

CONTRACT DOCUMENTS FOR:



ITB #21-019

**WATER TESTING
KEY WEST BIGHT
KEY WEST BIGHT FERRY TERMINAL
CITY MARINA at GARRISON BIGHT**

SEPTEMBER 2021

CITY OF KEY WEST

MAYOR: TERI JOHNSTON

COMMISSIONERS:

JIMMY WEEKLEY

SAMUEL KAUFMAN

BILLY WARDLOW

GREGORY DAVILA

MARY LOU HOOVER

CLAYTON LOPEZ

PREPARED BY:
Port & Marine Services

CITY OF KEY WEST
AND THE
CAROLINE STREET AND BAHAMA VILLAGE
COMMUNITY REDEVELOPMENT AGENCY

KEY WEST, FLORIDA

DOCUMENTS

for

WATER TESTING

CONSISTING OF:

PROCUREMENT REQUIREMENTS
CONTRACT FORMS
SCOPE OF WORK
SUPPLEMENTAL INFORMATION

KEY WEST BIGHT
KEY WEST BIGHT FERRY TERMINAL
CITY MARINA at GARRISON BIGHT

SEPTEMBER 2021

TABLE OF CONTENTS

	<u>Page</u>
PART 1 - <u>BIDDING REQUIREMENTS</u>	
INVITATION TO BID	1
INSTRUCTIONS TO BIDDERS	2
BID FORM	8
BID BOND	17
ANTI-KICKBACK AFFIDAVIT.....	19
PUBLIC ENTITIES CRIME FORM.....	20
CITY OF KEY WEST INDEMNIFICATION.....	22
EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT.....	23
CONE OF SILENCE	24
SCRUTINIZED COMPANIES LIST CERTIFICATION	25
NON-COLLUSION AFFIDAVIT.....	26
LOCAL VENDOR CERTIFICATION.....	27
BIDDER'S CHECKLIST.....	28
PART 2 - <u>CONTRACT FORMS</u>	
CONTRACT	29
LICENSE REQUIREMENT AND COST	31
INSURANCE REQUIREMENTS.....	32
PART 3 – <u>SCOPE OF WORK</u>	
SCOPE OF WORK.....	35
PART 4 – <u>SUPPLEMENTAL INFORMATION</u>	
LOCATION MAP – ATTACHMENT A.....	40
LOCATION MAP – ATTACHMENT B.....	41
TESTING REQUIRMENTS KWB SUBMERGED LANDS – ATTACHMENT C.....	42

PART 1

BIDDING REQUIREMENTS

INVITATION TO BID

Sealed Bids for City of Key West and the City of Key West Caroline Street and Bahama Village Community Redevelopment Agency (CITY) “**WATER TESTING,**” addressed to the City of Key West, will be received at the office of the City Clerk, 1300 White Street, Key West, Florida until **3:00 p.m.**, local time, on the **6th day of October 2021**, and then will be publicly opened and read. Any bids received after the time and date specified will not be considered.

Please submit one (1) original bid package and two (2) electronic copies on USB drives with a single PDF file of the entire bid package. Bid package shall be enclosed in a sealed envelope, clearly marked on the outside “**ITB #21-019 WATER TESTING – KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL and CITY MARINA at GARRISON BIGHT**” addressed and delivered to the City Clerk at the address noted above.

The City is seeking BIDS from qualified individuals or firms to provide all equipment, labor, and materials necessary to accomplish the following:

- Sampling and Analyses of water and sediment samples at Key West Bight/Key West Bight Ferry Terminal, and City Marina at Garrison Bight

EACH BID MUST BE SUBMITTED ON THE PRESCRIBED FORM AND ACCOMPANIED BY BID SECURITY AS PRESCRIBED IN THE INSTRUCTIONS TO BIDDERS, PAYABLE TO THE CITY OF KEY WEST, FLORIDA, IN AN AMOUNT NOT LESS THAN FIVE (5) PERCENT OF THE AMOUNT BID.

For information concerning the proposed work please contact Karen Olson, Deputy Director, Port and Marine Services by email at kolson@cityofkeywest-fl.gov. Verbal communications, per the City’s “Cone of Silence” ordinance are not allowed.

As stated above at the time of the BID submittal the Bidder must provide satisfactory documentation of State Licenses. The Bidder shall furnish documentation showing that he is in compliance with the licensing requirements of County, and City licenses as would be required within ten days of the award. The successful Bidder must also be able to satisfy the City Attorney as to such insurance coverage and legal requirements as may be demanded by the Proposal in question. The CITY may reject BID for any and/or all of the following reasons: (1) for budgetary reasons, (2) if the proposer misstates or conceals a material fact in its bid, (3) if the proposal does not strictly conform to the law or is non-responsive to the bid requirements, (4) if the proposal is conditional, or (5) if a change of circumstances occurs making the purpose of the proposal unnecessary to the CITY. (6) if such rejection is in the best interest of the CITY. The CITY may also waive any minor formalities or irregularities in any proposal.

The CITY retains the right to award bid to the bidder that best meet the needs of the City.

* * * * *

INSTRUCTIONS TO BIDDERS

1. CONTRACT DOCUMENTS

A. FORMAT

The Contract Documents are divided into parts, divisions, and sections for convenient organization and reference. Generally, there has been no attempt to divide the Specification sections into work performed by the various building trades, work by separate subcontractors, or work required for separate facilities in the Project.

B. DOCUMENT INTERPRETATION

Separate sections contained within these Contract Documents are intended to be mutually cooperative and provide all details reasonably required for the execution of proposed work.

Should there be any doubt as to the meaning or intent of said Contract Documents, the Bidder should request of the Deputy Port and Marine Services Director, in writing (at least 8 calendar days prior to Bid opening an interpretation thereof. Any interpretation or change in said Contract Documents will be made only in writing in the form of Addenda to the Documents, which will be furnished to all registered holders of Contract Documents. Bidders shall submit with their Bids, or indicate receipt of all Addenda. The Owner will not be responsible for any other explanation or interpretations of said Documents.

2. SCOPE OF SERVICES

A general description of the work to be done is contained in the Scope of Services section.

3. REQUIRED QUALIFICATIONS

The prospective Proposers must meet the statutorily prescribed requirements before award of Contract by the CITY. Proposers must hold or obtain all licenses and/or certificates as required by the State and Local Statutes in order to bid and perform the work specified herein.

4. BIDDER'S UNDERSTANDING

Each Proposer must inform himself of the conditions relating to the execution of the work and make himself thoroughly familiar with all the Contract Documents. Failure to do so will not relieve the successful Proposer of his obligation to enter into a Contract and complete the contemplated work in strict accordance with the Contract Documents.

Each Proposer shall inform himself of, and the Proposer awarded a Contract shall comply with, federal, state, and local laws, statutes, and ordinances relative to the execution of the work. This requirement includes, but is not limited to, applicable regulations concerning minimum wage rates, nondiscrimination in the employment of labor, protection of public and employee safety and health, environmental protection, the protection of natural resources, fire protection, permits, fees, and similar subjects.

5. TYPE OF BID

UNIT PRICE

The Proposal for the work is to be submitted on a unit price basis. All items required to complete the work specified or shown on the Drawings but not included in the Proposal shall be considered incidental to those set forth in the Proposal. Payment to the Contractor will be made on the measurement of the work actually performed by the Contractor, as specified in the Contract Documents.

The Bidder further proposes to accept as full payment for the Work proposed herein, the amounts computed under the provisions of the Contract Documents and based on the following unit price amounts. The Bidder agrees that the unit prices include all allowances for overhead and profit for each type and unit of work called for in these Contract Documents.

6. PREPARATION OF BIDS

A. GENERAL

All blank spaces in the BID form must be filled in for all schedules and associated parts, as required, preferably in BLACK INK. All price information shall be clearly shown in both words and figures where required. No changes shall be made in the phraseology of the forms. Written amounts shall govern in case of discrepancy between the amounts stated in writing and the amounts stated in figures. In case of discrepancy between unit prices and extended totals, unit prices shall prevail.

Any BID shall be deemed informal which contains omissions, erasures, alterations, or additions of any kind, or prices uncalled for, or in which any of the prices are obviously unbalanced, or which in any manner shall fail to conform to the conditions of the published Invitation to BID.

Only one BID from any individual, firm, partnership, or corporation, under the same or different names, will be considered. Should it appear to the Owner that any Bidder is interested in more than one BID for work contemplated; all Bids in which such Bidder is interested will be rejected.

B. SIGNATURE

The Bidder shall sign his BID in the blank space provided therefor. If Bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign Contracts on behalf of the corporation. If Bidder is a partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign Contracts in behalf of the partnership. If signature is by an agent, other than an officer of a corporation or a member of a partnership, a notarized power-of-attorney must be on file with the Owner prior to opening of Bids or submitted with the Bid otherwise the Bid will be regarded as not properly authorized.

C. SPECIAL BIDDING REQUIREMENTS

The Bidder shall submit with his Bid his experience record showing his experience and expertise in water testing and related work. Such experience record shall provide at least five current or recent projects of similar work, not more than 5 years old within the State Florida and preferably Monroe County. For each project the following information shall be provided:

1. Description and location of work.
2. Contract amount.
3. Dates work was performed.
4. Owner.
5. Name of Owner's contact person and phone number.

The bidder shall submit with his bid a list of items to be performed by his own labor and that performed by subcontractors or others.

D. ATTACHMENTS

Bidder shall complete and submit the following forms with his bid:

1. Anti-Kickback Affidavit
2. Public Entity Crimes Form
3. City of Key West Indemnification Form
4. Equal Benefits for Domestic Partners Affidavit
5. Cone of Silence
6. Local Vendor Certification
7. Non-Collusion Affidavit
8. Proof of Required Insurance

7. MODIFICATION OR WITHDRAWAL OF BID

Prior to the time and date designated for receipt of Bids, any Bid submitted may be withdrawn by notice to the party receiving Bids at the place designated for receipt of Bids. Such notice shall be in writing over the signature of the Bidder or by telegram. If by telegram, written confirmation over the signature of the Bidder shall be mailed and postmarked on or before the date and time set for receipt of Bids. No Bid may be withdrawn after the time scheduled for opening of Bids unless the time specified in paragraph AWARD OF CONTRACT of these Instructions to Bidders shall have elapsed.

8. BID SECURITY

BIDS must be accompanied by cash, a certified check, or cashier's check drawn on a bank in good standing, or a bid bond issued by a Surety authorized to issue such bonds in the state where the work is located, in the amount of five (5) percent of the total amount of the Proposal submitted. This bid security shall be given as a guarantee that the Bidder will not withdraw his BID for a period of ninety (90) days after bid opening, and that if awarded the Contract, the successful Bidder will execute the attached Contract and furnish properly executed Performance and Payment Bonds, each in the full amount of the Contract price within the time specified. Agent and Surety phone numbers must be provided.

The Attorney-in-Fact who executes this bond in behalf of the Surety must attach a notarized copy of his power-of-attorney as evidence of his authority to bind the Surety on the date of execution of the bond. Where State Statute requires, certification by a resident agent shall also be provided.

If the Bidder elects to furnish a Bid Bond, he shall use the Bid Bond form bound herewith, or one conforming substantially thereto in form and content.

9. AWARD OF CONTRACT

Within 90 calendar days after the opening of Bids the CITY will accept one or more of the Bids. The acceptance of the Bid will be by written notice of award mailed to the office designated in the Bid or delivered to the Bidder's representative.

The CITY reserves the right to accept or reject any or all Bids and to waive any formalities and irregularities in said Bids.

10. BASIS OF AWARD

The award will be made by the Owner on the basis of the BID from the lowest, responsive, responsible BIDDER which, in the Owner's sole and absolute judgment will best serve the interest of the Owner.

11. EXECUTION OF CONTRACT

The successful Bidder shall, within 10 working days after receiving Notice of Award, sign and deliver to the Owner a Contract in the form hereto attached together with the insurance certificate examples of the bonds as required in the Contract Documents and evidence of holding required licenses and certificates. Within 10 working days after receiving the signed Contract from the successful Bidder, the Owner's authorized agent will sign the Contract. Signature by both parties constitutes execution of the Contract.

12. CONTRACT BONDS

A. PERFORMANCE AND PAYMENT BONDS (NOT APPLICABLE)

The successful Bidder shall file with the CITY, at the time of delivery of the signed Contract, a Performance Bond and Payment Bond on the form bound herewith, each in the full amount of the Contract price in accordance with the requirements of Florida Statutes Section 255.05 or 713.23, as applicable, as security for the faithful performance of the Contract and the payment of all persons supplying labor and materials for the construction of the work, and to cover all guarantees against defective workmanship or materials, or both, during the warranty period following the date of final acceptance of the work by the CITY. The Surety furnishing this bond shall have a sound financial standing and a record of service satisfactory to the CITY, shall be authorized to do business in the State of Florida, and shall be listed on the current U.S. Department of Treasury Circular Number 570, or amendments thereto in the Federal Register, of acceptable Sureties for federal projects. The CONTRACTOR shall supply the OWNER with phone numbers, addresses, and contacts for the Surety and their agents. Pursuant to Section 255.05(7), Florida Statutes, in lieu of the bond required by law, the contractor may file with the city an alternative form of security in the form of cash, a money order, a certified check, a cashier's check or an irrevocable letter of credit.

B. POWER-OF-ATTORNEY

The Attorney-in-Fact (Resident Agent) who executes this Performance and Payment Bond in behalf of the Surety must attach a notarized copy of his power-of-attorney as evidence of his authority to bind the Surety on the date of execution of the bond. All

Contracts, Performance and Payment Bonds, and respective powers-of-attorney will have the same date.

13. FAILURE TO EXECUTE CONTRACT AND FURNISH BOND

The Bidder who has a Contract awarded to him and who fails to promptly and properly execute the Contract or furnish the required Bonds shall forfeit the bid security that accompanied his bid, and the bid security shall be retained as liquidated damages by the CITY, and it is agreed that this said sum is a fair estimate of the amount of damages the CITY will sustain in case the Bidder fails to enter into a Contract or furnish the required Bonds. Bid security deposited in the form of cash, a certified check, or cashier's check shall be subject to the same requirement as a Bid Bond.

14. PUBLIC RECORDS REQUIREMENTS

In addition to other contract requirements provided by law, each public agency contract for services must include a provision that requires the contractor to comply with public records laws, specifically to (a) keep and maintain public records that ordinarily and necessarily would be required by the public agency in order to perform the service; (b) provide the public with access to public records on the same terms and conditions that the public agency would provide the records and at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law; (c) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (d) meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the contractor upon termination of the contract and destroy any duplicate public records that exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the public agency in a format that is compatible with the information technology systems of the public agency. If a contractor does not comply with a public records request, the public agency shall enforce the contract provisions in accordance with the contract.

15. 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.

16. TERM OF CONTRACT

The term of the contract will be three (3) years with an option to extend for additional two (2) year terms.

17. PERMITS AND FEES

The Bidder awarded this project shall procure and pay all permits and licenses, charges, and fees, and give notices necessary and incidental to the due and lawful prosecution of the work, the cost of which shall be included in the fee received for the work, except where separately agreed.

18. PAYMENT TERMS

The Contractor will bill the City quarterly. Terms of payment will be a maximum of 45 days from receipt of invoice. The Contractor may bill the City on a more frequent basis if

agreed upon by the Project Manager. The Contractor may also bill the City for materials on site once proof of delivery and storage is provided.

19. SALES AND USE TAXES

The Bidder agrees that all federal, state, and local sales and use taxes are included in the stated lump sum for the work.

* * * * *

BID FORM

To: City of Key West, Florida

Address: 1300 White Street, Key West, Florida 33040

Project Title: WATER TESTING - KEY WEST BIGHT, KEY WEST
BIGHT FERRY TERMINAL and CITY MARINA at GARRISON BIGHT

Project No.: ITB #21-019

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

Company Name: _____

Contact Name & Telephone #: _____

Email Address: _____

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, that he has personally inspected the Project, 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 Proposal.

The Bidder further agrees that the Owner may “non-perform” the work in the event that the low bid is in excess of available funding. Non-performance will be determined prior to Notice of Award.

The intent of the Bid Documents is to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents. Any work, materials, or equipment that may reasonably be inferred from the Contract Documents, as being required to produce the intended result shall be supplied, whether or not specifically called for in the Contract Documents.

ADDENDA

The Bidder hereby acknowledges that he has received Addenda No's. _____, _____, _____, _____. (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.

UNIT PRICE WORK ITEMS

The Bidder further proposes to accept as full payment for the Work proposed herein the amounts computed under the provisions of the Contract Documents and based on the following unit price amounts.

The Bidder agrees that the unit price 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.

* * * * *

BID SCHEDULE – WATER TESTING

UNIT PRICE BID PRICE

Bidder will complete the Work in accordance with the Contract Documents for a unit price fee.

<u>DESCRIPTION</u>	<u>QTY/YR</u>	<u>UNIT PRICE</u>	<u>EXTENDED AMOUNT</u>
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1. Quarterly Sampling – KEY WEST BIGHT (includes all material, labor and equipment for a complete product. Also includes mobilization/demobilization, general conditions and permit fees.)

4 EA	\$ _____	\$ _____
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2. Quarterly Sampling – Key West Bight Ferry Terminal (includes all material, labor and equipment for a complete product. Also includes mobilization/demobilization, general conditions and permit fees.)

4 EA	\$ _____	\$ _____
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3. Annual Sampling – KEY WEST BIGHT (includes all material, labor and equipment for a complete product. Also includes mobilization/demobilization, general conditions and permit fees.)

1 EA	\$ _____	\$ _____
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4. Annual Sampling – Key West Bight Ferry Terminal (includes all material, labor and equipment for a complete product. Also includes mobilization/demobilization, general conditions and permit fees.)

1 EA	\$ _____	\$ _____
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5. Annual Sampling – City Marina at Garrison Bight (includes all material, labor and equipment for a complete product. Also includes mobilization/demobilization, general conditions and permit fees.)

1 EA	\$ _____	\$ _____
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TOTAL OF ALL EXTENDED LINE ITEMS LISTED ABOVE:

Total of unit price items 1 - 5	\$ _____
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_____ Dollars & _____ Cents
(amount written in words)

NOTE: THE TOTAL BID WILL BE THE BASIS OF EVALUATING LOW BIDDER AND BASIS OF AWARD

BIDDER'S INFORMATION

Company Name: _____

Address: _____

Contact Name: _____

Email: _____

Telephone: _____

Fax: _____

Signature: _____ *Date:* _____

CONTRACTOR'S PROJECTED OPERATIONS LOAD AND COST ESTIMATE

List items to be performed by Contractor's own forces and the estimated total cost of these items.
(Use additional sheets if necessary.)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

SURETY

_____ whose address is

_____, _____, _____,
Street City State Zip

Phone Resident Agent

BIDDER

The name of the Bidder submitting this Bid is _____
_____ doing business
at
_____, _____, _____,
Street City State Zip

_____ email address

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:

Name	Title
_____	_____
_____	_____
_____	_____
_____	_____

If Sole Proprietor or Partnership

IN WITNESS hereto the undersigned has set his (its) hand this ____ day of _____ 20__.

Signature of Bidder

Title

If Corporation

IN WITNESS WHEREOF the undersigned corporation has caused this instrument to be executed and its seal affixed by its duly authorized officers this ____ day of _____ 20__.

(SEAL)

Name of Corporation

By _____

Title _____

Attest _____
Secretary

FLORIDA BID BOND

BOND NO. _____

AMOUNT: \$ _____

KNOW ALL MEN BY THESE PRESENTS, that _____

_____ hereinafter called the PRINCIPAL, and _____

_____ a corporation duly organized under the laws of the State of _____

having its principal place of business at _____

_____ in the State of _____,

and authorized to do business in the State of Florida, as SURETY, are held and firmly bound unto

_____ hereinafter CITY OF KEY WEST called the OBLIGEE, in the sum of _____

_____ DOLLARS (\$ _____) for

the payment for which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these present.

THE CONDITION OF THIS BOND IS SUCH THAT:

WHEREAS, the PRINCIPAL is herewith submitting his or its Bid Proposal for Water Testing, 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 CITY), equipment, machinery, tools, apparatus, means of transportation for, and the performance of the

work covered in the Proposal and the detailed Specifications, entitled:

ITB #21-019
WATER TESTING
KEY WEST BIGHT
KEY WEST BIGHT FERRY TERMINAL
CITY MARINA at GARRISON BIGHT

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 CITY for the performance of said Contract, within 10 working days after written notice having been given of the award of the Contract.

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 OBLIGEE and furnishes the Performance and Payment Bonds, each in an amount equal to 100 percent of the base bid, satisfactory to the CITY, then this obligation shall be void; otherwise the sum herein stated shall be due and payable to the OBLIGEE and the Surety herein agrees to pay said sum immediately upon demand of the OBLIGEE in good and lawful money of the United States of America, as liquidated damages for failure thereof of said PRINCIPAL.

Signed and sealed this _____ day of _____, 20__.

By _____
PRINCIPAL

SURETY

By _____
Attorney-In-Fact

ANTI-KICKBACK AFFIDAVIT

STATE OF _____)

: SS

COUNTY OF _____)

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: _____

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

NOTARY PUBLIC, State of Florida at Large

My Commission Expires:

* * * * *

**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 _____

2. This sworn statement is submitted by _____
(name of entity submitting sworn statement)

whose business address is _____

and (if applicable) its Federal Employer Identification Number (FEIN) is _____

(If the entity has no FEIN, include the Social Security Number of the individual
signing this sworn statement _____

3. My name is _____
(please print name of individual signing)

and my relationship to the entity named above is _____

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).

____ 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.)

(signature)

(date)

STATE OF _____

COUNTY OF _____

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

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

signature in the space provided above on this _____ day of _____, 20__.

My commission expires:

NOTARY PUBLIC

CITY OF KEY WEST INDEMNIFICATION FORM

To the fullest extent permitted by law, the CONTRACTOR expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents and employees *(herein called the "indemnitees") from liabilities, damages, losses and costs, including but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONTRACTOR, its Subcontractors or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONTRACTOR's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONTRACTOR under Workers' Compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONTRACTOR or of any third party to whom CONTRACTOR may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: _____

SEAL:

Address

Signature

Print Name

Title

DATE: _____

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF _____)

: SS

COUNTY OF _____)

I, the undersigned hereby duly sworn, depose and say that the firm of _____

_____ provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses, per City of Key West Code of Ordinances Sec. 2-799.

By: _____

Sworn and subscribed before me this _____ day of _____ 20 ____.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires:

* * * * *

CONE OF SILENCE AFFIDAVIT

STATE OF _____)

: SS

COUNTY OF _____)

I, the undersigned hereby duly sworn, depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of _____ have read and understand the limitations and procedures regarding communications concerning City of Key West Code of Ordinances Sec. 2-773 Cone of Silence.

By: _____

Sworn and subscribed before me this

_____ day of _____ 20_____.

NOTARY PUBLIC, State of _____ at Large

My Commission Expires: _____

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Respondent Vendor Name: _____
Vendor FEIN: _____
Vendor's Authorized Representative Name and Title: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone Number: _____
Email Address: _____

Section 287.135(2)(a), Florida Statutes, prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services of any amount if, at the time of contracting or renewal, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to section 215.4725, Florida Statutes, or is engaged in a boycott of Israel. Section 287.135(2)(b), Florida Statutes, further prohibits a company from bidding on, submitting a proposal for, or entering into or renewing a contract for goods or services over one million dollars (\$1,000,000) if, at the time of contracting or renewal, the company is on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, both created pursuant to section 215.473, Florida Statutes, or the company is engaged in business operations in Cuba or Syria.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies that Boycott Israel List, Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject such company to civil penalties, attorney's fees, and/or costs and termination of the contract at the option of the awarding governmental entity.

Certified By: _____, <i>Print Name</i> <i>Print Title</i>
who is authorized to sign on behalf of the above referenced company.
Authorized Signature: _____

**LOCAL VENDOR CERTIFICATION
PURSUANT TO CITY OF KEY WEST CODE OF ORDINANCES SECTION 2-798**

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a. Principle address as registered with the FL Department of State located within 30 miles of the boundaries of the city, listed with the chief licensing official as having a business tax receipt with its principle address within 30 miles of the boundaries of the city for at least one year immediately prior to the issuance of the solicitation.
- b. Maintains a workforce of at least 50 percent of its employees from the city or within 30 miles of its boundaries.
- c. Having paid all current license taxes and any other fees due the city at least 24 hours prior to the publication of the call for bids or request for proposals.
 - Not a local vendor pursuant to Code of Ordinances Section 2-798
 - Qualifies as a local vendor pursuant to Code of Ordinances Section 2-798

If you qualify, please complete the following in support of the self-certification & submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name

Phone:

Current Local Address:

Fax:

(P.O Box numbers may not be used to establish status)

Length of time at this address

Signature of Authorized Representative

Date

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20__.

By _____, of _____
(Name of officer or agent, title of officer or agent) Name of corporation acknowledging)
or has produced _____ as identification
(type of identification)

Signature of Notary

Print, Type or Stamp Name of Notary

Title or Rank

Return Completed form with
Supporting documents to:
City of Key West Purchasing

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
2. All blank spaces in Bid filled in black ink.
3. Total and unit Prices added correctly.
4. Addenda acknowledged.
5. Subcontractors are named as indicated in the Bid.
6. Experience record included.
7. Bid signed by authorized officer.
8. Bid Bond completed and executed, including power-of-attorney, dated the same date as Bid Bond.
9. Bidder familiar with federal, state, and local laws, ordinances, rules and regulations affecting performance of the work.
10. Bidder, if successful, able to obtain and/or demonstrate possession of required licenses and certificates within (10) ten days after receiving a Notice of Award.
11. Bid submitted intact with the volume containing the Bidding Requirements, Contract Forms and Conditions of the Contract, one (1) original, two (2) USB drives.
12. Bid Documents submitted in sealed envelope and addressed and labeled in conformance with the instructions in the Invitation to Bid.
13. Anti-kickback Affidavit; Public Entity Crime Form; City of Key West Indemnification Equal Benefits for Domestic Partners Affidavit; Local Vendor Certification; Non-Collusion Affidavit; Proof of Required Insurance

* * * * *

PART 2

CONTRACT FORMS

CONTRACT AGREEMENT

This Contract, made and entered into _____ day of _____ 20____,
by and between the City of Key West, hereinafter called the "Owner", and
_____, hereinafter called the "Contractor";

WITNESSETH:

The Contractor, in consideration of the sum to be paid him by the Owner and of the covenants and agreements herein contained, hereby agrees at his own proper cost and expense to do all the work and furnish all the materials, tools, labor, and all appliances, machinery, and appurtenances for **ITB #21-019 WATER TESTING - KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL and CITY MARINA at GARRISON BIGHT**

Key West, Florida to the extent of the Bid made by the Contractor, dated the _____ day of _____, 20____, all in full compliance with the Contract Documents referred to herein.

The PROCUREMENT REQUIREMENTS, including the signed copy of the BID FORM, the CONTRACT FORMS, the SCOPE OF WORK, DRAWINGS and/or SUPPLEMENTAL INFORMATION (if any), which consists of WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA at GARRISON BIGHT are hereby referred to and by reference made a part of this Contract as fully and completely as if the same were fully set forth herein and are mutually cooperative therewith.

In consideration of the performance of the work as set forth in these Contract Documents, the Owner agrees to pay to the Contractor the amount bid in the Bid as adjusted in accordance with the Contract Documents, or as otherwise herein provided, and to make such payments in the manner and at the times provided in the Contract Documents.

The Contractor agrees that the Contract period is for three (3) years with the Owner having an option to renew at the same terms for additional two (2) year terms. The Contract shall begin on the date this Contract is entered into.

This contract will automatically expire upon completion of the project. Contractors warranty obligations remain in affect.

IN WITNESS WHEREOF, we, the parties hereto, each herewith subscribe the same this

_____ day of _____, A.D., 20_____.

CITY OF KEY WEST

By_____

Printed _____

Title_____

CONTRACTOR

By_____

Printed _____

Title_____

APPROVED AS TO FORM

Attorney for Owner

* * * * *

LICENSE REQUIREMENT AND COST

License required for this Project. Contractor must be general contractor or building contractor.

Cost Not To Exceed \$410.00.

CITY OF KEY WEST BUSINESS LICENSE TAX RECEIPT

A City of Key West Business License Tax Receipt is required for this project. Contractor must be general contractor, building contractor or engineering contractor. Cost not to exceed \$410.00.

City of Key West Business License Tax Receipt may be found on the city website.

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

INSURANCE REQUIREMENTS

1. GENERAL INSURANCE REQUIREMENTS:

- 1.1. During the Term of the Agreement, the Contractor shall provide, pay for, and maintain with insurance companies satisfactory to the City of Key West, Florida ("City"), the types of insurance described herein.
- 1.2. All insurance shall be from responsible insurance companies eligible to do business in the State of Florida. The required policies of insurance shall be performable in Monroe County, Florida, and shall be construed in accordance with the laws of the State of Florida.
- 1.3. The City shall be specifically included as an additional insured on the Contractor's Liability policies with the exception of the Contractor's Professional Liability policies (if required) and shall also provide the "Severability of Interest" provision (a/k/a "Separation of Insured's" provision). The City's additional insured status should be extended to all Completed Operations coverages.
- 1.4. The Contractor shall deliver to the City, prior to commencing work/activities under the Agreement, properly executed "Certificate(s) of Insurance" setting forth the insurance coverage and limits required herein. The Certificates must be signed by the authorized representative of the insurance company(s) shown on the Certificate of Insurance. In addition, certified, true, and exact copies of the insurance policies required herein shall be provided to the City, on a timely basis, if requested by the City.
- 1.5. If the Contractor fails to provide or maintain the insurance coverages required in this Agreement at any time during the Term of the Agreement and if the Contractor refuses or otherwise neglects to deliver the required Certificate(s) of Insurance signed by the authorized representative of the insurance company(s) to the City, the City may, at the City's sole discretion, terminate or suspend this Agreement and seize the amount of Contractor's performance bond, letter of credit, or other security acceptable to the City).
- 1.6. The Contractor shall take immediate steps to make up any impairment to any Aggregate Policy Limit upon notification of the impairment. If at any time the City requests a written statement from the insurance company(s) as to any impairment to the Aggregate Limit, the Contractor shall promptly authorize and have delivered such statement to the City.
- 1.7. The Contractor authorizes the City and/or its insurance consultant to confirm all information furnished to the City, as to its compliance with its Bonds and Insurance Requirements, with the Contractor's insurance agents, brokers, surety, and insurance carriers.
- 1.8. All insurance coverage of the Contractor shall be primary to any insurance or self-insurance program carried by the City. The City's insurance or self-insurance programs or coverage shall not be contributory with any insurance required of the Contractor in this Agreement.
- 1.9. The acceptance of delivery to the City of any Certificate of Insurance evidencing the insurance coverage and limits required in the Agreement does not constitute approval or agreement by the City that the insurance requirements in the Agreement have been met or that the insurance policies shown in the Certificates of Insurance are in compliance with the Agreement requirements.
- 1.10. No work/activity under this Agreement shall commence or continue unless and until the required Certificate(s) of Insurance are in effect and the written Notice to Proceed is issued by the City.

- 1.11. The insurance coverage and limits required of the Contractor under this Agreement are designed to meet the minimum requirements of the City. They are not designed as a recommended insurance program for the Contractor. The Contractor alone shall be responsible for the sufficiency of its own insurance program. Should the Contractor have any question concerning its exposures to loss under this Agreement or the possible insurance coverage needed therefore, it should seek professional assistance.
- 1.12. During the Term of this Agreement, the City and its agents and contractors may continue to engage in necessary business activities during the operations of the Contractor. No personal property owned by City used in connection with these business activities shall be considered by the Contractor's insurance company as being in the care, custody, or control of the Contractor.
- 1.13. Should any of the required insurances specified in this Agreement provide for a deductible, self-insured retention, self-insured amount, or any scheme other than a fully insured program, the Contractor shall be responsible for all deductibles and self-insured retentions.
- 1.14. All of the required insurance coverages shall be issued as required by law and shall be endorsed, where necessary, to comply with the minimum requirements contained herein.
- 1.15. All policies of insurance required herein shall require that the insurer give the City thirty (30) days advance written notice of any cancellation, intent not to renew any policy and/or any change that will reduce the insurance coverage required in this Agreement, except for the application of the Aggregate Limits Provisions.
- 1.16. Renewal Certificate(s) of Insurance shall be provided to the City at least twenty (20) days prior to expiration of current coverage so that there shall be no termination of the Agreement due to lack of proof of the insurance coverage required of the Contractor.
- 1.17. If the Contractor utilizes contractors or sub-contractors to perform any operations or activities governed by this Agreement, the Contractor will ensure all contractors and sub-contractors to maintain the same types and amounts of insurance required of the Contractor. In addition, the Contractor will ensure that the contractor and sub-contractor insurances comply with all of the Insurance Requirements specified for the Contractor contained within this Agreement. The Contractor shall obtain Certificates of Insurance comparable to those required of the Contractor from all contractors and sub-contractors. Such Certificates of Insurances shall be presented to the City upon request. Contractor's obligation to ensure that all contractor's and sub-contractor's insurance as provided herein shall not exculpate Contractor from the direct primary responsibility Contractor has to the City hereunder. The City will look directly to Contractor for any such liability hereunder and shall not be obligated to seek recovery from any contractor or subcontract or under such contractor's or sub-contractor's insurance coverages.

2. SPECIFIC INSURANCE COVERAGES AND LIMITS:

- 2.1. All requirements in this Insurance Section shall be complied with in full by the Contractor unless excused from compliance in writing by the City.
- 2.2. The amounts and types of insurance must conform to the following minimum requirements. Current Insurance Service Office (ISO) or National Council on Compensation Insurance (NCCI) policies, forms, and endorsements or broader shall be used where applicable. Notwithstanding the foregoing, the wording of all policies, forms, and endorsements must be acceptable to the City.

Workers' Compensation and Employers' Liability Insurance shall be maintained in force during the Term of this Agreement for all employees engaged in this work under this Agreement, in accordance with the laws of the State of Florida. The minimum acceptable limits shall be:

Workers' Compensation	Florida Statutory Requirements
Employer's Liability	\$100,000.00 Limit Each Accident
	\$500,000.00 Limit Disease Aggregate
	\$100,000.00 Limit Disease Each Employee

If the Contractor has less than four (4) employees and has elected not to purchase Workers' Compensation/Employers Liability coverage as permitted by *Florida Statutes*, the Contractor will be required to issue a formal letter (on the Contractor's letterhead) stating that it has less than four (4) employees and has elected not to purchase Workers' Compensation/Employers Liability coverage as permitted by *Florida Statutes*. This exception does **not** apply to firms engaged in construction activities.

Jones Act Coverage shall be maintained by the Contractor that will respond to claims filed under the federal Jones Act (*46 U.S.C.A. sub-section 688*). The limits of such coverage shall not be less than \$1,000,000.

Commercial General Liability Insurance shall be maintained by the Contractor on a Full Occurrence Form. Coverage shall include, but not be limited to, Premises and Operations, Personal Injury, Contractual for this Agreement, Independent Contractors, and Products & Completed Operations Coverage. The limits of such coverage shall not be less than:

Bodily Injury & Property Damage Liability	\$300,000.00 Combined Single Limit each Occurrence and Aggregate
--	---

Completed Operations Liability Coverage shall be maintained by the Contractor for a period of not less than four (4) years following expiration or termination of this Agreement.

The use of an Excess, Umbrella and/or Bumbershoot policy shall be acceptable if the level of protection provided by the Excess, Umbrella and/or Bumbershoot policy is equal to or more comprehensive than the Primary Commercial General Liability policy.

Business Automobile Liability Insurance shall be maintained by the Contractor as to ownership, maintenance, use, loading and unloading of all owned, non-owned, leased, or hired vehicles with limits of such coverage of not less than:

Bodily Injury	\$300,000.00 Limit Each Accident
Property Damage Liability	\$100,000.00 Limit Each Accident

or

Bodily Injury & Property Damage Liability	\$300,000.00 Combined Single Limit Each Accident
--	--

If the Contractor does not own any vehicles, this requirement can be satisfied by having the Contractor's Commercial General Liability policy endorsed with "Non-Owned and Hired Automobile" Liability coverage.

Watercraft Liability Insurance shall be maintained by the Contractor with minimum limits of \$1,000,000.

PART 3
SCOPE OF WORK

SCOPE OF WORK

The City of Key West requests proposals from qualified individuals or firms to provide all equipment, labor, and materials necessary to accomplish the following:

FACILITIES

Testing will be completed at the following facilities:

- Key West Bight (4 sampling locations)
- Key West Bight Ferry Terminal (2 sampling locations)
- City Marina at Garrison Bight (5 sampling locations)

Term of the contract shall be for a period of three (3) years with the option to renew for (2) year terms.

FREQUENCY

Testing shall be annually for all parameters from all stations identified on Attachment A and B and quarterly for dissolved oxygen (D.O.) and Coliform bacteria from all stations identified on Attachment A.

PROJECT SPECIFICATIONS

Laboratory performing the analyses shall have an approved quality assurance plan on file with the Florida Department of Environmental Protection (DEP). Analyze the water and sediment samples for the following parameters following the Departments Standard Operating Procedures (SOP's) and FAC Rule 62-160.

BASIC ANALYTICAL SERVICES AND REPORTING

Provide test results and documents. (1) Reference the appropriate DEP file number for each facility, (2) chain of custody forms with dates of sampling and analysis, (3) a statement describing the methods used in collection, handling, storage, preservative, and analysis of samples, (4) a map indicating the sample locations, (5) a statement by the individual responsible for implementation of the sampling and testing program concerning the test results authenticity, precision, limits of detection, and accuracy of the data, and (6) documentation that the laboratory performing the sampling and analyses has an approved quality assurance plan on file with DEP, (7) Table comparing sampling data with maximum acceptable levels for each parameter per DEP Water Quality Standards or other acceptable standard if available.

MONITORING REPORTS

Monitoring reports shall also include the following information for each sample that is taken:

- a. time of day samples taken,
- b. water temperature,
- c. salinity (ppt),
- d. depth of water body,
- e. depth of sample,
- f. antecedent weather conditions,
- g. tidal stage and direction of flow,
- h. wind direction and velocity,

- i. identification (GPS coordinates) of the sample location which corresponds to the sample location number shown on the sampling location map,
- j. The appropriate Rule 62-302, F.A.C., standard for the parameter being measured,
- k. The detection limit for the parameter being measured.

In addition to the above, all data shall be reported in a table (or tables) which clearly lists the results of parameters measured at each location, and the information described in (j) and (k), above.

Reports shall be emailed to City of Key West at an email address to be determined. Additionally, contractor shall provide the City of Key West with a hard copy as well as submit a hard copy to the DEP.

DATA REGRESSION GRAPHS

Prepare and submit with the sediment sampling/testing data regression graphs for Copper/Aluminum, Lead/Aluminum, and Zinc/Aluminum

SAMPLING LOCATION AND PARAMETER SUMMARY TABLE

Water Column

Please collect duplicate water quality samples, except samples for dissolved oxygen (D.O.) and coliform bacteria from the stations at the indicated depths, analyze the field collected samples individually, and report each of the duplicate samples individually for the following parameters. All measurements and analyses for each parameter shall be made using approved methods providing a PQL (Practical Quantification Limit) below the water quality standard for the parameter as listed in Rule 62-302, F.A.C.

PARAMETER	DEPTH
Dissolved Oxygen-mg/l	1 ft. below surface, mid-depth, and 1 ft. above bottom
BOD5	1 ft. below surface, mid-depth, and 1 ft. above bottom
Ph	1 ft. below surface, mid-depth, and 1 ft. above bottom
Total N, NO ₂ -N, NO ₃ -N, and unionized ammonia (mg/l)	1 ft. below surface, mid-depth, and 1 ft. above bottom
Total P and Ortho – PO ₄ -P (mg/l)	1 ft. below surface, mid-depth, and 1 ft. above bottom
Oil and Grease (mg/l)	Surface
Fecal and total coliform	Surface
Polycyclic aromatic hydrocarbons (PAHs) (ug/l)	1 ft. above bottom, USEPA Method: 610,635,8100,8270, or 8310
Arsenic total- u/l	1 ft. above bottom
Cadmium (u/l)	1 ft. above bottom
Chromium VI (ug/l)	1 ft. above bottom
Copper (ug/l)	1 ft. above bottom
Lead (ug/l)	1 ft. above bottom
Zinc (ug/l)	1 ft. above bottom

Specific Conductivity (umhoz/em)	1 ft. below surface, mid-depth and 1 ft. above bottom
-------------------------------------	---

***Note: All methods listed are USEPA methods**

Sediments

All sediment data shall be collected and analyzed using the procedures in the Deepwater Ports Maintenance Dredging and Disposal Manual, DEP, 1984.

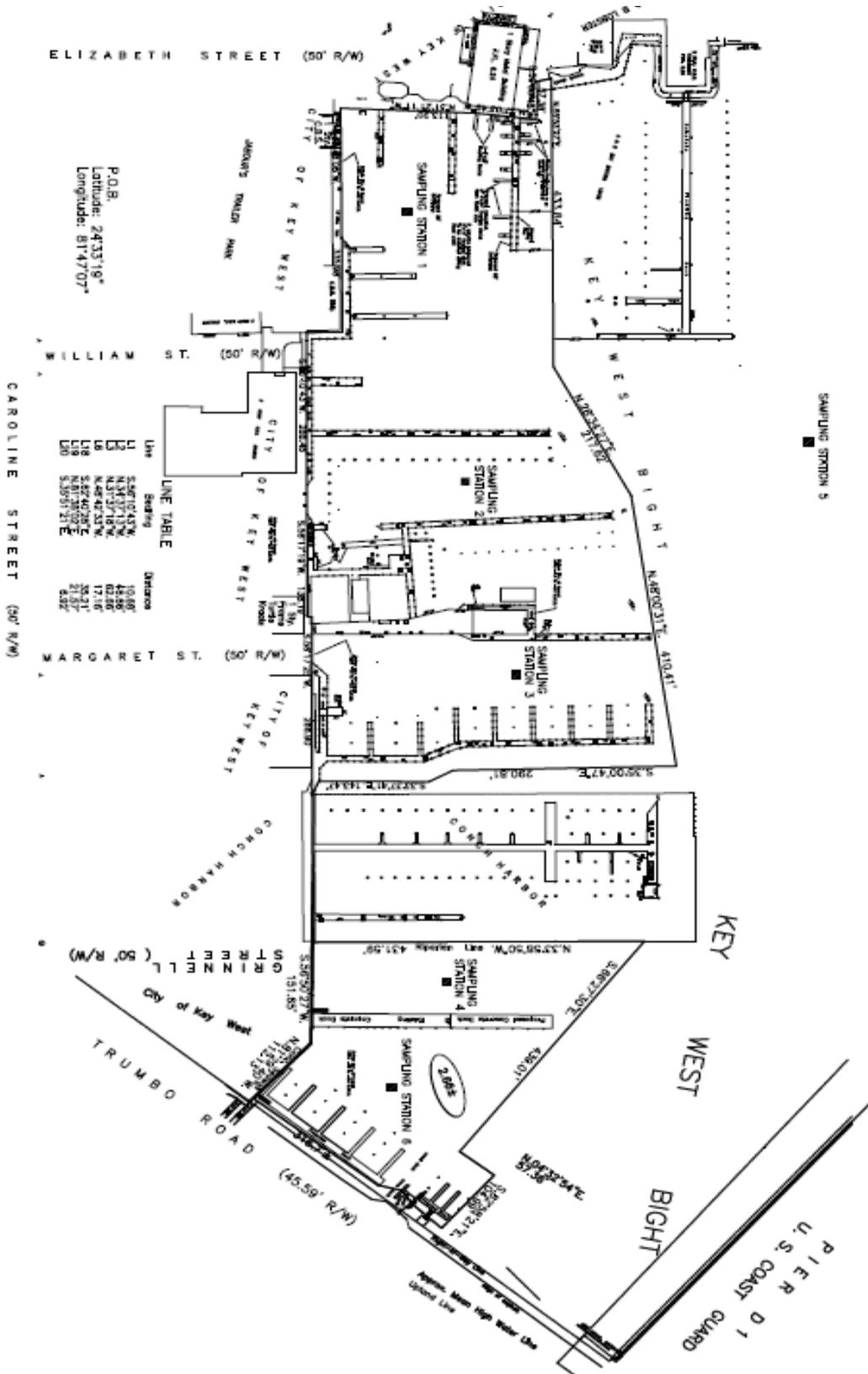
PARAMETER	SAMPLE
Aluminum	top 2 cm.
Copper	top 2 cm.
Lead	top 2 cm.
Zinc	top 2 cm.
Arsenic	top 2 cm.
Cadmium	top 2 cm.
Chromium	top 2 cm.

The intent of these Documents is to describe a functionally complete project (or part thereof) to be performed in accordance with the Contract Documents. Any work, materials, or equipment that may reasonably be inferred from the Contract Documents, as being required to produce the intended result shall be supplied whether or not specifically called for.

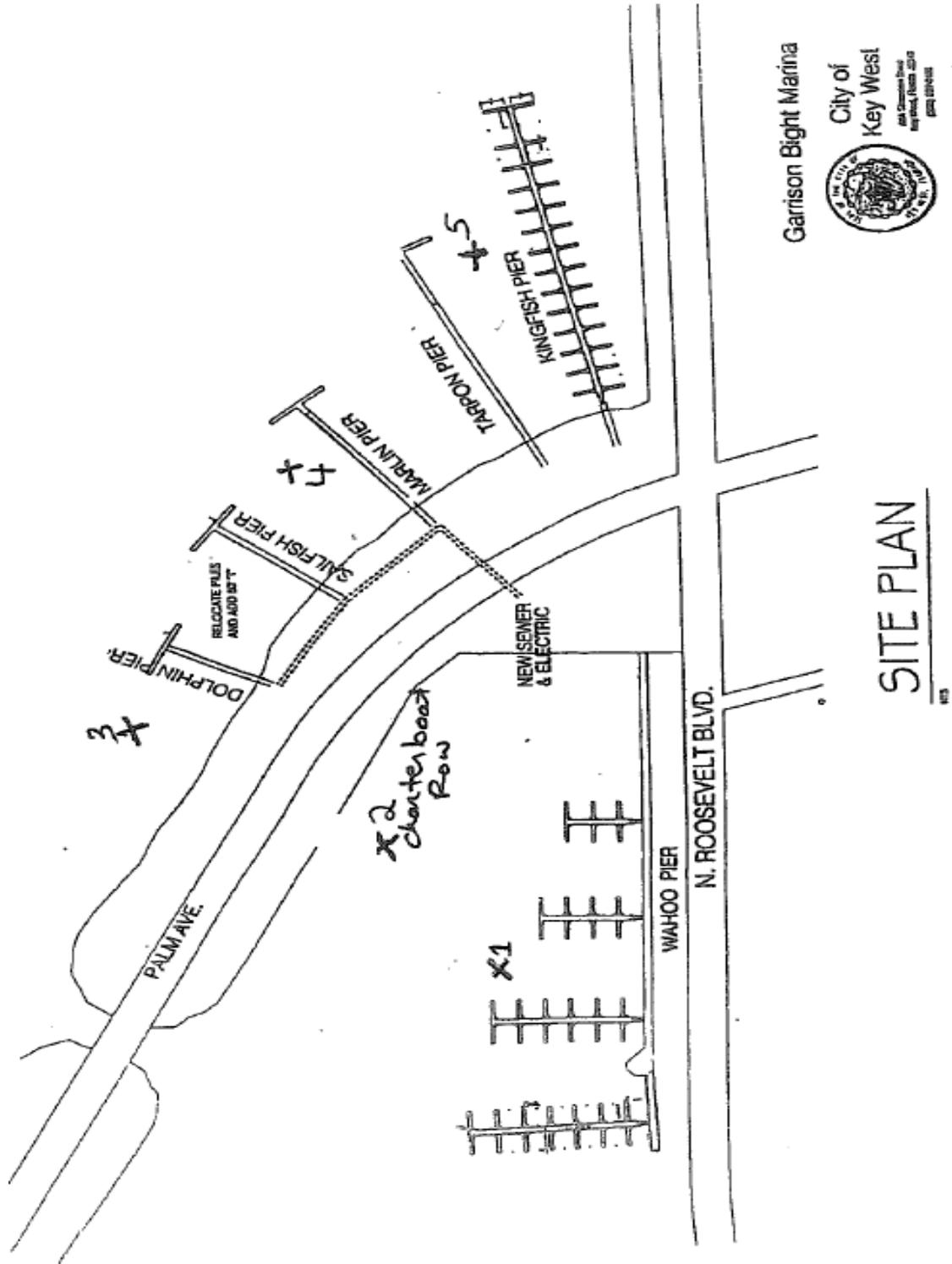
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PART 4

SUPPLEMENTAL INFORMATION



ATTACHMENT A – KEY WEST BIGHT/KEY WEST BIGHT FERRY TERMINAL – SAMPLING LOCATIONS (Revised)



ATTACHMENT B – CITY MARINA at GARRISON BIGHT– SAMPLING LOCATIONS

ATTACHMENT C – TESTING REQUIRMENTS KWB SUBMERGED LAND LEASE

FILE #1166946
BK#1619 PG#1930

ATTACHMENT

The following water quality monitoring program is required for the Key West Bight:

FREQUENCY

Annually for all parameters and quarterly for dissolved oxygen (D.O.) and Coliform bacteria from the five stations on the attached sample location drawing. The quarterly coliform bacteria may consist of duplicate surface samples collected at each station in lieu of the 10 samples in a 30-day period required below for the annual sampling.

WATER COLUMN

Please collect duplicate water quality samples, except samples for dissolved oxygen (D.O.) and coliform bacteria from the five stations shown on the attached map at the indicated depths, analyze the field collected samples individually, and report each of the duplicate samples individually for the following parameters. All measurements and analyses for each parameter shall be made using approved methods providing a PQL (Practical Quantification Limit) below the water quality standard for the parameter as listed in Rule 62-302, F.A.C.

<u>PARAMETER</u>	<u>DEPTH</u>
Dissolved Oxygen-mg/l (diel samples taken at 4 hour intervals through a 24 hour period)	1 ft. below surface, mid-depth and 1 ft. above bottom
BOD ₅	1 ft. below surface, mid-depth and 1 ft. above bottom
pH	1 ft. below surface, mid-depth and 1 ft. above bottom
Total N, TKN, NO ₂ -N, NO ₃ -N, and unionized ammonia (mg/l)	1 ft. below surface, mid-depth and 1 ft. above bottom
Total P and Ortho - PO ₄ -P (mg/l)	1 ft. below surface mid-depth and 1 ft. above bottom
Oil and Grease (mg/l)	surface
Fecal and total coliform (#/100ml) (10 samples in a 30 day period)	surface

Doc# 1789889
Bk# 2466 Pg# 407

Doc# 1863193
Bk# 2547 Pg# 922

=====

arsenic total- μ /l	1 ft. above bottom
cadmium (μ /l)	1 ft. above bottom
chromium VI (μ g/l)	1 ft. above bottom
copper (μ g/l)	1 ft. above bottom
lead (μ g/l)	1 ft. above bottom
zinc (μ g/l)	1 ft. above bottom
Specific Conductivity (μ mhoz/cm)	1 ft. below surface, mid-depth and 1 ft. above bottom
Polycyclic aromatic hydrocarbons total (μ g/l)	surface

SEDIMENTS

Please collect triplicate sediment samples from the five stations indicated on the attached map. Please analyze two of the sediment samples for the following parameters using the specified detection limit and archive the third for analysis at the Department's request, if the results from the first two samples conflict.

<u>PARAMETER</u>	<u>SAMPLE</u>	<u>DETECTION LIMITS (mg/kg)</u>
Aluminum	top 2 cm.	10.0
Copper	top 2 cm.	1.0
Lead	top 2 cm.	1.0
Zinc	top 2 cm.	1.0
Arsenic	top 2 cm.	1.0
Cadmium	top 2 cm.	0.05
Chromium	top 2 cm.	1.0
Polycyclic aromatic hydrocarbons, (mg/l)	top 2 cm.	0.5

Doc# 1789889
 BK# 2466 Pg# 408

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Doc# 1863193
 BK# 2547 Pg# 923

All sediment data shall be collected and analyzed using the procedures in the Deepwater Ports Maintenance Dredging and Disposal Manual, DEP, 1984. Copper/Aluminum, Lead/Aluminum, Zinc/Aluminum, Arsenic/Aluminum, Cadmium/Aluminum and Chromium/Aluminum regression graphs shall be created and submitted with the sediment sampling data.

REPORTING

All data shall be submitted with the documents containing the following information: (1) permit application number; (2) dates of sampling and analysis; (3) a statement describing the methods used in collection, handling, storage and analysis of the samples; (4) a map indicating the sampling locations; (5) a statement by the individual responsible for implementation of the sampling program concerning the authenticity, precision, limits of detection and accuracy of the data; and (6) documentation that the laboratory performing the sampling and analyses has an approved quality assurance plan on file with DEP.

Monitoring reports shall also include the following information for each sample that is taken:

- (a) time of day samples taken;
- (b) water temperature (°C);
- (c) salinity (ppt);
- (d) depth of water body;
- (e) depth of sample;
- (f) antecedent weather conditions;
- (g) tidal stage and direction of flow;
- (h) wind direction and velocity;
- (i) identification of the sample location which corresponds to the sample location number shown on the sampling location map;
- (j) the appropriate Rule 62-302, F.A.C., standard for the parameter being measured; and
- (k) the detection limit for the parameter being measured.

In addition to the above, all data shall be reported in a table (or tables) which clearly lists(s) the results of parameters measured at each location, and the information described in (j) and (k), above.

Doc# 1789889
Bk# 2466 Pg# 409

Doc# 1863193
Bk# 2547 Pg# 924

=====
ATTACHMENT
WATER QUALITY MONITORING PLAN