



"NOTICE" - This non-resident license is limited to the classes of insurance reflected above and is further limited to ~~only~~ those classes of insurance for which you are licensed in your home state. Please be governed accordingly. This licensee must have an active appointment with the insurer or employer for which products or services are being marketed. See reverse for additional requirements.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

LIBERTY MUTUAL INSURANCE COMPANY
BOSTON, MASSACHUSETTS
POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS: That Liberty Mutual Insurance Company (the "Company"), a Massachusetts stock insurance company, pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint T. R. GUY, PAUL M. HURLEY, C. A. JOHNSON, LINDA L. AUSTIN, ANNE BARICK, MARGARET M. KOHLOFF, ROBERT D. HEUER, MICHELLE BUECHEL, MICHAEL D. LECHNER, KRISTYN M. LANGBEEN, ALL OF THE CITY OF TROY, STATE OF MICHIGAN

, each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations in the penal sum not exceeding ONE HUNDRED FIFTY MILLION AND 00/100 DOLLARS (\$ 150,000,000.00) each, and the execution of such undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons.

That this power is made and executed pursuant to and by authority of the following By-law and Authorization:

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

By the following instrument the chairman or the president has authorized the officer or other official named therein to appoint attorneys-in-fact:

Pursuant to Article XIII, Section 5 of the By-Laws, David M. Carey, Assistant Secretary of Liberty Mutual Insurance Company, is hereby authorized to appoint such attorneys-in-fact as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

That the By-law and the Authorization set forth above are true copies thereof and are now in full force and effect.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Company and the corporate seal of Liberty Mutual Insurance Company has been affixed thereto in Plymouth Meeting, Pennsylvania this day of 20th day of September 2011



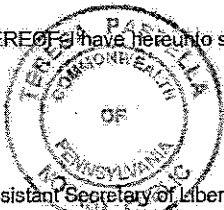
LIBERTY MUTUAL INSURANCE COMPANY

By David M. Carey, Assistant Secretary

COMMONWEALTH OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 20th day of September, 2011, before me, a Notary Public, personally came David M. Carey, to me known, and acknowledged that he is an Assistant Secretary of Liberty Mutual Insurance Company; that he knows the seal of said corporation; and that he executed the above Power of Attorney and affixed the corporate seal of Liberty Mutual Insurance Company thereto with the authority and at the direction of said corporation.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires Mar. 28, 2013

By Teresa Pastella, Notary Public

CERTIFICATE

I, the undersigned, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the officer or official who executed the said power of attorney is an Assistant Secretary specially authorized by the chairman or the president to appoint attorneys-in-fact as provided in Article XIII, Section 5 of the By-laws of Liberty Mutual Insurance Company.

This certificate and the above power of attorney may be signed by facsimile or mechanically reproduced signatures under and by authority of the following vote of the board of directors of Liberty Mutual Insurance Company at a meeting duly called and held on the 12th day of March, 1980.

VOTED that the facsimile or mechanically reproduced signature of any assistant secretary of the company, wherever appearing upon a certified copy of any power of attorney issued by the company in connection with surety bonds, shall be valid and binding upon the company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said company, this 29th day of November, 2011



By Gregory W. Davenport, Assistant Secretary

no. valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA)
) SS
COUNTY OF ~~MONROE~~ Broward)

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By: *Lisa Bisogno*
Lisa Bisogno, Assistant Secretary
Lanzo Construction Co., Florida

Sworn and subscribed before me this
29th day of November, 2011

[Signature]
NOTARY PUBLIC, State of Florida
at Large



My Commission Expires: _____

END OF SECTION

SWORN STATEMENT UNDER SECTION 287.133(3)(A)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

*THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER
AUTHORIZED TO ADMINISTER OATHS.*

1. This sworn statement is submitted with Bid or Proposal for George Street Stormwater Basin Improvements, City of Key West, Florida
2. This sworn statement is submitted by Lanzo Construction Co., Florida
(name of entity submitting sworn statement)
whose business address is 125 SE 5th Court, Deerfield Beach, FL
33441 and (if applicable) its Federal Employer
Identification Number (FEIN) is 59-2011933
(If the entity has no FEIN, include the Social Security Number of the individual signing this
sworn statement _____)
3. My name is Lisa Bisogno
(please print name of individual signing)
and my relationship to the entity named above is Assistant Secretary
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any bid or contract for goods or services to be provided to any public or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
 1. A predecessor or successor of a person convicted of a public entity crime; or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

Lisa Bisogno
(signature) Lisa Bisogno
November 29, 2011
(date)

STATE OF Florida

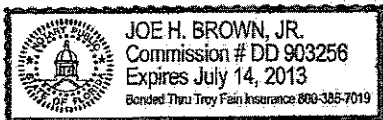
COUNTY OF Broward

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Lisa Bisogno who, after first being sworn by me, affixed his/her
(name of individual signing)

signature in the space provided above on this 29th of November, 2011

My commission expires:



[Signature]
NOTARY PUBLIC


CITY OF KEY WEST INDEMNIFICATION FORM

The Contractor shall indemnify and hold harmless the City of Key West, its officers, and employees, from liabilities, damages, losses and costs, including, but not limited to reasonable attorney's fees, to the extent caused by the negligence, recklessness or intentional wrongful misconduct of Contractor and persons employed or utilized by Contractor in the performance of this agreement. Except as specifically provided herein, this agreement does not require Contractor to indemnify the City of Key West, its employees, officers, directors, or agents from any liability, damage, loss, claim, action or proceeding.

These indemnifications shall survive the term of this agreement. In the event that any action or proceeding is brought against the City of Key West by reason of such claim or demand, Contractor shall, upon written notice from the City of Key West, resist and defend such action or proceeding by counsel satisfactory to the City of Key West.

The indemnification provided above shall obligate Contractor to defend at its own expense to and through appellate, supplemental or bankruptcy proceeding, or to provide for such defense, at the City of Key West's option, any and all claims of liability and all suits and actions of every name and description covered above which may be brought against the City of Key West whether performed by Contractor, or persons employed or utilized by Contractor.

The Contractor's obligation under this provision shall not be limited in any way by the agreed upon Contract Price as shown in this agreement, or the Contractor's limit of or lack of sufficient insurance protection.

CONTRACTOR: Lanzo Construction Co., Florida
125 SE 5th Court
Deerfield Beach, FL 33441
 Address

 Signature
Lisa Bisogno
 Print Name
Assistant Secretary
 Title

SEAL:

DATE: November 29, 2011

Lanzo Construction Co., Florida will submit this form within 10 days following the Notice of Award if we are the low bidder.

427475A.GN1

CITY OF KEY WEST WELL DRILLER CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I _____ am a duly licensed Florida Water Well Contractor whose contracting business, equipment and employees are properly structured as required by Florida State Statute 373 into a business unit operating under my direct control and physical supervision.

Business Name;

Florida Water Well Contractor License Number:

Street Name and Number:

City:

State:

Zip Code:

Telephone:

Facsimile:

I hereby certify that I am familiar with and agree to abide by all applicable local, state, and federal regulations pertaining to repair, installation, and construction, of wells within the State of Florida for the duration of this contract: **George Street Stormwater Basin Improvements** for the City of Key West. I shall abide by the applicable regulations and where occasional conflicts may occur exist between the City's bid specifications and any and all applicable local, state, and federal, regulation(s) the pertinent applicable regulation(s) shall control. These include but are not limited to the following requirements:

- a. Chapter 62-528 UIC Well Regulations, Florida Administrative Code and water well construction standards.
- b. Chapter 62-531 Water Well Contractor Licensing Requirements
- c. Chapter 62-532 Water Well Permitting and Construction Requirements
- d. ASTM C150 Specifications for Portland Cement
- e. AWWA A100 Standards for Water Wells.
- f. These include but are not limited to the following requirements:
 - o Neat Cement to be from bottom of casing to top of casing (60 feet).

427475

OCTOBER 12, 2011

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WELL DRILLER CERTIFICATION

.00 43 19 - 1

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- Neat Cement to be completed in appropriate methods utilizing tremie pipe.
 - No Additives may be used in the neat cement without the FDEP permission. Based on site conditions documented by geophysical logs.
 - Maintenance of geophysical logs is required.
- g. Licensed Well Driller shall be on site at all times during well operations.
- h. Well driller to submit FDEP well completion report with SFWMD well completion report within 2 days of completion to FDEP.

Signature

Title

Sworn and subscribed before me this _____ day of
, 20__

NOTARY PUBLIC, State of Florida at Large

My Commission Expires:

CITY OF KEY WEST BUSINESS LICENSE TAX RECEIPT

1. A City of Key West Business License Tax Receipt is required for this Project. Contractor must be general contractor or building contractor or engineering contractor. Will be submitted within 10 days following the Notice of Award if Lanzo Construction Co., Florida is the low bidder.
2. A City of Key West Business License Tax Receipt also is required as for sub-contracting landscaping contractor, engineering services, and professional surveying. Will be submitted within 10 days following the Notice of Award if Lanzo Construction Co., Florida is the low bidder.
3. A Business License Tax Application can be found on the City's web site.
See Attached Business License Tax Receipt/Application

<http://www.keywestcity.com/egov/docs/1162843921181.htm>

Business License Tax Application

City of Key West License # _____
 City Hall Annex Date Applied _____
 PO Box 1409 Phone 305-809-3955
 Key West, FL 33041 Fax 305-809-3978

Business Type: Civil Construction, underground pipe installation, excavation, site preparation

Business Name: Lanzo Construction Co., Florida

Business Location: 125 SE 5th Court, Deerfield Beach, FL 33441

Business Owner: Lanzo Holding Company

State Licensed Qualifier (if applicable): CGC036262

Mailing Address: 125 SE 5th Court, Deerfield Beach, FL 33441

EIN/SS# 59-2011933 Phone # 954-979-0802

Lanzo Construction Co., Florida
Applicant name (printed) Lisa Bisogno Date 11/29/11

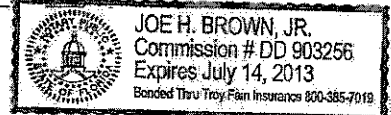
Lisa Bisogno
Applicant signature
Lisa Bisogno
Assistant Secretary

State of Florida
County of ~~Monroe~~ Broward

The foregoing instrument was acknowledged before me this 29th day of Nov, 2011, by Lisa Bisogno

[Signature]
Signature of Notary Public

(stamp or seal) Personally known Produced id _____



- ___ Sales Tax number 3106 Flagler Ave 292-6735 City utility acct _____
- ___ Commercial garbage Waste Mgmt 296-8297 _____
- ___ Lease or deed _____
- ___ State License DBPR 850-487-1395 / Dept Ag 305-470-6900
- ___ Home occupation application
- ___ Fictitious Name registration Previous use _____
- Corporate or LLC registration
- Liability / Worker's Comp Zoning _____
- ___ Fire Inspector 292-8179
- ___ CO / final inspection on any permits Category _____ Fee \$ _____
- Monroe County or local licensing

Licensed in accordance with Chapter 66, Key West Code of Ordinances

Approved _____ Denied / Reason _____

Licensing Official _____ Date _____

BIDDER'S CHECKLIST

(Note: The purpose of this checklist is to serve as a reminder of major items to be addressed in submitting a bid and is not intended to be all inclusive. It does not alleviate the Bidder from the responsibility of becoming familiar with all aspects of the Contract Documents and proper completion and submission of his bid.)

1. All Contract Documents thoroughly read and understood. [X]
2. All blank spaces in Proposal filled in, using black ink. [X]
3. Total and unit prices added correctly. [X]
4. Addenda acknowledged. [X]
5. Subcontractors are named as indicated in the Proposal. [X]
6. Experience record included. Please see Section 8 of the [X]
Resume of Qualifications
7. Bid signed by authorized officer. [X]
8. Bid Bond completed and executed, including power-of-attorney dated [X]
the same date as Bid Bond.
9. Bidder familiar with federal, state, and local laws, ordinances, rules and [X]
regulations affecting performance of the work.
10. Bidder, if successful, able to obtain and/or demonstrate possession of [X]
required licenses and certificates within (10) ten calendar days after
receiving a Notice of Award.
11. ~~Bids submitted in two volumes containing the Bidding~~ [X]
~~Requirements, Contract Forms, and Conditions of the Contract and~~
~~copies~~ Replaced by Addendum #2 dated 11/22/11. See below.
12. Bid Documents submitted in sealed envelope and addressed and labeled [X]
in conformance with the instructions in the Invitation to Bid.
13. Bidder must provide satisfactory documentation of State Licenses. [X]

Add #2 - 11. Bid Documents submitted shall contain Bid Form, Bid Security, Experience Record, Anti-Kickback Affidavit, Public Entity Crimes, Key West Indemnification Form, Disclosure of Lobbying Activities, Non-Collusion Declaration and Compliance, Florida Trench Safety Act Compliance and Suspension and Debarment Certificate.

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352
(See reverse for public burden disclosure.)

<p>1. Type of Federal Action:</p> <p><input type="checkbox"/> N/A</p> <p>a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance</p>	<p>2. Status of Federal Action:</p> <p><input type="checkbox"/></p> <p>a. bid/offer/application b. initial award c. post-award</p> <p>N/A</p>	<p>3. Report Type:</p> <p><input type="checkbox"/> N/A</p> <p>a. initial filing b. material change</p> <p>For Material Change Only:</p> <p>year _____ quarter _____ date of last report _____</p>
<p>4. Name and Address of Reporting Entity:</p> <p><input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known:</p> <p>N/A</p> <p>Congressional District, if known:</p>	<p>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</p> <p>N/A</p> <p>Congressional District, if known:</p>	
<p>6. Federal Department/Agency:</p> <p>N/A</p>	<p>7. Federal Program Name/Description:</p> <p>N/A</p> <p>CFDA Number, if applicable: _____</p>	
<p>8. Federal Action Number, if known:</p> <p>N/A</p>	<p>9. Award Amount, if known:</p> <p>\$ N/A</p>	

<p>10. a. Name and Address of Lobbying Entity (if individual, last name, first name, MI):</p> <p style="text-align: center;">N/A</p> <p style="text-align: center;">(attach Continuation Sheet(s))</p>	<p>b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI):</p> <p style="text-align: center;">N/A</p> <p style="text-align: center;">SF-LLLA, if necessary)</p>
<p>11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>	<p>Signature: <u>Lisa Bisogno</u></p> <p>Print Name: <u>Lisa Bisogno</u></p> <p>Title: <u>Assistant Secretary</u></p> <p>Telephone No.: <u>954-979-0802</u> Date: <u>11/29/11</u></p>
<p>Federal Use Only:</p>	<p>Authorized for Local Reproduction Standard Form - LLL (Rev 7 - 97)</p>

FORM DEP 55-221 (01/01)

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by the reporting entity for this covered Federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee", then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.

8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, state and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

Form DEP 55-221 (01/01)

**NON-COLLUSION DECLARATION AND
COMPLIANCE WITH 49 CFR §29.**

ITEM/SEGMENT NO.: N/A
 F.A.P. NO.: N/A
 PARCEL NO.: N/A
 COUNTY OF: N/A
 BID LETTING OF: November 29, 2011

I, Lisa Bisogno, hereby
 declare that I am Assistant Secretary of Lanzo Construction Co., Florida
 Of Deerfield Beach, FL 33441
 and that I am the person responsible within my firm for the final decision as to the price(s) and amount of this Bid on this State Project.

I further declare that:

1. The prices(s) and amount of this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.
3. No attempt has been made or will be made to solicit, cause or induce any other firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary bid.
5. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from bidding or to submit a complementary bid on this project.
6. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any other project, in consideration for my firm's submitting a complementary bid, or agreeing to do so, on this project.
7. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's bid on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this Declaration.

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8. As required by Section 337.165, Florida Statutes, the firm has fully informed the Department of Transportation in writing of all convictions of the firm, its affiliates (as defined in Section 337.165(1)(a), Florida Statutes), and all directors, officers, and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract or for violation of any state or federal law involving fraud, bribery, collusion, conspiracy or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees of the firm or affiliates who were convicted of contract crimes while in the employ of another company.

9. I certify that, except as noted below, neither my firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of Federal funds:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR §29.110(a), by any Federal department or agency;

(b) has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against him or her for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, State or local government transaction or public contract; violation of Federal or State antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;

(c) is presently indicted for or otherwise criminally or civilly charged by a Federal, State or local governmental entity with commission of any of the offenses enumerated in paragraph 9(b) of this certification; and

(d) has within a three-year period preceding this certification had one or more Federal, State or local government public transactions terminated for cause or default.

10. I(We), certify that I(We), shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this contract by any Federal Agency unless authorized by the Department.

Where I am unable to declare or certify as to any of the statements contained in the above stated paragraphs numbered (1) through (10), I have provided an explanation in the "Exceptions" portion below or by attached separate sheet.

EXCEPTIONS:

(Any exception listed above will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency and dates of agency action.

Providing false information may result in criminal prosecution and/or administrative sanctions.)

I declare under penalty of perjury that the foregoing is true and correct.

CONTRACTOR: (Seal)

BY: Lisa Bisogno, Assistant Secretary
NAME AND TITLE PRINTED

WITNESS: 

BY: 
SIGNATURE

WITNESS: 

Executed on this 29th day of November, 2011

**FAILURE TO FULLY COMPLETE AND EXECUTE THIS DOCUMENT
MAY RESULT IN THE BID BEING DECLARED NONRESPONSIVE**

**FLORIDA TRENCH SAFETY ACT COMPLIANCE
Trench Excavation Safety System and Shoring**

CERTIFICATION

All excavation, trenching, and related sheeting, bracing, etc. on this project shall conform to the requirements of the Florida Trench Safety Act (90-96, CS/SB 2626), which incorporates by reference, OSHA's excavation safety standards, 29 CFR 1926.650 Subpart P including all subsequent revisions or updates to these standards.

By submission of this bid and subsequent execution of this Contract, the undersigned certifies compliance with the above mentioned standards and further stipulates that all costs associated with this compliance are detailed below as well as included in their lump sum bid amount.

Summary of Costs:

Trench Safety Measure	Units	Quantity	Unit Cost	Extended Cost
<u>A. Trench Shield</u>	<u>LF</u>	<u>1,000</u>	<u>\$2.00</u>	<u>\$2,000.00</u>
<u>B. Steel Shoring</u>	<u>SF</u>	<u>3,000</u>	<u>\$10.00</u>	<u>\$30,000.00</u>

Lisa Bisogno
 Signature Lisa Bisogno, Assistant Secretary
November 29, 2011
 Date

STATE OF Florida
 COUNTY OF Broward

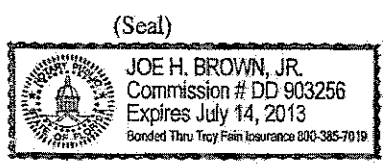
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Lisa Bisogno, who, after first being sworn by me affixed his /her signature in the space,

provided above on the 29th day of November, 2011.

[Signature]
 Notary Public

MY COMMISSION EXPIRES: 7/14/2013



SUSPENSION AND DEBARMENT CERTIFICATION

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION LOWER TIER FEDERALLY FUNDED TRANSACTIONS

1. The undersigned hereby certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2. The undersigned also certifies that it and its principals:

(a) Have not within a three-year period preceding this certification been convicted of or had a civil judgment rendered

against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State anti-trust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

(b) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 2(a) of this Certification; and

(c) Have not within a three-year period preceding this certification had one or more public transactions (Federal, State or local) terminated for cause or default.

3. Where the undersigned is unable to certify to any of the statements in this certification, an explanation shall be attached to this certification.

Dated this day ~~XXXX~~ 29th day of November, 2011

By Lisa Bisogno

Authorized Signature Contractor

Lisa Bisogno, Assistant Secretary

Typed Name/Title

Lanzo Construction Co., Florida

Contractor's Firm Name

125 SE 5th Court

Street Address

Building, Suite Number

Deerfield Beach, FL 33441

City/State/Zip Code

954-797-0802

Area Code/Telephone Number

427475

00 44 04



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ADDENDUM NO. 1
TO THE CONTRACT DOCUMENTS
for the construction of the
**GEORGE STREET STORMWATER
BASIN IMPROVEMENTS**

Date: November 16, 2011
Project No.: 427425

**CITY OF KEY WEST
KEY WEST, FLORIDA**

To All Planholders and/or Prospective Bidders:

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of the George Street Stormwater Basin Improvements dated November 2011 as fully and completely as if the same were fully set forth therein:

PRE-BID MEETING

1. Attached is the meeting minutes from the pre-bid meeting held on November 10, 2011.
2. Attached is a copy of the sign-in sheet from the pre-bid meeting.

CONTRACTOR QUESTIONS

Question: On page 44 42 40.01-5, under Functional Requirements of the TCU in Local Automatic Mode, it has the description listed as:

b. Local Automatic: Pumps are controlled by the DFS furnished

RTU as follows:

1) When the pump LOCAL/REMOTE hand switch is in LOCAL and its HAND/OFF/AUTO hand switch is in AUTO, the pump is controlled by the DFS furnished TCU/RTU based off of level. The pumps operate as follows:

- a) START Lag pump on rising HIGH level.
- b) START Lead pump on rising MIDDLE 2 level.
- c) STOP Lag pump on falling MIDDLE 1 level.
- d) STOP Lead pump on falling LOW level.
- e) STOP both pumps on falling LOW LOW level.

The verbiage is a little different, but I believe this is the same as the TCU's pump down description in the TCU manual on pages 25 & 26. As follows:

Staging Levels in Pump Down Mode

The following paragraphs describe the normal function of the TCU's eight staging levels when used in Pump Down mode, such as that used in a lift station. Note that not all of these levels must be Chapter 2: Principles of Operation TCU Installation and Operation Manual 26 configured for a lift station. The minimum number of levels required depends on the type of station – simplex, duplex, or triplex. See Types of Stations, p. 24 for more information on station types.

- All pumps are stagger-started on a High-Level float condition, and stopped on a Low-Level float condition.
- Low Level – Low shuts down pumps and activates alarms. Low is considered active when the well's level is below Low. Low must be set below all other levels.
- Lead Off Level – Lead Off is the minimum operational level of a well. The TCU shuts down the Lead pump when the well's level drops below Lead Off. See Figure 2-2, "Lift Station (Pump Down) and Storage Tank (Pump Up) Staging Levels", page 25. When configuring the TCU for legacy PCU operation, set the LagOff Pt and Lag2Off Pt to the same level as the LeadOff Pt.
- Lag Off Level – Lag Off is the well level at which the TCU shuts down the Lag pump. Note that this setting can only be used when an analog input is used to control the pumps. Lag Off is not used in legacy PCU operations or when discrete inputs are being used to control the pumps.
- Lag2 Off Level – Lag2 Off is the well level at which the TCU shuts down the Lag2 pump. Note that this setting can only be used when an analog input is used to control the pumps. Lag2 Off is not used in legacy PCU operations or when discrete inputs are being used to control the pumps.
- Lead Level – Lead starts the Lead (first) pump. Lead is active when the well's level is above Lead. When Lead is active, one pump is started.
- Lag Level – Lag starts the Lag (second) pump. Lag is active when the well's level is above Lag. When Lag is active, the second pump is started.
- Lag2 Level – Lag2 starts the Lag2 (third) pump. Lag2 is active when the well's level is above Lag2. When Lag2 is active, the third pump is started.
- High Level – High starts all three pumps and activates alarms. High is active when the well's level reaches High. High must be set above the other levels.

Is this the correct understanding, or is it intended to work any other way than described in the manual?

Answer: In Local Automatic, configure the TCU based on the "pump down" mode using an analog system (level). Utilize programming standard to TCU. No specialized programming required.

SPECIFICATIONS**PART 2 – CONTRACTING FORMS****SECTION 00 41 13: BID FORM**

1. **DELETE** in its entirety and **REPLACE** with the Revised Bid Form, attached.

PART 3 – SPECIFICATIONS**SECTION 01 29 00, PAYMENT PROCEDURES**

1. **DELETE** in its entirety and **REPLACE** with the Revised Section 01 29 00, attached.

SECTION 01 91 14, EQUIPMENT TESTING AND FACILITY STARTUP

1. Page 3, paragraph 3.01.C: **INSERT** the following sentence at the end of the paragraph:

“Contractor shall supply fuel for the generator for startup and testing. Contractor shall supply a full tank of diesel fuel for the generator when turned over to the Owner.”

SECTION 09 90 00, PAINTING AND COATING

1. **DELETE** in its entirety and **REPLACE** with the Revised Section 09 90 00, attached.

SECTION 31 23 13, SUBGRADE PREPARATION

1. Page 2; paragraph 3.02: **ADD** the following paragraph and **NUMBER** first paragraph “A”:

“B. Granular Fill under Sidewalks: Compact the upper 12-inches of subgrade to a minimum of 95 percent relative compaction as determined in accordance with ASTM D1557.”

SECTION 31 23 16, EXCAVATION

1. **DELETE** in its entirety and **REPLACE** with the Revised Section 31 23 16, attached.
2. **ADD** Supplement, Report of Geotechnical Report, to Section 31 23 16, attached.

SECTION 32 16 00, CONCRETE CURBS AND GUTTERS AND SIDEWALKS

1. Page 3, paragraph 3.04.C: **DELETE** in its entirety.
2. Page 3, paragraph 3.04.C (Old D); **DELETE** the word “Contraction” before Joints.

3. Page 3, paragraph 3.04.C.1; **DELETE** in its entirety and **INSERT**:
 "Provide types and locations as shown on Drawings."
4. Page 3, paragraph 3.04.C.2: **DELETE** in its entirety.
5. Page 3, paragraph 3.04.D.2: **DELETE** in its entirety.

SECTION 33 05 12, MANHOLE AND MISCELLANEOUS CONCRETE CONSTRUCTION

1. Page 4, paragraph 2.11.A; third sentence; **DELETE** "30B" and **INSERT** "35B".

SECTION 44 42 40, SUBMERSIBLE AXIAL FLOW PUMPS-GENERAL

1. Page 4, paragraph 3.3.A; **DELETE** "System No. 2" at the end of the last sentence and **INSERT** "...the manufactures coating: Ceram CO."

SECTION 44 42 40.01, DETAIL PUMP SPECIFICATION FOR SUBMERSIBLE AXIAL FLOW TYPE PUMPS

1. Page 1, paragraph 2.03; **DELETE** items A, B, D, E, and F and **INSERT** the following:
 - "A. Rated Capacity at Primary Condition of Service (COS): 8,350 gpm.
 - "B. Total Head at Primary COS Rated Capacity: 16.4 feet.
 - "D. Total Head at Secondary COS Rated Capacity: 10 feet.
 - "E. Speed: 895 rpm, maximum.
 - "F. Minimum Hydraulic Efficiency at Primary COS: 74 percent."
2. Page 2, paragraph 2.04.A.6.a; first sentence **DELETE** "304" and **INSERT** "316L".

SECTION 44 64 20, VORTEX GRIT CHAMBER EQUIPMENT

1. Page 3, paragraph 2.01.A, the TABLE, Performance Criteria, Overflow Pipe Diameter (in) **CHANGE** "36" **TO** "30"

DRAWINGS

Drawings Deleted and Replaced:

General

Cover Sheet; G-001

Civil

C-201; C-202; C-203; C-206; C-501; C-502; C-503; C-504

Structural

S-202; S-204

Process

D-201; D-202; D-802; D-803; D-804

I&C

N-001

Electrical

E-201; E-202; E-601; E-801; E-802

Drawings Deleted in their entirety;

E-602; E-603

All Bidders shall acknowledge receipt of Addendum No. 1 in the Bid Form. Bids submitted without this acknowledgement will be considered informal.

CH2M HILL

Andrew Smyth, P.E.

ATTACHMENTS:

Prebid Meeting Minutes and Sign-in Sheet, attached.

Section 00 41 13, Bid Form, attached.

Section 01 29 00, Payment Procedures, attached.

Section 31 23 16, Excavation, attached.

Drawings:

General

Cover Sheet; G-001

Civil

C-201; C-202; C-203; C-206; C-501; C-502; C-503; C-504

Structural

S-202; S-204

Process

D-201; D-202; D-802; D-803; D-804

I&C

N-001

Electrical

E-201; E-202; E-601; E-801; E-802

END OF ADDENDUM



CH2MHILL

**ADDENDUM NO. 2
TO THE CONTRACT DOCUMENTS
for the construction of the
GEORGE STREET STORMWATER
BASIN IMPROVEMENTS**

Date: November 21, 2011
Project No.: 427425

**CITY OF KEY WEST
KEY WEST, FLORIDA**

To All Planholders and/or Prospective Bidders:

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of the George Street Stormwater Basin Improvements dated November 2011 as fully and completely as if the same were fully set forth therein:

CONTRACTOR QUESTIONS

Question: Per the Invitation to Bid, it is required to submit two (2) originals and four (4) CD-ROMS or USB Drives on bid day. This CD-ROM/USB Drive requirement will not allow last minute bid adjustments based on subcontractor quotes received near the deadline. We request the opportunity to submit hand written price proposals by the 3:00 pm deadline with their hard copies (in CD format) to be provided within 24 hours. Please advise.

Answer: All requested documentation shall be submitted in accordance with the bid documents.

Question: Would you consider adding Adjustments item to bid since we are not going to know everything we might encounter until we do the exploration.

Answer: No. All Bid items are included in Unit Price Bid Schedule.

Question: Per the Instructions to Bidders, page 00 21 13-4, Item G, the Contractor is required to have a Certified or registered Electrical Contractor's City of Key West License and a Certified or registered General Contractor's City of Key West License. Is it possible for the Electrical Subcontractor to obtain the Certified or registered Electrical Contractor's City of Key West License after the bid date? If so, is there a certain time frame to obtain the license?

Answer: The Contractor is required to furnish all licenses and certifications within 10 days after Notice of Award. See item 10 on Bidder's Checklist.

Question: Per the "Bidder's Checklist" page 00 44 00-1, item 11 of the contract documents, Contractors are required to submit the bid package bound in the original spec book. These documents were downloaded and no original hard copies were given. Are we to print out TWO copies of the entire spec book in order to submit the required number of copies and include this same information on the required USB drives: If this is a requirement please keep in mind that the electronic fill will be at least 5 MBs.

Answer: See Addendum No. 2, Revised Bidders Checklist.

Question: Please confirm if the "City of Key West Well Driller Certification" if required to be submitted on bid day or within 10 days.

Answer: The Contractor is required to furnish all licenses and certifications with 10 days after Notice of Award. See item 10 on Bidder's Checklist.

PART 1, PROCUREMENT REQUIREMENTS

SECTION 00 44 00, BIDDER'S CHECKLIST

1. **DELETE** Number 11 in its entirety and **REPLACE** with the following:

"11. Bid Documents submitted shall contain Bid Form, Bid Security, Experience Record, Anti-Kickback Affidavit, Public Entity Crimes, Key West Indemnification Form, Disclosure of Lobbying Activities, Non-Collusion Declaration and Compliance, Florida Trench Safety Act Compliance and Suspension and Debarment Certificate."

SECTION 00 73 00, SUPPLEMENTARY CONDITIONS

1. Page 9, paragraph 13.07, **ADD** after 13.07.D the following:

"F. Correction Period/Warranty shall be offered without conditions and shall include repair/replacement in a timely manner to minimize disruption and to Owner's satisfaction. The equipment and/or work shall be fully warranted for the service and conditions that the contract implies and includes all cost for shipping and a manufacturer's representative to certify installation. All records on the equipment required will be those normally maintained by Owner."

SPECIFICATIONS**PART 3 – SPECIFICATIONS****SECTION 01 01 00, GENERAL REQUIREMENTS**

1. Page 2, paragraph 2.01.B.1, first sentence, **ADD** the following words after Contractor shall provide “an Updated ...”.
2. Page 4, paragraph 2.03.C, **INSERT** the following sentence after the first sentence, “The Contractor shall submit for approval by Owner and Engineer a detailed work plan when required before proceeding with the work.”
3. Page 5, paragraph 3.01.A, **ADD** in the first sentence after the word “river” add the following “and tide”.
4. Page 6, paragraph 3.04.D, **ADD** the following to end of the first sentence “whether shown or not”.
5. Page 9, paragraph 4.04.A, **DELETE** in its entirety and **INSERT** the following paragraph:

“A Materials shall be stored based on manufacturer’s published instructions including pre- and post-storage meggering of all electrical equipment as to ensure the preservation of their quality and fitness for work. When considered necessary they shall be placed on wooden platforms or other hard, clean surfaces, and not on the ground. If environmentally controlled storage is recommended by the manufacturer’s published storage instructions, it shall be provided at no additional cost. Stored materials shall be located so as to facilitate prompt inspection. Private property shall not be used for storage purposes without written permission of the Owner or lessee. Contractor shall maintain a log of all published manufacturer’s required storage and maintenance requirements.”
6. Page 10, paragraph 5.04.A, **INSERT** after the word “Provide” the following “and obtain approval of”.
7. Page 10, paragraph 5.04.B, **INSERT** in the third sentence after the word “barricades,” the following: “lighted signs, temporary pavement marking,”
8. Page 10, paragraph 5.04.C, **INSERT** the following sentence after the first sentence “Contractor shall complete permanent surfacing within 30 days after backfilling trenches.”
9. Page 12, paragraph 5.09.A, in the fourth sentence **REPLACE** the word “Engineer” with the word “Owner”.
10. Page 12, paragraph 6.01.B, at the end of the paragraph **ADD** the following sentence “Excavated material shall not be placed or stockpiled on streets or sidewalks.”

11. Page 13, paragraph 6.04.A, **ADD** to the end of the first sentence "as necessary or directed by Engineer"
12. Page 13, paragraph 6.05.A, in the first sentence after the word "trenches," **ADD** "immediately"

SECTION 01 11 00, SUMMARY OF WORK

1. Page 1, paragraph 1.01.A, **ADD** at the end of the last sentence "as shown or described in the Contract Documents".

SECTION 01 43 33, MANUFACTURER'S FIELD SERVICES

1. Page 1, paragraph 1.02.A.1, in the first sentence after the word "specification" **ADD** "and obtain approval from Engineer."
2. Page 3, paragraph 3.04.B.2, at the end of the sentence **ADD** "at no additional cost to Owner"
3. Page 4, paragraph 3.04.C, in the first sentence after the word "prepare" **ADD** "and obtain Engineer's approval of"

SECTION 01 50 00, CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

1. Page 2, paragraph 3.01.B.1, in the first sentence after the words "minimum conditions for the" **ADD** "proper storage, maintenance, and".
2. Page 3, paragraph 3.04.A, at the end of the paragraph **ADD** "until final acceptance by Owner".
3. Page 4, paragraph 3.06.C.4, in the first sentence after the word "acceptable" **ADD** "lighted".

SECTION 01 61 00, COMMON PRODUCT REQUIREMENTS

1. Page 1, paragraph 1.01.A.1, at the end of the paragraph **ADD** "Metal fabrications intended or subject to immersion shall comply with NACE SPO-178-2007."
2. Page 3, paragraph 1.05, **ADD** the following:
 "I. All improperly stored, handled, maintained or monitored material or equipment shall be replaced by the Contractor at no additional cost to the Owner if so directed by the Engineer."

SECTION 01 91 14, EQUIPMENT TESTING AND FACILITY STARTUP

1. Page 1, paragraph 1.02.A, **DELETE** "Informational" and **INSERT** "Action".
2. Page 1, paragraph 1.02.2, at the end of the paragraph **ADD** "Detailed Functional Test Plan."

3. Page 1, paragraph 1.02.3, at the end of the paragraph **ADD** Detailed Unit Process Startup Plan.”
4. Page 2, paragraph 3.01.B.2, after the words “shall be” **ADD** “solely dedicated to the startup process.”
5. Page 3, paragraph 3.02.A.1, after word “Complete” **ADD** “and obtain Engineer’s approval of all.”
6. Page 4, paragraph 3.02.A.5.h, **DELETE** in its entirety and **INSERT** “Test piping and valves for leaks.”
7. Page 5, paragraph 3.03.B, after the word “Contractor” **ADD** “and approved by Engineer”.

SECTION 03 15 00, CONCRETE JOINTS AND ACCESSORIES

1. Page 4, paragraph 3.03.A, **ADD** the following:
 - “8. Contractor shall provide waterstop manufacturer training for welding of waterstops.
 - “9. Waterstop field welds shall be tested prior to placement in concrete by pulling and twisting field welded connections. Signs of burnt joints shall not be acceptable. Deficient joints shall be removed and replaced.”

SECTION 03 30 10, REINFORCED CONCRETE

1. Page 3, paragraph 2.01.D.1, **CHANGE** “...4,500 psi...” **TO** “...5,000 psi...”
2. Page 4, paragraph 2.04.A, **DELETE** the last sentence.
3. Page 7, paragraph 3.06, **ADD** the following:
 - “E. Generator Structure: Provide a rubbed finish to the entire structure except the tops of slabs. Slabs shall receive a light broom finish.”
4. Page 7, paragraph 3.07.E, **DELETE** the last sentence and **REPLACE** with the following:

“Thoroughly and continuously soak entire area with water for 24 hours to produce a SSD condition.”
5. Page 7, paragraph 3.07.F, **ADD** the following:

“Utilize the bond slurry coat method for adhering repair material to substrate. Epoxy bonding agents shall only be used with written approval of Engineer.”

6. Page 8, paragraph 3.09.A, **DELETE** and **REPLACE** with the following:
- “A. Testing and Evaluation of Concrete:
1. Provide adequate facilities for safe storage and proper curing of concrete test specimens onsite for first 24 hours, and for additional time as may be required before transporting to test lab.
 2. Unless otherwise specified, sample concrete for testing and for making test specimens, shall be from the point of delivery.
 3. When CONCRETE is pumped, sample and test air content at point of delivery and at point of placement.
 - a. For Each Concrete Mixture: Provided results of air content tests for first load of the day are within specified limits, testing need only be performed at point of delivery for subsequent loads of that concrete mixture except that testing should be performed at point of placement every 4 hours.
 4. Evaluation will be in accordance with ACI 301 and specifications.
 5. Test specimens shall be made, cured, and tested in accordance with ASTM C31/C31M and ASTM C39/C39M.
 6. Frequency of testing may be changed at discretion of Engineer.
 7. Pumped Concrete: Take concrete samples for slump, ASTM C143/C143M, and test specimens, ASTM C31/C31M and ASTM C39/C39M, at placement (discharge) end of line.

SECTION 05 50 00, METAL FABRICATIONS

1. Page 2, paragraph 1.02.A, **DELETE** in its entirety.
2. Page 3, paragraph 1.03.B, **ADD** the following:

“2. Welding Inspection: Fabricator shall provide letter stating that all welding has been inspected and complies with AWS D1.2 or D1.6, as applicable. Letter shall be signed and stamped by AWS Certified Welding Inspector.”
3. Page 5, paragraph 2.03.C, **DELETE** item 1, in its entirety.
4. Page 7, paragraph 2.12.C, **REVISE** item 2 as follows:

C.2 “...free from twisting, distortion or discoloration caused by improper welding techniques.”
5. Page 7, paragraph 2.12.C.2, **ADD** the following new item:

“7. Pickle and passivate all stainless steel welds.”

6. Page 7, paragraph 2.13, **ADD** the following:
 - “B. Acceptable Weld Profiles:
 1. Aluminum: AWS D1.2, paragraph 4.19.
 2. Stainless Steel: AWS D1.6, paragraph 5.11.”
7. Page 9, paragraph 3.03.B, **ADD** the following: “...and ICC Evaluation Service report requirements.”

SECTION 05 52 00, METAL RAILINGS

1. Page 3, paragraph 1.05.B.3, **DELETE** and **REPLACE** as follows:
 - “3. “Deliver clear anodized handrail pipe and posts, matching in finish, with protective plastic wrap.”
2. Page 5, paragraph 2.02.D.3.a.1, **ADD** the following at the end after (one piece): “..., factory modified to accept 3/4-inch diameter concrete anchors.”
3. Page 11, paragraph 3.05.C, **DELETE** in its entirety and **REPLACE** with the following:
 - “C. If stain, discoloration, damage to finish, or other surface defect remains after washing, restore to acceptable condition in accordance with manufacturer’s recommendations or replace stained handrails.”

SECTION 05 53 00, METALGRATINGS

1. Page 6, **ADD** the following:
 - “J. Under no circumstance will field welding be permitted without written consent of Engineer.”

SECTION 09 90 00, PAINTING AND COATING

1. Page 2, paragraph 1.03.C, **ADD** new item 1 and **RENUMBER** subsequent items:
 - “1. Painter shall be SSPC-OP 1 certified painting contractor.
2. Page 2, paragraph 1.03.C, **ADD** new item 5:
 - “5. Painter shall keep records on surface temperature, dew point, ambient air temperature, sweat-in time, pot life, etc.”
3. Page 3, paragraph 1.05, **ADD** the following new paragraph:
 - “C. Coatings shall be stored in temperature controlled conditions suitable to provide storage temperature requirements for manufacturer’s published information.”
4. Page 6, paragraph 2.04.A, first line, **DELETE** “...magnetic type...” and **INSERT** “...new electronic type..”
5. Page 6, paragraph 2.04.C, first line, **DELETE** “...elastomeric..”

6. Page 14, **ADD** the following new System:

“System No. 25 exposed FRP, PVC:

Surface Prep	Paint Material	Min. Coats, Cover
In accordance with Paragraph, Plastic and FRP Surface Preparation	Acrylic Latex Semigloss	2 coats, 320 SFPGPC

7. Page 16, paragraph 3.12, **ADD** the following new paragraph and **RENUMBER** subsequent paragraphs:

“F. System No. 25 Exposed FRP, PVC: Use on the following items or areas:

1. All exposed-to-view PVC and CPVC surfaces and FRP surfaces without integral UV resistant gel coat.”

SECTION 26 05 01, ELECTRICAL

1. Page 10, paragraph 2.08.B, **DELETE** in its entirety and **REPLACE** with the following:

“B. Ground Conductors: As shown on the drawings.”

2. Page 11, paragraph 2.08, **ADD** the following:

“D. Grounding Wells:

1. H-20 rated ground rod box complete with cast iron riser ring and H-20 traffic rated cover marked GROUND ROD.
2. Manufacturers and Products:
 - a. Christy Co./Old Castle: No. G5.
 - b. Lightning and Grounding Systems, Inc.: I-R Series.”

3. Page 12, **ADD** the following:

“2.11 NAMEPLATES

- A. Material: Laminated plastic.
- B. Attachment Screws: Stainless steel.
- C. Color: White. Engraved to a black core.

D. Letter Height:

1. Pushbuttons/Selector Switches: 1/8 inch.
2. Other Electrical Equipment: ¼ inch.

“2.12 SIGNS AND LABELS

- A. Sign size, lettering, and color shall be in accordance with NEMA Z535.4.”

4. Page 22, paragraph 3.12, **ADD** the following:

“1. Ground Wells:

1. Install riser ring and cover flush with surface or grade.
2. Place 12 inches of crushed rock in bottom of each well.”

5. Page 23, **ADD** the following:

“3.14 NAMEPLATES, SIGNS, AND LABELS

A. Arc Flash Protection Warning Signs and Labels:

1. Field mark Main Circuit Breaker, Automatic Transfer Switch, Pump Control Panel, Generator Circuit Breaker/Control Panel and Mini Power Center to warn qualified persons of potential arc-flash hazards. Locate marking so to be clearly visible to persons before working on energized equipment.
2. Calculate arc flash boundary and energy in accordance with NFPA 70E and IEEE 1584. Determine level of personnel protective equipment (PPE) required. Warning label on equipment shall include flash hazard boundary, energy level, PPE level and description, shock hazard, bolted fault current, and equipment name.
3. Use available short circuit current obtained from the electrical utility (KEYS Energy).

B. Equipment Nameplates:

1. Provide a nameplate to label electrical equipment including Main Circuit Breaker, Automatic Transfer Switch, Pump Control Panel, Generator, Mini Power Center, terminal junction boxes, and control stations.

2. Main Circuit Breaker, Automatic Transfer Switch, Pump Control Panel, and Mini Power Center nameplates shall include equipment designation, service voltage, and phases.
3. Generator and terminal junction box nameplates shall include equipment designation.
4. Pump Control Panel and control station nameplates shall include name and number of equipment powered or controlled by that device."

SECTION 26 32 13.13, DIESEL ENGINE GENERATOR SET

1. Page 7, paragraph 2.05.H.1.a, **MODIFY** the last sentence to read as follows:
"The generator housing shall comply with the Florida Building Code. Additionally, the design wind speed for the generator housing shall be 175mph."
2. Page 7, paragraph 2.05.H.1.b, in the second sentence after the word "wider" **ADD** "than".
3. Page 13, paragraph 3.03.B.5, at the end of the sentence **ADD** "and specified controls and functions"

SECTION 31 23 19.01, DEWATERING

1. Page 1, PARAGRAPH 3.01.E, after the word "any" **ADD** "sanitary sewer system".

SECTION 31 23 23.15, TRENCH BACKFILL

1. Page 3, paragraph 2.03.A, at end of the last sentence **ADD** "and shall be wrapped in Geotextile."
2. Page 5, paragraph 3.03.A, at end of the last sentence **ADD** "and shall be wrapped in Geotextile."
3. Page 6, paragraph 3.05.C, before the first sentence **ADD** "Material to be wrapped in Geotextile according to the Drawings."
4. Page 6, paragraph 3.06.A.1, after the last sentence **ADD** "Use connecting clips."
5. Page 7, paragraph 3.07.C.7, after the last sentence **ADD** "Wrap mechanical joints to protect bolts prior to encasing."

SECTION 32 12 16, ASPHALT PAVING

1. Page 7, paragraph 3.06.C.1.a, **DELETE** "is greater" and **INSERT** "comes first".
2. Page 7, paragraph 3.06.C.1.b, **DELETE** "is greater" and **INSERT** "comes first".
3. Page 7, paragraph 3.06.C.2, **DELETE** "is greater" and **INSERT** "comes first".

SECTION 32 31 13, CHAIN LINK FENCES AND GATES

1. Page 3, paragraph 1.06.A, **ADD** "4. Loosening of posts and rails."
2. Page 7, paragraph 3.03.E, after the last sentence **ADD** "Capping hardened post encasement is not acceptable. Slope to be monolithically poured with encasement."

SECTION 40 27 00, PROCESS PIPING – GENERAL

1. Page 5, paragraph 1.05, **ADD** the following new item:
 - "6. Detailed pump station piping shop drawings shall be submitted in a timely manner to properly coordinate and locate hatches in top slab."
2. Page 9, paragraph 2.08.B, **CHANGE** ".5" TO "5"
3. Page 9, paragraph 2.08.G, **DELETE** item 1 and **REPLACE** with the following:
 - "1. Reef Industries, Terra Tape, Sentry Line Detectable.
 2. Mutual Industries, Detectable Tape.
 3. Presco; Detectable Tape.
4. Page 16, paragraph 3.12.A, first line, **DELETE** "...plastic..."
5. Page 17, paragraph 3.12.D, **ADD** the following new paragraph and **RENUMBER** subsequent paragraph:
 - "E. Pipe Color Coding: In accordance with Piping Schedule."
6. Page 17, paragraph 3.13, **DELETE** paragraph B in its entirety.
7. Page 18, paragraph 3.14, second line, **DELETE** "...for the following services." **DELETE** item 1, in its entirety.

SECTION 40 27 00.14, POLYVINYL CHLORIDE (PVC AWWA C900/C905) PIPE AND FITTINGS

1. Page 3, paragraph 2.08, **DELETE** "PVC" from the title of this paragraph.
2. Page 5, paragraph 3.03.C, first line, after rings, **ADD** "...and joint lubricant..."
3. Page 5, paragraph 3.07, **ADD** the following new paragraph:
 - "B Provide continuous level support for pipe barrel, without any bridging."

SECTION 40 27 01, PIPING SPECIALTIES

1. **DELETE** this Section in its entirety and **REPLACE** with the Revised Section 40 27 0, attached.

SECTION 40 27 02, VALVES AND OPERATORS

1. **DELETE** this Section in its entirety and **REPLACE** with the Revised Section 40 27 02, attached.

SECTION 40 27 05, PIPE CORROSION PROTECTION

2. Page 1, After 2.01, **ADD** the following:
 - “2.02 POLYETHYLENE ENCASEMENT (BAGGING)
 - A. Encasement Tube: Black polyethylene encasement tube, 8 mils minimum thickness, conforming to AWWA C105/A21.5 free of gels, streaks, pinholes, foreign matter, undispersed raw materials, and visible defects such as tears, and blisters, and thinning at folds.
 - B. Securing Tape: Thermoplastic tape, 8 mils minimum thickness, 1-inch wide pressure sensitive adhesive face capable of bonding to metal, bituminous coating, and polyethylene encasement tube.”
4. Page 2, paragraph 3.01.B.2, **ADD** “...and polyethylene encasement.”
5. Page 2, paragraph 3.01.B.3, **ADD** “...and polyethylene encasement”
6. Page 2, paragraph 3.01.D **ADD** the following new paragraph and **RENUMBER** the subsequent paragraphs:
 - “E. Polyethylene Encasement: Install in accordance with AWWA C105/A21.5 and manufacturer’s instructions.”

SECTION 40 90 01, INSTRUMENTATION AND CONTROL FOR PROCESS SYSTEMS

1. Page 15, paragraph 2.02.E, **DELETE** in its entirety and **REPLACE** with “Warranty: In accordance with General Conditions Section 13.07 and as amended in Supplemental Conditions.”

SECTION 44 42 40.01, DETAIL PUMP SPECIFICATION FOR SUBMERSIBLE AXIAL FLOW TYPE PUMPS

1. Page 6, paragraph 2.05.G.5, **DELETE** in its entirety and **REPLACE** with the following:
 - “5. Provide intrinsically safe relays in the control panel for signals entering panel from classified areas in accordance with the NEC. Provide intrinsically safe circuits as specified in Section 40 99 90, Package Control Systems. As a minimum, intrinsic safety barriers shall be used for float signals and pressure transmitters. Intrinsically safe relays are not required if field device is explosion proof.”

2. Page 7, paragraph 2.05.g.10, **DELETE** in its entirety and **REPLACE** with the following;
10. "Provide a pressure transmitter for each drainage well with the following features:
 2. General:
 - a. Function: Measure pressure and transmit signal proportional to pressure.
 - b. Type:
 - 2) Two-wire transmitter.
 - c. Parts: Transmitter and accessories.
 3. Performance:
 - a. Range: 0-15 psi.
 - 2) Select transmitter's factory upper range limit (URL) such that upper boundary of noted range is as close as possible to 80 percent of factory URL, but does not exceed it.
 - b. Accuracy: Plus or minus 0.2 percent of span, unless otherwise noted.
 - c. Operating Temperature: Minus 40 degrees F to plus 190 degrees F.
 4. Features:
 - a. Type: Gauge pressure, unless otherwise noted.
 - b. Wetted Metallic Parts: Stainless steel, unless otherwise noted.
 - c. Bolts and Nuts (if required): Type 316 stainless steel, unless otherwise noted.
 - d. Burst Pressure: 5 times full scale pressure range.
 - e. Pressure Response: Less than 5 ms.
 - f. Intrinsically safe required.
 5. Process Connections: 1/4-inch NPT Female.
 6. Signal Interface: 4-20 mA dc output.
 7. Enclosure:
 - a. Type: NEMA 6P/IP68.
 - b. Materials: Stainless steel.
 8. Accessories:
 - a. Cable: Polyurethane jacket non-vented cable, neoprene grommet with 1/2-inch NPT male, length as required.
 9. Manufacturers and Products:
 - a. Blue Ribbon Model BR311Z.
 - b. Approved equal."

SECTION 44 42 28, WEIR PLATES

1. **ADD** this section to the job, Section 44 42 28, Weir Plates, attached.

SECTION 44 42 40, SUBMERSIBLE AXIAL FLOW PUMPS – GENERAL

1. Page 4, paragraph 3.05, **ADD** the following:

“B. Contractor to demonstrate satisfactory performance by conducting a pumping test on each installed pump. Pump continuously for a 30-minute period to either the outfall or stormwater disposal wells as selected by the Engineer. Measure pumped flow rate and total discharge head for each pump throughout the test period. A total of six readings to be reported spaced approximately 5 minutes apart. Total discharge head developed by the pump to be determined by pressure gauge reading in the valve vault in conjunction with measurements of the free water surface elevation in the sump wet well. Flow rate to be measured by a temporary flowmeter furnished and installed by the Contractor on Pump Station discharge line. The flowmeter and its installation shall meet the following requirements:

1. Flowmeter to be a portable strap on device installed downstream of the pump station structure. Contractor to provide a suitable area along the buried transmission main alignment for the test. Location of temporary flowmeter installation shall be not less than 10 pipe diameters distant from any downstream bends, valves, or obstructions.
2. Contractor to provide a dry suitably sheet/shored area for installation of the flowmeter.
3. Flowmeter shall be a Thermo Process Instruments Model DCT7088-2-16A portable digital correlation transit time flowmeter with all accessories, or equal. Flowmeter to be operated by a factory certified technician. The Florida representative for Thermo Process Instruments is Gilson Engineering Sales at 800-860-499; Alan Vance, Point of contact.”

SECTION 44 42 40.01, DPS FOR SUBMERSIBLE AXIAL FLOW TYPE PUMPS

2. Page 7, paragraph 2.05, Item 10, fourth line, **CHANGE**
“...15 psi...” TO “...25 psi “
3. Page 12, paragraph 3.03.A **ADD** the following new paragraph:

“B. Contractor shall field verify coating system millage and conduct holiday tests in presence of the Engineer on the pump can prior to setting the cans. All repairs and retest shall be completed before cans are installed. Contractor shall provide all necessary protection to cans to ensure no damage is done during installation of the cans or pumps into the cans.”

SECTION 44 64 20, VORTEX GRIT CHAMBER EQUIPMENT

1. Page 3, paragraph 2.01.A, the TABLE performance Criteria, Overflow Pipe Diameter (in) **CHANGE** "30" to "36".
2. Page 3, paragraph 2.01.A, the TABLE performance Criteria, Inlet Pipe Diameter (in) **CHANGE** "36" to "30"

DRAWINGS

1. Drawings **DELETED** and **REPLACED**:
Structural
 S-202; S-203; S-204; S-205; S-501; S-502; S-503; S-04
Process
 D-201
2. Drawing E-601 (Addendum No. 1) **DELETE** in its entirety and **REPLACE** with Drawing E-804, attached
3. Drawings E-802: Standard Details; Antenna Detail 4091-412; Note 3; **DELETE** "175 MILES" and **INSERT** "150 mph"

All Bidders shall acknowledge receipt of Addendum No. 2 in the Bid Form. Bids submitted without this acknowledgement will be considered informal.

CH2M HILL

Andrew Smyth, P.E.

ATTACHMENTS:

Section 40 27 01, Piping Specialties, attached.
 Section 40 27 02, Valves and Operators, attached.
 Section 44 42 28, Weir Plates, attached.
 Drawings:

Structural

S-202; S-203; S-204; S-205; S-501; S-502; S-503; S-04, attached.

Process

D-201, attached.

Electrical

E-804, attached.

END OF ADDENDUM