

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT

MINORITY BUSINESS ENTERPRISE (MBE) - WOMEN BUSINESS ENTERPRISE (WBE)

PRIME CONTRACTOR IDENTIFICATION FORM

In order to assist us in identifying the status of those companies doing business with the City of Fort Lauderdale, this form must be completed and returned with your bid package.

Name of Firm:

Address of Firm:

Telephone Number:

Name of Person Completing Form:

Title:

Signature:

Date:

City Project Number:

City Project Description:

Please check the item(s) which properly identify the status of your firm:

- Our firm is not a MBE or WBE.
- Our firm is a MBE, as at least 51 percent is owned and operated by one or more socially and economically disadvantaged individuals.
 - American Indian Asian Black Hispanic
- Our firm is a WBE, as at least 51 percent is owned and operated by one or more women.
 - American Indian Asian Black Hispanic

MBE/WBE CONTRACTOR INFORMATION

The City, in a continuing effort, is encouraging the increased participation of minority and women-owned businesses in Public Works Department related contracts. Along those lines, we are requiring that each firm provide documentation detailing their own programs for utilizing minority and women-owned businesses.

Submit this information as a part of this bid package and refer to the checklist, to ensure that all areas of concern are covered. The low responsive bidder may be contacted to schedule a meeting to discuss these objectives. It is our intention to proceed as quickly as possible with this project, so your cooperation in this matter is appreciated.

CONTRACTOR CHECKLIST

List Previous City of Fort Lauderdale Contracts

Number of Employees in your firm

--Percent (%) Women

--Percent (%) Minorities

--Job Classifications of Women and Minorities

Use of minority and/or women subcontractors on past projects.

Nature of the work subcontracted to minority and/or women-owned firms.

How are subcontractors notified of available opportunities with your firm?

Anticipated amount to be subcontracted on this project.

Anticipated amount to be subcontracted to minority and/or women-owned businesses on this project.

QUESTIONNAIRE SHEET

PLEASE PRINT OR TYPE:

Firm Name:

President

Business Address:

Telephone:

Fax:

E-Mail Address:

What was the last project of this nature which you completed? Include the year, description, and contract value.

The following are named as three corporations and representatives of those corporations for which you have performed work similar to that required by this contract, and which the City may contact as your references (include addresses, telephone numbers and e-mail addresses). Include the project name, year, description, and contract value.

<input type="text"/>
<input type="text"/>
<input type="text"/>

How many years has your organization been in business?

Have you ever failed to complete work awarded to you; if so, where and why?

The name of the qualifying agent for the firm and his position is:

Certificate of Competency Number of Qualifying Agent:

Effective Date: Expiration Date:

Licensed in: Engineering Contractor's License #

(County/State)

Expiration Date:

NOTE: To be considered for award of this contract, the bidder must submit a financial statement upon request.

NOTE: Contractor must have proper licensing and shall provide copy of same with his proposal.

QUESTIONNAIRE SHEET

1. Have you personally inspected the proposed work and have you a complete plan for its performance?

2. Will you sublet any part of this work? If so, list the portions or specialties of the work that you will.

a)

b)

c)

d)

e)

f)

g)

3. What equipment do you own that is available for the work?

4. What equipment will you purchase for the proposed work?

5. What equipment will you rent for the proposed work?

TRENCH SAFETY

Bidder acknowledges that included in the appropriate bid items of his bid and in the Total Bid Price are costs for complying with the Florida Trench Safety Act, Florida Statutes 553.60 – 553.64. The bidder further identifies the costs of such compliance to be summarized below:

Trench Safety Measure (Description)	Units of Measure (LF/SF)	Unit (Quantity)	Unit Cost	Extended Cost
A. <input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
B. <input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
C. <input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
D. <input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>

Total: \$

The bidder certifies that all trench excavation done within his control in excess of five feet (5') in depth shall be in accordance with the Occupational Safety and Health Administration's excavation safety standards, C.F.R. s. 1926.650 Subpart P., and the Florida Trench Safety Act, Florida Statutes 553.60-553.64.

Failure to complete the above may result in the bid being declared non-responsive.

DATE:

(SIGNATURE)

STATE OF: COUNTY OF:

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

(Name of Individual Signing)

who, after first being duly sworn by me,
 affixed his/her signature in the space provided above on this
 day of , 20 .

NOTARY PUBLIC

My Commission Expires:

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

NAME

RELATIONSHIPS

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

Authorized Signature

Title

Name (Printed)

Date

**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-187(c), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

The Contractor shall not, in any of his/her/its activities, including employment, discriminate against any individual on the basis of race, color, national origin, religion, creed, sex, disability, sexual orientation, gender, gender identity, gender expression, or marital status.

1. The Contractor certifies and represents that he/she/it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as amended by Ordinance C-18-33 (collectively, "Section 2-187").
2. The failure of the Contractor to comply with Section 2-187 shall be deemed to be a material breach of this Agreement, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.
3. The City may terminate this Agreement if the Contractor fails to comply with Section 2-187.
4. The City may retain all monies due or to become due until the Contractor complies with Section 2-187.
5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.

Authorized Signature

Print Name and Title

Date

CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

MasterCard

Visa

Company Name

Name (Printed)

Signature

Date

Title

CONSTRUCTION BID CERTIFICATION

Please Note: It is the sole responsibility of the bidder to ensure that his bid is submitted electronically through www.BidSync.com prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the Department of State, in accordance with Florida Statute §607.1501 (visit http://www.dos.state.fl.us/).

Company: (Legal Registration) [text box]

Address: [text box]

City: [text box] State: [text box] Zip: [text box]

Telephone No.: [text box] FAX No.: [text box] Email: [text box]

Check box if your firm qualifies for MBE / SBE / WBE: [checkbox]

If a corporation, state the name of the President, Secretary and Resident Agent. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.

Grid for listing names and titles of officers/partners:
Name Title Name Title Name Title Name Title

ADDENDUM ACKNOWLEDGEMENT - Bidder acknowledges that the following addenda have been received and are included in the proposal:

Table with 6 columns: Addendum No., Date Issued, Addendum No., Date Issued, Addendum No., Date Issued. Each cell contains a text box for input.

VARIANCES: If you take exception or have variances to any term, condition, specification, or requirement in this bid you must specify such variance in the space provided below or reference in the space provided below all variances contained on other pages within your bid. Additional pages may be attached if necessary. No variances will be deemed to be part of the bid submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. You must also click the "Take Exception" button.

[Large empty text box for variances]

The below signatory affirms that he has or will obtain all required permits and licenses from the appropriate agencies, and that his firm is authorized to do business in the State of Florida. The below signatory agrees to furnish all labor, tools, material, equipment and supplies, and to sustain all the expense incurred in doing the work set forth in strict accordance with the bid plans and contract documents at the unit prices indicated if awarded a contract. The below signatory has not divulged to, discussed, or compared this bid with other bidders, and has not colluded with any other bidder or parties to this bid whatsoever. Furthermore, the undersigned guarantees the truth and accuracy of all statements and answers contained in this bid. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a bid, that in no event shall the City's liability for bidder's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

[text box] Name (printed)

[text box] Signature

[text box] Date

[text box] Title

Revised 4/28/2020

BID NO. 12505-613
RIVER OAKS STORMWATER IMPROVEMENTS
(P11868)

ADDENDUM NO. 2

ISSUED: March 25, 2021

This Addendum is being issued to provide the following information and clarification/response to Q&A concern. It is hereby made a part of the Plans and Specifications and shall be included with all contract documents.

Acknowledge receipt of this Addendum by inserting its number and date on the CITB Construction Bid Certification Page.

1. CLARIFICATION/RESPONSE:

Question: Please confirm the Percentage amount of the Bid Bond.

Page SC-2 from the Notice to Contractors read: A certified check, cashier's check, bank officer's check or bid bond for FIVE/TEN percent (5% OR 10%) of the bid amount, made payable to the City of Fort Lauderdale, shall accompany each offer.

Response:

The correct bid bond percentage is **5%**, as stated in the Bid Bond Section and Bid Comments in BidSync, and repeated below.

Bid Bond Information:

Owner Obligee City of Fort Lauderdale
Bid Security Percent 5%
Bid Number 12505-613

Bid Security : A certified check, cashier's check, bank officer's check or bid bond for **FIVE** percent (**5%**) of the bid amount, made payable to the City of Fort Lauderdale, Florida, shall accompany each offer.

All other terms, conditions, and specifications remain unchanged.

Maureen Lewis, MBA, P2P03

Procurement Specialist

Company Name: _____

(please print)

Bidder's Signature: _____

Date: _____

BID NO. 12505-613
RIVER OAKS STORMWATER IMPROVEMENTS
(P11868)

ADDENDUM NO. 5

ISSUED: April 19, 2021

This Addendum is to provide the following information as well as clarification/response to Question & Answer concerns submitted in Bidsync. It is hereby made a part of the Plans and Specifications and shall be included with all contract documents.

Acknowledge receipt of this Addendum by inserting its number and date on the CITB Construction Bid Certification Page.

- 1. REPLACED:** Special Conditions Page, SC-3, has been replaced (see attached).
An allowance for FPL Service and Fee, \$100,000, has been added

2. CLARIFICATION/RESPONSE:

- a. Any SUE, (test holes, GPR, etc.) as required by the Contract Documents shall be provided by the Contractor and paid for under the Bid Item Mobilization.
- b. All pipe to be installed shall have temporary pavement restoration included in the unit price. However, pavement restoration bid items (12505-613-93/94) shall only be paid for within the Roadways that receive Mill and Overlay. No pavement restoration shall be paid for in Roadways that will be reconstructed.
- c. All GAS MAIN relocation or replacement shall be completed by the Utility Provider (TECO Gas), the Contractor shall be responsible for coordinating, directing and scheduling the relocations as specified in the Bid Documents. The Allowance amount under A9 is only for reimbursement for direct payments to the Utility Provider paid by the Contractor.

3. BID LINE ITEMS REVISED/ADDED:

A list and description of the Bid Schedule revisions are detailed below:

- a. Bid Item Nos. **10, 14, 18, 25, 26, 27, 33, 40, 44, 47, 48, 49, 52, 53, 61, 88, 97, 106, 107 & 108** were revised to update the Bid Item quantities in accordance with the Plan Revisions.

BID LINE ITEMS REVISED/ADDED (continued)

- b. Bid Item Nos. **123 & 124** were revised to update the Unit of Measurement and Payment in accordance with the Bid Documents.
- c. Four new Bid Item Nos., **126, 127, 128 & 129** have been added to the bid schedule.

4. REVISED SPECIFICATIONS:

A list and description of Specification revisions is detailed below:

- a. **Section 01010 – SUMMARY OF WORK (attached)**
 - i. Section 1.18 – HURRICANE PRECAUTIONS was revised to remove paragraph 3.
- b. **Section 01025 – MEASUREMENT AND PAYMENT (attached) – NOTE:**
SECTION NOW CONTAINS 32 TOTAL PAGES
 - i. All revisions are bolded for clarity;
 - ii. **Item No. 1** was revised to only utilize Bid Items No. 6 through 128 when computing the 7.5% and to confirm that “GENERAL PAY ITEMS” & “ALLOWANCE ACCOUNTS” were excluded from the 7.5% amount for Mobilization & Demobilization;
 - iii. **Item No. 12-30** was revised to add two new Bid Items for the additional conflict structures and reestablishment of existing paved over structures (including new concrete risers, top slabs, frame & grates, and all other materials for future maintenance access as required) as specified in the Bid Documents;
 - iv. **Item No. 31-33** was revised to include payment for Barrier Wall, pedestrian & bicycle safety devices (guiderails & handrails) and revetment as specified in the Bid Documents;
 - v. **Item No. 36-38** was revised to add a new Bid Item for the additional water quality structure as specified in the Bid Documents;
 - vi. **Item No. 48-63** was revised to include a new bid item and to include payment for markings as specified in the Bid Documents;
 - vii. **Item No. 72-76** was revised to include payment for temporary pavement restoration and markings as specified in the Bid Documents;
 - viii. Section No. VI. Name was revised to “NEW ROAD CONSTRUCTION (ACCESS ROAD & SW 17TH AVENUE)” and shall provide measurement and payment for all new roadway sections. See revised Measurement of Payment Section for additional information.

REVISED SPECIFICATIONS *(continued)*

- ix. **Item No. 120** was revised to include measurement and payment as a Lump Sum (LS) unit price. Item 120 was also revised to include sign replacement, messages and signs as specified in the Bid Documents.
- x. **Allowance A6** was revised to include the following statement: “This line item does not include any items previously described in VII Landscaping.” See revised Measurement and Payment Section.
- xi. **Allowance A11** in the amount of \$100,000.00
- xii. was added to cover costs to provide power to Pump Station 3C. See revised Measurement and Payment Section.

5. REVISED/DELETED//NEW DRAWINGS - PLAN SHEETS *(attached)*

A list and description of Plan Revisions, marked as Revision 1 and dated 4/7/21 is detailed below:

- a. **Sheet #GG-GN-01 – TITLE SHEET AND LOCATION MAP**
 - i. Complete sheet updated.
 - ii. Sheet was revised to add “NOT FOR CONSTRUCTION” note and Engineer of Record contact information.
- b. **Sheet #GG-GN-01A – ADDENDUM #5 REVISION SUMMARY**
 - i. New sheet added to set.
 - ii. Sheet was added to list, summarize and describe all revisions issued with Addendum #5.
- c. **Sheet #GG-GN-02 – LIST OF DRAWINGS**
 - i. Complete sheet update.
 - ii. There is now a total of 254 Sheets in the Bid Set and 127 Sheets identified with Revision Block Number 1 for sheets that were added, revised, removed or reissued under Addendum #5.
 - iii. Shifted the “CIVIL – STORMWATER FORCE MAIN” section to be located under the “CIVIL – UTILITY RELOCATION” section of the Bid Set.
 - iv. **Note the following sheets were added to the Bid Set:**
 - 1. Sheet #GG-GN-01A – ADDENDUM #5 REVISION SUMMARY
 - 2. Sheet #CU-SS-01 – SUMMARY OF STORMWATER STRUCTURES
 - 3. Sheet #CU-SS-02 – SUMMARY OF STORMWATER STRUCTURES
 - 4. Sheet #CU-SP-01 – SUMMARY OF STORMWATER PIPES

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)*

5. Sheet #CU-SP-02 – SUMMARY OF STORMWATER PIPES
 6. Sheet #CU-ST-49B – STORM DRAINAGE PLAN & PROFILE
 7. Sheet #CP-KY-02 – PAVING & GRADING OVERALL PLAN
 8. Sheet #CU-3C-05 – PUMP STATION PROPOSED ELECTRICAL SERVICE PLAN
 9. Sheet #CU-3C-06 – PUMP STATION PROPOSED ELECTRICAL SERVICE PLAN
 10. Sheet #CZ-DT-20A – WATER QUALITY CONTROL STRUCTURE DETAILS
- v. Note the following sheets were removed from the Bid Set:**
1. Sheet #CU-SU-KY-01 – STORMWATER FORCE MAIN SITE PLAN & KEY MAP
 2. Sheet #CU-SU-02 – STORMWATER FORCE MAIN PLAN & PROFILE
 3. Sheet #CU-SU-03 – STORMWATER FORCE MAIN PLAN & PROFILE
 4. Sheet #CU-SU-04 – STORMWATER FORCE MAIN PLAN & PROFILE
- d. Sheet #GG-GN-04 – SYMBOLS**
- i. Complete sheet update.
 - ii. Removed “CONTRACTOR STAGING AREA” and added “ASPHALT ACCESS ROAD” hatch.
- e. Sheet #GG-GN-07 – CONTAMINATED SITES LOCATION SITE PLAN & KEY MAP**
- i. Complete sheet update.
 - ii. Updated utilities shown.
- f. Sheet #GG-GN-08 – CONTAMINATED SITES LOCATION SITE PLAN**
- i. Complete sheet update.
 - ii. Updated utilities shown.
- g. Sheet #GG-GN-09 – CONTAMINATED SITES LOCATION SITE PLAN**
- i. Complete sheet update.
 - ii. Updated utilities shown.
- h. Sheet #GG-GN-10 – CONTAMINATED SITES LOCATION SITE PLAN**
- i. Complete sheet update.
 - ii. Updated utilities shown.
- i. Sheet #GG-GN-11 – CONTAMINATED SITES LOCATION SITE PLAN**
- i. Complete sheet update.
 - ii. Updated utilities shown.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)*

- j. **Sheet #CX-KY-01 – EXISTING CONDITIONS & DEMOLITION PLAN SITE KEY MAP**
 - i. Complete sheet update.
 - ii. Provided additional viewport for CX-ST-49.
- k. **Sheet #CX-ST-03 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added existing asphalt removal hatching within top viewport.
- l. **Sheet #CX-ST-18 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added labels to top viewport & moved labels on bottom viewport for clarity.
- m. **Sheet #CX-ST-23 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Slight modification to Curb to be Removed labels on both viewports for clarity.
- n. **Sheet #CX-ST-25 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added existing asphalt removal hatching within top viewport.
- o. **Sheet #CX-ST-26 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added 15" RCP abandonment & asphalt removal hatching within bottom viewport.
- p. **Sheet #CX-ST-29 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added additional survey information within both viewports.
- q. **Sheet #CX-ST-40 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added existing concrete & asphalt removal hatching within both viewports.
- r. **Sheet #CX-ST-41 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added additional survey information within top viewport.
 - iii. Added existing asphalt removal hatching within top viewport.
- s. **Sheet #CX-ST-42 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added additional survey information within both viewports.
- t. **Sheet #CX-ST-43 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added additional survey information within both viewports.
 - iii. Modification of Existing Asphalt removal callouts for plan clarity.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS (continued)

- u. **Sheet #CX-ST-44 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added additional survey information within bottom viewport.
 - iii. Added additional viewport matchline information for SW 17th Ave.
- v. **Sheet #CX-ST-45 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added additional survey information within bottom viewport.
 - iii. Added additional viewport matchline information for SW 17th Ave.
- w. **Sheet #CX-ST-49 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added additional viewport and survey information for SW 17th Ave.
- x. **Sheet #CX-ST-51 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added existing asphalt removal hatching within bottom viewport.
- y. **Sheet #CX-ST-53 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added callout for gas relocation.
 - iii. Added street names and additional survey information on both viewports.
- z. **Sheet #CX-ST-54 – EXISTING CONDITIONS & DEMOLITION PLAN**
 - i. Complete sheet update.
 - ii. Added street names and additional survey information on both viewports.
- aa. **Sheet #CU-KY-01 – STORM DRAINAGE PLAN SITE KEY MAP**
 - i. Complete sheet update.
 - ii. Provided additional viewport for CU-ST-49B.
- bb. **Sheet #CU-CV-01 – CHECK VALVE & PIPE LINING OVERALL PLAN**
 - i. Complete sheet update.
 - ii. Provided additional check valve at SW 13th Circle.
 - iii. Provided outfall piping to be CIPP lined and typical note.
 - iv. Turned off blocks that were not relevant to Plan Sheet.
- cc. **Sheet #CU-SS-01 – SUMMARY OF STORMWATER STRUCTURES**
 - i. New sheet added to set.
 - ii. Sheet provides a summary of stormwater structures.
- dd. **Sheet #CU-SP-01 – SUMMARY OF STORMWATER PIPES**
 - i. New sheet added to set.
 - ii. Sheet provides a summary of stormwater pipes.
- ee. **Sheet #CU-ST-01A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Moved label on profile for gas main crossing for plan clarity.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)*

- ff. **Sheet #CU-ST-01B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Moved label on profile for gas main crossing for plan clarity.
- gg. **Sheet #CU-ST-02A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Moved label on profile for gas main crossing for plan clarity.
- hh. **Sheet #CU-ST-18A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Removed 16" Stormwater Force Main connection at the box culvert (plan and profile).
- ii. **Sheet #CU-ST-18B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Removed 16" Stormwater Force Main and shifted location of relocated gas main in plan view.
- jj. **Sheet #CU-ST-18B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Shifted 16" Stormwater Force Main routing.
 - iii. Provided new 12'X6' Conflict Structure (S422) and provided 16" Force Main connection into S422.
 - iv. Removed 9'X9' Conflict Structure (S477).
 - v. Removed 16" Stormwater Force Main routing along SW 20th Street.
 - vi. Provided updates to Profile.
- kk. **Sheet #CU-ST-21B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Shifted 16" Stormwater Force Main routing.
 - iii. Provided new 12'X6' Conflict Structure (S422) and provided 16" Force Main connection into S422.
 - iv. Removed 9'X9' Conflict Structure (S477).
 - v. Removed 16" Stormwater Force Main routing along SW 20th Street.
 - vi. Provided updates to Profile.
- ll. **Sheet #CU-ST-22A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Shifted North arrow for plan clarity.
- mm. **Sheet #CU-ST-25A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Shifted dimensions away from Station 800003+25 for plan clarity.
- nn. **Sheet #CU-ST-26A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Shifted label overlapping Manhole (S228).

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)*

- oo. **Sheet #CU-ST-26B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Removed connections to the Existing 72” RCP Storm Drainage Pipe along SW 12th Ave.
 - iii. Removed 4’X4’ Catch Basin (S413) and provided new 15’X5’ Conflict Structure (S496) to eliminate connection to 72” Storm Drainage Pipe and provide connection to new Pump Station #3C.
 - iv. Shifted 16” Stormwater Force Main routing along SW 12th Ave.
 - v. Provided updates to Profile.
- pp. **Sheet #CU-ST-31B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided updates to labeling of temporary 24” HDPE piping.
 - iii. Provided new edge of pavement limits.
- qq. **Sheet #CU-ST-32A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided updates to labeling of temporary 24” HDPE piping.
 - iii. Provided updates to labeling of S361 & S482 to clarify connected pipes & material.
 - iv. Provided new edge of pavement limits.
- rr. **Sheet #CU-ST-32B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- ss. **Sheet #CU-ST-35B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- tt. **Sheet #CU-ST-36A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- uu. **Sheet #CU-ST-37A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- vv. **Sheet #CU-ST-38A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- ww. **Sheet #CU-ST-38B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- xx. **Sheet #CU-ST-39A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS (continued)

- yy. **Sheet #CU-ST-39B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- zz. **Sheet #CU-ST-40B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Added additional survey information for Coconut Drive.
 - iii. Shifted location of 4'X4' CB (S444) and 12" Check Valve.
- aaa. **Sheet #CU-ST-41A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Added additional survey information for SW 17th Ave.
 - iii. Shifted text callout information for plan clarity.
- bbb. **Sheet #CU-ST-42A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Added additional survey information for SW 21st St.
- ccc. **Sheet #CU-ST-42B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Added additional survey information for SW 22nd St.
- ddd. **Sheet #CU-ST-43A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- eee. **Sheet #CU-ST-43B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- fff. **Sheet #CU-ST-44A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- ggg. **Sheet #CU-ST-44B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Added additional survey information for SW 17th Ave.
 - iii. Added stormwater infrastructure along SW 17th Ave.
- hhh. **Sheet #CU-ST-45A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- iii. **Sheet #CU-ST-45B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Added additional survey information for SW 17th Ave.
 - iii. Added stormwater infrastructure along SW 17th Ave.
- jjj. **Sheet #CU-ST-48A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)*

- kkk. **Sheet #CU-ST-49B – STORM DRAINAGE PLAN & PROFILE**
 - i. New sheet added to set.
 - ii. Added additional survey information for SW 17th Ave.
 - iii. Added stormwater infrastructure along SW 17th Ave Plan & Profile.
- lll. **Sheet #CU-ST-50A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- mmm. **Sheet #CU-ST-50B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- nnn. **Sheet #CU-ST-51A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- ooo. **Sheet #CU-ST-51B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- ppp. **Sheet #CU-ST-52A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Provided new edge of pavement limits.
- qqq. **Sheet #CU-ST-53A – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Added additional survey information for SW 21st St.
 - iii. Provided new 15'X5' Conflict Structure (S496).
 - iv. Provided revised Water Quality Structure (S491).
 - v. Added notes to recover existing manhole opening that was paved over with new top slab and rim.
 - vi. Provided updates to stormwater infrastructure along SW 21st St. & SW 12th Ave. for consistency with other plan sheets.
 - vii. Provided new edge of pavement limits.
- rrr. **Sheet #CU-ST-53B – STORM DRAINAGE PLAN & PROFILE**
 - i. Complete sheet update.
 - ii. Added additional survey information for SW 21st St.
- sss. **Sheet #CP-KY-01 – PAVING & GRADING PLAN SITE KEY MAP**
 - i. Complete sheet update.
 - ii. Provided additional viewport for CP-ST-49.
- ttt. **Sheet #CP-KY-02 – PAVING & GRADING OVERALL PLAN**
 - i. New sheet added to set.
 - ii. Sheet added to provide overall limits of paving.
- uuu. **Sheet #CP-ST-01 – PAVING & GRADING PLAN**
 - i. Complete sheet update.

- ii. Changed color of proposed elevations to black.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)*

- vvv. **Sheet #CP-ST-02 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Changed color of proposed elevations to black.
- www. **Sheet #CP-ST-03 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Added survey information.
 - iii. Plot color changed for swales.
 - iv. Provided new edge of pavement limits.
- xxx. **Sheet #CP-ST-04 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- yyy. **Sheet #CP-ST-05 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Added elevations to bottom viewport.
 - iii. Plot color changed for swales.
- zzz. **Sheet #CP-ST-06 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- aaaa. **Sheet #CP-ST-07 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- bbbb. **Sheet #CP-ST-08 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- cccc. **Sheet #CP-ST-09 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- dddd. **Sheet #CP-ST-10 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- eeee. **Sheet #CP-ST-11 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- ffff. **Sheet #CP-ST-12 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- gggg. **Sheet #CP-ST-13 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)*

- hhhh. **Sheet #CP-ST-14 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- iiii. **Sheet #CP-ST-15 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- jjjj. **Sheet #CP-ST-16 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- kkkk. **Sheet #CP-ST-17 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Added label to structures in top viewport.
 - iii. Plot color changed for swales.
- llll. **Sheet #CP-ST-18 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Removed stormwater force main connecting to box culvert & updated pavement restoration hatching.
 - iii. Plot color changed for swales.
- mmmm. **Sheet #CP-ST-19 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Removed stormwater force main connecting to box culvert & updated pavement restoration hatching.
 - iii. Removed Conflict Structure (S477) & modified Conflict Structure (S422) to be a 12'X6' Conflict Structure.
 - iv. Plot color changed for swales.
- nnnn. **Sheet #CP-ST-20 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- oooo. **Sheet #CP-ST-21 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- pppp. **Sheet #CP-ST-22 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Added survey information to bottom viewport.
 - iii. Plot color changed for swales.
- qqqq. **Sheet #CP-ST-23 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Added survey information to bottom viewport.
 - iii. Plot color changed for swales.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)*

- rrrr. **Sheet #CP-ST-24 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- ssss. **Sheet #CP-ST-25 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Added proposed elevations to road reconstruction on top viewport.
 - iii. Plot color changed for swales.
- tttt. **Sheet #CP-ST-26 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Modified storm infrastructure on bottom viewport.
 - iii. Plot color changed for swales.
- uuuu. **Sheet #CP-ST-27 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Added survey information to bottom viewport.
 - iii. Plot color changed for swales.
- vvvv. **Sheet #CP-ST-28 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- wwww. **Sheet #CP-ST-29 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- xxxx. **Sheet #CP-ST-30 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Plot color changed for swales.
- yyyy. **Sheet #CP-ST-31 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Added and modified swales & labeled access road.
 - iii. Plot color changed for swales.
 - iv. Plot color changed for storm piping in bottom viewport.
- zzzz. **Sheet #CP-ST-32 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Modified swales & labeled access road.
 - iii. Plot color changed for swales.
- aaaaa. **Sheet #CP-ST-37 – PAVING & GRADING PLAN**
 - i. Complete sheet update.
 - ii. Modified swales & labeled access road.
 - iii. Plot color changed for swales.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)***bbbb. Sheet #CP-ST-40 – PAVING & GRADING PLAN**

- i. Complete sheet update.
- ii. Added survey information.
- iii. Provided additional proposed elevations to road reconstruction areas.

cccc. Sheet #CP-ST-41 – PAVING & GRADING PLAN

- i. Complete sheet update.
- ii. Provided additional proposed elevations to road reconstruction areas.

dddd. Sheet #CP-ST-42 – PAVING & GRADING PLAN

- i. Complete sheet update.
- ii. Added survey information to both viewports.

eeee. Sheet #CP-ST-44 – PAVING & GRADING PLAN

- i. Complete sheet update.
- ii. Provided additional survey information on bottom viewport & matchline to CP-ST-49.
- iii. Provided additional proposed elevations to new road construction areas.

ffff. Sheet #CP-ST-45 – PAVING & GRADING PLAN

- i. Complete sheet update.
- ii. Provided additional survey information on bottom viewport & matchline to CP-ST-49.
- iii. Provided additional proposed elevations to new road construction areas.

gggg. Sheet #CP-ST-49 – PAVING & GRADING PLAN

- i. Complete sheet update.
- ii. Removed unnecessary gravel hatch from swale and driveways south of SW 17th Ave.
- iii. Created additional viewport for SW 17th Ave.
- iv. Provided additional proposed elevations to new road construction areas.

hhhh. Sheet #CU-SU-KY-01 – STORMWATER FORCE MAIN SITE PLAN KEY MAP

- i. Sheet removed from set.

iiii. Sheet #CU-SU-01 – STORMWATER FORCE MAIN PLAN & PROFILE

- i. Complete sheet update.
- ii. Shorten Stormwater FM design and provided all FM infrastructure on one sheet.
- iii. Sheet Number was changed from CU-SU-04 to CU-SU-01.

jjjj. Sheet #CU-SU-02 – STORMWATER FORCE MAIN PLAN AND PROFILE

- i. Sheet removed from set.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS *(continued)*

kkkkk. **Sheet #CU-SU-03 – STORMWATER FORCE MAIN PLAN AND PROFILE**

- i. Sheet removed from set.

lllll. **Sheet #CU-SU-04 – STORMWATER FORCE MAIN PLAN AND PROFILE**

- i. Sheet removed from set.

mmmmm. **Sheet #CU-3C-01 – PUMP STATION KEY MAP**

- i. Complete sheet update.
- ii. Sheet name updated to include CU- in the prefix.
- iii. Additional survey information provided.
- iv. Labeled S494.

nnnnn. **Sheet #CU-3C-02 – PUMP STATION EXISTING SITE PLAN AND DEMOLITION PLAN**

- i. Complete sheet update.
- ii. Sheet name updated to include CU- in the prefix.
- iii. Additional survey information provided.
- iv. Hatching was revised to separate Clearing and Grubbing area from Staging Area.

ooooo. **Sheet #CU-3C-03 – PUMP STATION PROPOSED SITE PLAN**

- i. Complete sheet update.
- ii. Sheet name updated to include CU- in the prefix.
- iii. Additional survey information provided.
- iv. Labeled new 15'X5' Conflict Structure (S496) and other structure numbers for plan consistency.

ppppp. **Sheet #CU-3C-04 – PUMP STATION PROPOSED PLAN**

- i. Complete sheet update.
- ii. Sheet name updated to include CU- in the prefix.
- iii. Orientation of piping and Pump Details were revised per coordination with Pump Manufacturer.

qqqqq. **Sheet #CU-3C-05 – PUMP STATION PROPOSED ELECTRIC UTILITY WIRING**

- i. New sheet added to set.

rrrrr. **Sheet #CU-3C-06 – PUMP STATION PROPOSED ELECTRICAL SERVICE PLAN**

- i. New sheet added to set.

sssss. **Sheet #CZ-DT-12 – CITY STANDARD DETAILS UTILITY SEPARATION AND CROSSING**

- i. Complete Sheet update.
- ii. Updated note to include sheet numbers where detail applies.

ttttt. **Sheet #CZ-DT-18 – CITY STANDARD DETAILS PAVING AND GRADING - SHEET 5**

- i. Complete Sheet update.

- ii. Added Detail for Sanitary Sewer lateral crossings for Option C.

REVISED/DELETED/NEW DRAWINGS - PLAN SHEETS (continued)

uuuuu. Sheet #CZ-DT-20A WATER QUALITY CONTROL STRUCTURE DETAILS

- i. New sheet added to set.
- ii. Sheet added to provide details for Water Quality Structure S491.

vvvvv. Sheet #CZ-DT-21 – BOX CULVERT, HEADWALL & GUARDRAIL DETAILS

- i. Complete sheet update.
- ii. Added survey information to viewport.
- iii. Added FDOT Index Number for Barrier Wall, updated Structural Design requirements for contractor, updated Typical Revetment Section Detail & added hatch for limits of revetment installation.

wwwww. Sheet #CZ-DT-22 – SWALE AND TYPICAL MILL & OVERLAY DETAILS

- i. Sheet revised to update 6" SWALE PROFILE to show 4" COMPACTED SUBGRADE.

All other terms, conditions, and specifications remain unchanged.

Maureen Lewis, MBA, P2P2B
Senior Procurement Specialist

Company Name: _____
(please print)

Bidder's Signature: _____

Date: _____

ADDENDUM DOCUMENTS

08. SPECIFIC EXPERIENCE REQUIRED

The following expertise is required to be considered for this Contract. Specific references attesting to this expertise must be submitted with the bid response.

The contractor shall have previous construction experience in constructing: storm water drainage pipe ranging from 12 inches to 72 inches, pump station installation, Cured-In- Place Pipe (CIPP) pipe lining, and water main pipe installation ranging from 6 inches to 12 inches in the State of Florida within the last five (5) years. Bidder shall submit proof of construction experience for a minimum of three (3) projects of similar scope and scale (or larger) and shall, for each project listed, identify location; dates of construction; project name and overall scope; scope of work that was self-performed by Contractor; and client's name, address, telephone number and e-mail address.

NOTE: REFERENCES SHALL NOT INCLUDE ONLY CITY OF FORT LAUDERDALE EMPLOYEES OR WORK PERFORMED FOR THE CITY. THE CITY IS ALSO INTERESTED IN WORK EXPERIENCE AND REFERENCES FROM ENTITIES OTHER THAN THE CITY OF FORT LAUDERDALE.

By signing this bid solicitation, contractor is affirming that this expertise will be provided for this Contract at no additional charge.

09. BID ALLOWANCE

Allowance for permits: Payments will be made to the contractor based on the actual cost of permits upon submission of paid permit receipts. The City shall not pay for other costs related to obtaining or securing permits.

The amount indicated is intended to be sufficient to cover the entire project. If the City's permit fees exceed the allowance indicated, the City will reimburse the contractor the actual amount of the City's permit fees required for project completion.

Allowances	\$
Tree Protection, Tree Removal and Landscaping Restoration Within City Rights-of-Way.	\$ 150,000.00
Contaminated Site Dewatering Services	250,000.00
Permit and Licenses Fee	850,000.00
FPL Pole Holding	150,000.00
Gas Service Relocations	375,000.00
Sanitary Sewer main Relocations	250,000.00
Water & Force Main Relocations	250,000.00
Material Testing	75,000.00
Removal and Disposal of Unsuitable/Contaminated Soil	300,000.00
Furnish and Place Additional Suitable Backfill Material	200,000.00
FPL Service & Fee	100,000.00
TOTAL	\$2,950,000.00

Note: The City will add this allowance to your bid.

SECTION 01025

MEASUREMENT AND PAYMENT

PART 1 – GENERAL

1.01 THE REQUIREMENTS

- A. Payment for various items of the Bid Schedule, as further specified herein, shall include all compensation to be received by the CONTRACTOR for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor operations and incidentals appurtenant to the items of WORK being described, as necessary to complete the various items of the WORK all in accordance with requirements of the Contract Documents, including all appurtenances thereto, and including all costs of permits and cost of compliance with the regulations of public agencies having jurisdiction, including Safety and Health Requirements of the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA). Copies of licenses and regulatory prebid requirements are attached as Exhibits at the end of Volume II of this document. No separate payment will be made for any item that is not specifically set forth in the Bid Schedule, and all costs therefore shall be included in the prices named in the Bid Schedule for the various appurtenance items of WORK.
- B. Payment for the various items of the Bid Schedule shall constitute full compensation for CONTRACTOR's superintendent at the job site full-time during construction, for furnishing and installing all pipe and structures complete in place including but not limited to bends, tees, outlets, fittings, blind flanges and specials, including connections to existing pipelines shown on the Drawings; including surveying both horizontal and vertical control for construction of the roadways, structures, pipeline and appurtenances; including all earthwork, excavation as shown on the Drawings, removal and disposal of waste, unsuitable and excess material, furnishing and installing pipe bedding material, all backfill and compaction of native material, and dewatering as required; including potholing to verify locations of existing utilities in advance of construction; the restoration of interfering portions of existing service and utility lines that are not included in other bid items and shown on the Drawings, including replacement of sewer lines with ductile iron pipe where the minimum vertical clearances are not met for the sewer line shown; restraint of pipe shown on the Drawings and grouting of pipe joints; including providing the water for pressure testing, cleaning the pipe and disinfection, and disposal of the water as required when completed; furnishing, installation, and removal of test heads, cleanup; and restoration of all improvements incidental to construction for which there are no other bid items; including but not limited to, sprinkler systems, drainage systems, guardrails, landscaping, fences, curbs and gutters, and all other WORK not included in other bid items.
- C. Payment shall also include providing the necessary equipment and manpower to pothole and verify depths and locations of existing utilities sufficiently ahead of construction to avoid conflicts with the design alignment and grade of the transmission pipeline. Conflicts with utilities shown on the Drawings which result from the CONTRACTOR's negligence to pothole sufficiently ahead of construction (a minimum of two days ahead of construction of the pipeline or as approved by the ENGINEER) shall be resolved by the CONTRACTOR at no additional cost to the CITY. Unmarked utilities damaged during construction will be paid under unit prices in the Bid Form for similar WORK, if

and as approved by the ENGINEER.

- D. Payment for all bid items shall constitute full compensation for the complete installation of each, bid item including but not limited to excavation, dewatering, backfill and compaction. The WORK shall include for all bid items to be completed, tested, as-built to CITY standards, and ready for acceptance by the appropriate government agency.
- E. No separate payment for pavement restoration will be made unless specifically shown on the plans or directed by the ENGINEER. All bid items shall include pavement restoration.

1.02 MEASUREMENT - GENERAL

- A. Weighing, measuring, and metering devices used to measure quantity of materials for Work shall be suitable for purpose intended and conform to tolerances and Specifications as specified in National Institute of Standards and Technology, Handbook 44.
- B. Materials that are specified for measurement by the cubic yard measured in the vehicle shall be hauled in vehicles of such type and size that actual contents may be readily and accurately determined. Unless all vehicles are of uniform capacity, each vehicle must bear a plainly legible identification mark indicating its water level capacity. Vehicles shall be loaded to at least their water level capacity. Loads hauled in vehicles not meeting above requirements or loads of a quantity less than the capacity of the vehicle, measured after being leveled off as above provided, will be subject to rejection, and no compensation will be allowed for such material.
- C. Where measurement of quantities depends on elevation of existing ground, elevations obtained during construction will be compared with those shown on Drawings. Variations of 1 foot or less will be ignored, and profiles shown on Drawings will be used for determining quantities. Variations greater than one foot will be considered in adjusting quantities.
- D. Units of measure shown on Bid Form shall be as follows, unless specified otherwise. All methods of measurement shall be approved by the City.

<u>Item</u>	<u>Method of Measurement</u>
AC	Acre - Field Measure
AL	Allowance
CY	Cubic Yard - Field Measure within limits specified or shown, or measured in vehicle by volume, as specified
EA	Each - Field Count
GAL	Gallon - Field Measure
HR	Hour

Item	Method of Measurement
LB	Pound(s) - Weight Measure
LF	Linear Foot - Field Measure
LS	Lump Sum - Unit is one; no measurement will be made
SF	Square Foot
SY	Square Yard
TON	Ton - Weight Measure by Scale (2,000 pounds)

1.03 SCHEDULE OF PRICES BIID

A. General Requirements

B. Proposal Items

I. GENERAL PAY ITEMS

A. Item No. 1 – All Work Associated with the Mobilization & Demobilization (7.5%):

- a. Payment for this item will be made at the lump sum price shall be full compensation for mobilization and demobilization activities. This includes but is not limited to Performance and Payment Guarantee & Insurance, scheduling, project coordination, CONTRACTOR staging area, CONTRACTOR and ENGINEER Field Offices, labor associated with permit acquisitions, audio-visual documentation of the existing conditions (sidewalks, curbs, driveways, fences, vegetation, pavement markings, etc.), performance of exploratory digging to uncover existing utility information (including mobilization and demobilization of test equipment and personnel / temporary pavement restoration), temporary facilities, project signs, distribution of information and flyers to the affected residents and businesses, site cleanup, site restoration, sanitary facilities, and all other work not defined in other bid items necessary to prepare and complete the contract work. **The payment for mobilization and demobilization shall not exceed 7.5% of the sum of Bid Item Nos. 6 through 128.** Contractor may request initial payment after Notice to Proceed is issued by CITY. Partial payments for mobilization and demobilization shall be made as follows:

Construction % Complete	Allowable % of Lump Sum for Mobilization/Demobilization
After NTP	2.5
10	22.5
25	50
50	75

 100

 100

- 100% of the unit price paid upon completion of all testing.

B. Item No. 2 – All Work Associated with the Maintenance of Traffic (M.O.T.) (3%):

- a. This shall include preparation of any M.O.T. plans necessary for the construction of this project. See Section 01525 "Maintenance of Traffic" and all other references to traffic control in this document and any regulatory requirements.
- b. Payment for maintenance of traffic will be made at the lump sum (LS) price named in the Bid Schedule. Payment for maintenance of traffic shall be made in equal monthly lump sum amounts during the duration of the original contract and the payment for M.O.T. shall not exceed 3% of the contract price. Payment shall be full compensation for all labor, equipment, material, and work required for maintenance of traffic in accordance with FDOT Standards and/or Broward County and/or the City of Fort Lauderdale. This item includes, but is not limited to, preparing maintenance of traffic plans (MOTs), providing personnel as required to direct traffic (flag people, crossing guards, local police, etc.), providing signs, cones, lights, signs and barricades, installing temporary fencing and walkways as required to maintain pedestrian traffic, installing temporary steel plates for vehicular traffic and all other work incidental to the maintenance of traffic as required by FDOT Standards and/or Broward County and/or the requirements of the City of Fort Lauderdale and the Contract Documents.

C. Item No. 3 – All Work Associated with the GIS Database Additions:

- a. Payment for this bid item shall be made for the preparation and addition of the proposed infrastructure data to the existing City GIS Database. This includes but not be limited to all necessary adjustments to the implemented data to create a seamless addition to the existing infrastructure. This shall include all different types of utilities installed by the CONTRACTOR.
- b. Payment for this item shall be paid at the lump sum (LS) price in the Bid Schedule after final acceptance of the documentation from the CITY.

D. Item No. 4 – All Work Associated with the As-Built/Record Drawings:

- a. The lump sum price for this bid item shall be full compensation for preparation and submittal of As-Built/Record drawings, furnished in accordance with Contract Documents. For all improvements, the CONTRACTOR shall conform to the City of Fort Lauderdale standards and requirements. In general, the As-Builts shall depict constructed dimensions, elevations, grades and materials including locations of existing underground utilities found during construction. The as-builts shall be certified by a Florida Registered Land Surveyor and delivered to the ENGINEER for acceptance and final CITY acceptance. Final payment will be made only after submitted As-Built Drawings are accepted by the CITY. As-builts shall be prepared in

ACAD format (latest version) and conform to the City Standards requirements for As-built/Record Drawing preparation. Refer to Section 01320 – Project Record Documents & Section 01320a – Supplement 2 – Data Dictionary 2020-0706 for additional information and requirements.

- b. Payment for this item shall be paid at the lump sum (LS) price in the Bid Schedule after final acceptance of the record drawings and project closeout in accordance with the Contract Documents and the CITY.

E. Item No. 5 – All Work Associated with the Prevention Control and Abatement of Erosion and Water Pollution (1%):

- a. Measurement for payment for preparation and implementation of the NPDES Permit/Environmental and Erosion Control Measures, which includes NPDES and SWPPP requirements for this item, will be made at the lump sum price named in the Bid Schedule.
- b. Payment for this item shall not exceed 1% of the total contract price and shall include preparation, submittal, and approval of NPDES Permit Application (Notice of Intent and Notice of Termination), reporting by a person holding a certification as an FDEP NPDES Construction Site Inspector, preparing Stormwater Prevention Pollution Plan (SWPPP) and implementation of best management practices (BMP) and environmental pollution protection throughout construction including but not limited to silt fences, temporary stabilized gravel construction entrance(s), concrete wash down area(s), sandbags, straw bales, gutter buddies adjacent to existing and proposed curb inlets, drainage structure/inlet protection, and turbidity barriers as outlined in the DRAWINGS and required by the CITY. This bid item includes but is not limited to silt fence around the construction area and inlet protection.
- c. Payment for this item will be made in equal monthly payments throughout the duration of active construction and will not be issued prior to Mobilization.

II. EARTHWORK

F. Item No. 6 – Clearing and Grubbing:

- a. The Contract Unit Price Bid for this item shall constitute full compensation for furnishing all materials, labor and equipment for clearing and grubbing. This item includes: clearing, grubbing, cleaning of obstructions, removal and disposal of debris off the site, stripping of grass and roots, removal of shrubs and trees less than 12" diameter and placement of material in the spoil pile, removal of existing structures, and all other incidentals required to clear work site for the completion of other work.
- b. Payment for this item shall be paid at the lump sum (LS) price in the Bid Schedule.

G. Item No. 7 – All Work Associated with Swale Excavation and Grading:

- a. The Contract Unit Price for this item shall constitute full compensation for furnishing all materials, labor, tools and equipment for swale excavation and grading from edge of pavement up to and including 3:1 transition on private property, excluding sidewalk, not including driveways and/or paved areas all in accordance with the plans and specifications or on private property as necessary for restoration of private property. This item includes: excavation, compaction, grading, preparation and fine grading of the surface of swales in preparation for sodding, suitable and unsuitable excess cut, removal storage and reinstallation of mailboxes, and all activities and appurtenances necessary for a complete restoration to original or better conditions and acceptable to the CITY.
- b. Payment for this item shall be paid at the unit prices per square yard (SY) named in the Bid Schedule.

H. Item No. 8 – Furnish and Install Sheeting and Shoring (To Be Removed):

- a. Sheeting and shoring shall be installed on both sides of pipe trench to control trench width where necessary and approved by City and will be paid for at the unit price per linear foot bid for the linear feet of double-sided trench sheeting and shoring installed. The sheeting and shoring shall be removed upon completion of construction. The amount of trench linear foot shall include the sheeting and shoring on both sides of the pipeline trench measured the nearest foot along the open trench on which the pipe is installed. Sheeting and shoring shall be designed by an Engineer registered in the State of Florida such that sheeting shall be flush with the canal bottom elevation or with four (4') feet of cover in upland areas. Signed and sealed plans and calculations shall be submitted to the City and Engineer for approval prior to installation of sheeting.
- b. Payment for this item will be made at the unit price per linear foot (LF) of sheeting and shoring installed and removed as specifically shown in the plans. The quantity for this item does not include additional sheeting and/or shoring not shown on the plans and that is required for pipe installation, this shall be included in the unit price for pipe installation where additional shoring is required.

I. Item No. 9 – Furnish and Install Sheeting and Shoring (To Remain)

- a. Sheeting and shoring shall be installed on both sides of pipe trench to control trench width where necessary and approved by City and will be paid for at the unit price per linear foot bid for the linear feet of double-sided trench sheeting and shoring installed. The sheeting and shoring shall remain upon completion of construction. The amount of trench linear foot shall include the sheeting and shoring on both sides of the pipeline trench measured the nearest foot along the open trench on which the pipe is installed as specifically shown on the plans. Sheeting and shoring shall be designed by an Engineer registered in the State of Florida such that sheeting shall be flush with the canal bottom elevation or four (4') of cover in upland areas. Signed and sealed plans and calculations shall be submitted to the City and Engineer for approval prior to installation of sheeting.

- b. Payment for this item will be made at the unit price per linear foot (LF) of sheeting and shoring installed as specifically shown in the plans. The quantity for this item does not include additional sheeting and/or shoring not shown on the plans and required and that is required for pipe installation, this shall be included in the unit price for pipe installation where additional shoring is required.

III. DRAINAGE

J. Item No. 10 – Existing Drainage Pipe/Exfiltration Trench Removal & Disposal:

- a. Measurement for payment to remove and dispose of existing drainage pipe will be based upon the actual number of linear feet (LF) of such pipe actually removed all in accordance with the Contract Documents.
- b. Payment for removal and disposal existing drainage pipe will be made at the unit price per linear foot (LF) of pipe named in the Bid Schedule which price shall constitute full compensation for the removal and disposal of such drainage pipe, exfiltration trench, rock or felt including but not limited to excavation, compaction, backfilling, compaction, dewatering, all restoration work and all else necessary for the complete removal and disposal of existing drainage pipe.

K. Item No. 11 – Existing Drainage Structure Removal & Disposal:

- a. Measurement for payment to remove and dispose of existing drainage structures will be based upon the actual number, each, of such structures removed all in accordance with the Contract Documents.
- b. Payment for removal and disposal of existing drainage structures will be made at the unit price, each (EA), named in the Bid Schedule which price shall constitute full compensation for the removal and disposal of each, structure and shall include, but not be limited to, excavation, removal, disposal, backfill of excavation, compaction, dewatering, and all restoration work complete.

L. Item No. 12-30 – Furnish and Install Drainage Structures and Manholes:

- a. Measurement for payment to furnish and install drainage structures, manholes or conflict structures (round or square) will be based upon the actual quantity, each (EA), of such structures constructed, all in accordance with the requirements of the Contract Documents.
- b. Payment for furnishing and installing drainage structures or manholes (round or square) will be made at the unit price, each (EA), named in the Bid Schedule which price shall constitute full compensation for the completed installation of the structure including but not limited to excavation, dewatering, backfill, compaction, fill, bedding, filter fabric, frames, grates, rims, covers, FDOT ditch bottom inlet type "K" structure with vertical bleeders and baffle, construction of the reinforced concrete structure, **reestablishment of existing paved over structures (including new**

concrete risers, top slabs, frame & grates, and all other materials for future maintenance access as required), conflict structures, construction of weirs, mud work, root pruning, and barrier walls, including bicycle guiderails, pedestrian handrails, and other pedestrian/cyclist protection devices as required, temporary utility relocations and all else necessary for a complete and functional installation.

- c. Conflict structures will include pipe sleeve and meet City Standards.

M. Item No. 31-33 – Furnish and Install Endwall:

- a. Measurement for payment for construction of concrete endwalls/flared end sections/endwall energy dissipator at and around pipe joints, **including pedestrian & bicycle safety devices (guiderails, handrails),** located where proposed outfall pipes end will be based on the actual quantity, each (EA), of such end walls, all in accordance with the Contract Documents.
- b. **Payment for the item will be made at the unit price each (EA), named in the Bid Schedule which price shall constitute full compensation to furnish and install end wall/flared end sections, walls, etc. including, but not limited to pre-fabricated materials, excavation, compaction, saw cutting, dewatering, cleaning of existing/proposed pipe in all directions, backfill, mud work, fill, erosion control, stabilization of ground, barrier walls, wall connections, guiderails, handrails, pedestrian & bicycle safety devices, revetment, filter fabric, temporary utility relocations, root pruning and all else necessary for a complete and functional installation.**

MI. Item No. 34 - Connect Existing Storm Drainage Pipe to New Structure:

- a. Measurement for payment for the item connecting existing storm drainage pipe to new structure will be based upon the actual quantity, each, of such connections, all in accordance with the requirements of the Contract Documents.
- b. Payment for the item will be made at the unit price, each (EA), named in the Bid Schedule which price shall constitute full compensation for the completed installation of the connection including but not limited to excavation, dewatering, backfill and compaction, saw cutting, grouting, mud work, construction of the connection, restoration, plugs, cleaning of existing pipe (desilted and water jetted etc.) and all else necessary for a complete and functional installation.

MII. Item No. 35-38 – Furnish and Install Water Quality Structure:

- a. Measurement for payment to furnish and install water quality structure will be based upon the actual quantity, each (EA), of such structures constructed, all in accordance with the requirements of the Contract Documents.

- b. Payment for furnishing and installing water quality structure will be made at the unit price, each (EA), named in the Bid Schedule which price shall constitute full compensation for the completed installation of the structure including but not limited to excavation, dewatering, backfill, compaction, construction of the reinforced concrete structure, installation of precast structure, sheeting and shoring, erosion control, water quality components per the drawing details, bedding, temporary utility relocations, root pruning and all else necessary for a complete and functional installation.
 - c. Signed and Sealed Shop Drawings are required for all water quality structures.
- P. Item No. 39-45 – Furnish and Install Wapro Check Valve (Sizes 4” – 36”):
- a. Measurement for payment to furnish and install check valves will be based upon the actual quantity, each, of such check valve constructed, all in accordance with the requirements of the Contract Documents.
 - b. Payment for furnishing and installing Wapro check valves, or approved equal, will be made at the unit price, each, named in the Bid Schedule which price shall constitute full compensation for the completed installation of the check valve including but not limited to excavation, pipe cutting, connection to structure, boat/barge for access, sheeting, backfill and compaction, dewatering, grouting, cleaning of existing or proposed pipe, restoration, and installation of adapters and fittings (including reducers for connections to elliptical pipe) necessary for a complete and functional installation.
 - c. Shop Drawings are required for all check valves.
- Q. Item No. 46 – Furnish and Install Masonry Plug (All Sizes):
- a. Measurement for payment to furnish and install masonry plugs will be based upon the actual quantity, each, of such masonry plugs constructed, all in accordance with the requirements of the Contract Documents.
 - b. Payment for furnishing and installing masonry plugs will be made at the unit price, each, named in the Bid Schedule which price shall constitute full compensation for the completed installation of the masonry plugs including but not limited to excavation, pipe cutting, brick, mud work, backfill and compaction, dewatering, grouting, cleaning of existing or proposed pipe, restoration all else necessary for a complete and functional installation.
- R. Item No. 47– Furnish and Install Pollution Retardation Baffle (PRB):
- a. Measurement for payment to furnish and install PRB will be based upon the actual quantity, each (EA), of such PRB’s installed, all in accordance with the requirements of the Contract Documents.
 - b. Payment for the item will be made at the unit price, each (EA), named in the Bid Schedule which price shall constitute full compensation for the completed installation of the PRB including but not limited to excavation,

dewatering, backfill and compaction, saw cutting, grouting, gaskets, hardware, restoration, and all else necessary for a complete and functional installation.

S. Item No. 48-64 (INCLUDING 61) – Furnish and Install Drainage Pipe and Box Culvert:

- a. Measurement for payment for furnishing and installing drainage pipe and box culverts will be based upon the number of linear feet (LF) of such pipe actually constructed as determined by measurement along the centerline of the pipe in place, not including through structures, all in accordance with the requirements of the Contract Documents.
- b. Payment for furnishing and installing drainage pipe and box culverts will be made at the unit price per linear foot (LF) of pipe named in the Bid Schedule.
- c. Payment shall include, but is not limited to, providing all necessary pipe excavation, shoring & sheeting (excluding what is shown in the plans and provided in line items 8 & 9), dewatering, bedding backfilling, compaction, temporary pavement restoration **and markings**, gaskets, filter fabric jacket, couplings, punch outs for pipe connections, pipe connections, concrete jackets, root pruning and temporary relocation of existing utilities as required for a complete and functional installation.

T. Item No. 65 – Furnish and Install 6'X6' Exfiltration Trench with 18" Slotted RCP:

- a. Measurement for payment for furnishing and installing exfiltration trench including slotted RCP will be based upon the number of linear feet (LF) of such pipe and exfiltration trench actually constructed as determined by measurement along the centerline of the pipe in place, not including through structures, all in accordance with the requirements of the Contract Documents. Line item may include new and existing exfiltration trench replacement.
- b. Payment for furnishing and installing exfiltration trench will be made at the unit price per linear foot (LF) of pipe named in the Bid Schedule.
- c. Payment shall include providing all necessary pipe excavation, shoring & sheeting (excluding what is shown in the plans and provided in line items 8 & 9), dewatering, slotted drainage pipe, ballast rock, filter fabric, compaction, temporary pavement restoration **and markings**, root pruning and temporary relocation of existing utilities as required for a complete and functional installation.

U. Item No. 63 – Line Existing Storm Pipe with C.I.P.P. (Cured In-Place Pipe – Sizes vary from 12"-24"):

- a. Measurement and payment for the item to line existing storm drain pipe with C.I.P.P. will be based upon the actual quantity, linear feet (LF) of existing storm drain pipe lined with C.I.P.P. all in accordance with the Contract Documents.

- b. Payment for the item line existing storm drain pipe (sizes vary) with C.I.P.P. will be made at the unit price per linear foot (LF) named in the Bid Schedule shall constitute full compensation for, but not limited to video-taping storm drain before and after C.I.P.P. installed, de-rooting pipe as necessary, dewatering, plugs, cleaning of pipe, the complete lining of the existing storm drain pipe with C.I.P.P., standard resin, as manufactured by Insituform Technologies, Inc., or approved equal, in accordance with the manufacturer's specifications and in accordance with Contract Documents and in accordance with ASTM F1216, ASTM F1743 and ASTM D790 and else necessary for a complete and functional installation.
- c. Minimum C.I.P.P. thickness are as follows for specific pipe diameters: 7.5 mm – 15"/9 mm – 18"/10.5 mm – 24". Thickness of C.I.P.P. for larger diameter pipes shall be in accordance with manufacturer's specifications.
- d. Payment for cleaning of the pipe, acceptable to Engineer, prior to lining the pipe shall be paid for under the Bid Item for Desilting/water jetting.

V. Item No. 67-70 – Desilting / Water Jetting Existing Drainage Pipe and Structures

- a. Contractor's unit price shall incorporate all labor, material, and equipment costs required to clean and televise the existing stormwater pipe and structures within the project limits, including but not limited to initial field investigation to identify site conditions or access issues requiring special arrangements and/or CITY notification/coordination; system dewatering using plugs and hoses as needed along with necessary maintenance of traffic and safety precautions where the hoses cross streets or driveways; tanker trucks, disposal of material, cleaning to remove foreign material from the sewer lines and structures for clear viewing of the interior surface of the pipe and structures during video inspection and to restore the sewer to near original carrying capacity; video documentation of the location and extent of displaced joints, cracks or breaks in pipe and structures, and other defects that may permit groundwater infiltration and/or ingress of soil from around the exterior of pipe and structures; and, submittal of video in digital format to the CITY.
- b. Payment shall be made at the unit price, linear foot/each, at the conclusion of cleaning/televising and after video is reviewed and accepted by the CITY. Measurement for payment for cleaning/televising of drainage pipe will be based upon the number of linear feet of such pipe and / or number of each structure as determined by measurement along the centerline of the pipe in place, not including through structures and number of structures cleaned.

VI. Item No. 71 – Furnish and Install Stormwater AES Du-Plex Pump Station (SW 12th AVE/SW 21st ST):

- a. Measurement for payment to Furnish and Install AES Packaged Stormwater Pump Station or approved equal will be based upon the number of lump sum of such pump station actually constructed all in accordance with the requirements of the Contract Documents.

- b. Payment for AES packaged lift station will be made at the lump sum price, named in the Bid Schedule, which price shall constitute full compensation. Station Pad, Pumps, Panels, and Associated Features (Includes Clearing and Grubbing Required for Site Preparation, Gravel, Type 'D' Curb, Site Grading, Includes All Required Costs Required for Rail, Lifting Bail-Post, Haul Chain), Electrical Equipment, FPL Relocation, Shutdown, and coordination related to any Conflict between the Lift Station and FPL Facilities. Lift station shall be complete, energized, calibrated, tested satisfactory to the CITY and the ENGINEER and ready for service, all in accordance with the Contract Documents.

IV. WATER AND FORCE MAIN RELOCATIONS

X. Item No. 72-76 – Furnish and Install Ductile Iron Pipe:

- a. Measurement for payment for furnishing and installing ductile iron pipe will be based upon the number of linear feet of such pipe actually constructed as determined by measurement along the centerline of the pipe in place, inclusive of valve structures, vaults and casings, megalugs, restraints all in accordance with the requirements of the Contract Documents.
- b. Payment for furnishing and installing ductile iron pipe will be made at the unit price per linear foot (LF) of pipe named in the Bid Schedule which price shall constitute full compensation for the complete installation of ductile iron pipe and restraints including excavation, dewatering, shoring & sheeting (excluding what is shown in the plans and provided in line items 8 & 9), bedding, backfill, compaction, **temporary pavement restoration and markings**, testing, clearing, reconnection of existing fire hydrants, fire services, irrigation services, water services from main to property lines, temporary utility relocation, bypassing, maintenance of existing services, root pruning and all else necessary for a complete and functional installation.

XI. Item No. 77-79 – Furnish and Install Tapping Sleeve and Valve with Box:

- a. Measurement for payment to furnish and install tapping sleeve and valve with box will be based upon actual quantity, each, of such named tapping sleeves and valves furnished and installed, all in accordance with the requirements of the Contract Documents.
- b. Payment for furnishing and installing tapping sleeves and valves with box will be made at the unit price each (EA), named in the Bid Schedule which price shall constitute full compensation for the installation of the excavation, dewatering, backfill, compaction, tapping sleeve, valve, valve extension and valve box for a complete and functional installation.

XII. Item No. 80-82 – Furnish and Install Gate Valve with Valve Box:

- a. Measurement for payment to furnish and install valves will be based upon actual quantity, each, of such valves (gate, butterfly, or plug) and boxes furnished and installed, all in accordance with the requirements of the

Contract Documents. Additional valves incorporated for testing purposes shall be paid at the unit price.

- b. Payment for furnishing and installing valves and boxes will be made at the unit price each, named in the Bid Schedule which price shall constitute full compensation for the completed installation of the valve, including valve box, brass tag, and extension to finish grade and concrete collar installed in unpaved areas. Test valves shall be constructed with a riser to ground level, and be marked, tagged, and photographed.

AA. Item No. 83 – Furnish and Install Ductile Iron Fittings:

- a. Measurement for payment to furnish and install fittings, water and force main shall be based upon the unit price per ton named in the Bid Schedule for such fittings furnished all in accordance with the Contract Documents. Weight will be based on compact fitting weight only; not including megalugs.
- b. Payment for furnishing and installing fittings shall be at the unit price per ton and shall include furnishing, installing, restraints, for a complete installation including storing and transporting the fittings.

BB. Item No. 84-85 – Furnish and Install Line Stops:

- a. Measurement for payment to furnish and install a line stop with a by-pass outlet will be based upon the actual quantity, each of such line stops furnished and installed, all in accordance with the requirements of the Contract Documents.
- b. Payment for furnishing and installing a line stop with a by-pass outlet will be made at the unit price each, named in the Bid Schedule which price shall constitute full compensation for completed installation of the line stop with by-pass, whether double or single line stop, valve, valve box and extension to finish grade, concrete pad/jacket, concrete collar installed in unpaved areas, dewatering, excavation, backfill, thrust calculations signed and sealed, and all else necessary for a complete and functional installation.

CC. Item No. 86 – Abandon, Cap and Grout Existing Water and Force Main (All Sizes):

- a. Measurement for payment to abandon, cap and grout pipe will be based upon the actual number of linear feet of such pipe actually abandoned, all in accordance with the Contract Documents.
- b. Payment for abandoning, capping and grouting of existing water main and force main pipe will be made at the unit price per linear foot of pipe named in the Bid Schedule which price shall constitute full compensation for the abandoning, grouting and plugging of such pipe, including investigation, potholing, excavation, cutting existing pipe, capping existing pipe, backfilling trench, compaction, removal of existing valves, and all restoration work. Limits of payment for abandonment shall be based on as-built locations of caps installed for grouting.

- c. Contractor shall verify that all existing house connections/services have been disconnected prior to grouting of existing pipelines. Any damages incurred to private property due to house connections/services not disconnected prior to grouting the pipe, the CONTRACTOR shall repair and/or replace damage at no expense to the City.
 - d. Existing pressure mains to be abandoned and grouted shall be cut and capped/plugged within one (1') foot of the main pressure line to remain in service. The CONTRACTOR shall determine the actual location of the existing connection to the main line by excavation, potholing, etc.
- M. Bid Item 87 – Remove and Dispose of Existing Pipe, Water and Force Main (All Types of Material and Sizes):
- a. Measurement for payment to remove and dispose of existing pipe, water main, force main, etc. will be based upon the actual number of linear feet of such pipe, named in the Bid Schedule, actually removed all in accordance with the Contract Documents.
 - b. Payment for removal and disposal of existing pipe, water, force main, etc. will be made at the unit price per linear foot of pipe named in the Bid Schedule which price shall constitute full compensation for the removal and disposal of such pipe, including excavation, removal of valves, fittings, valve boxes, backfilling trench and all restoration work.
 - c. Removal and disposal of asbestos cement pipe shall be in accordance with State and Local laws.
- EE. Item No. 88 – Connect to Existing Main:
- a. Measurement for payment to connect to existing water/force main by means of cutting existing water/force main, removing existing plugs and connecting proposed water/force main, and cutting-in proposed plugs will be based upon actual quantity, each, of such connections made in accordance with the contract documents.
 - b. Payment to connect to existing water/force main by means of cutting existing water/force main, removing existing plugs and connecting proposed water/force main, and cutting-in proposed plugs will be made at the unit price each, indicated on the Item Response Form which price shall constitute full compensation for the completed installation of the connection, including excavation, backfill, compaction, bedding, dewatering, shutting down existing main, temporary by-pass pumping, tanker trucks, cutting main, temporary caps, spool pieces and installation of the connection fittings, fill and flush jumper connections and all else necessary for a complete and functional installation.
- FF. Item No. 89 – Relocate Existing Fire Hydrant:
- a. Measurement for payment to relocate / replace existing fire hydrant will be based upon the actual quantity, each (EA), of such relocated / replaced fire

hydrant during construction all in accordance with the requirements of the Contract Documents.

- b. Payment for this item will be made at the unit price, each (EA), named in the Bid Schedule which price shall constitute full compensation for the completed installation of the supported power pole during construction including but not limited to excavation, restoration all else necessary for a complete and functional installation.

V. PAVING

GG. Item No. 90 – Remove & Dispose of Existing Concrete Pavement (Includes Driveways, Sidewalk, Pavers):

- a. Measurement for payment for removing and of all forms of concrete paving including driveways, sidewalks, and pavers will be based upon the actual number of square yards (SY) of such concrete pavement as shown in the Drawings, all in accordance with the requirements of the Contract Documents.
- b. Payment for removing and disposing concrete pavement will be made at the unit price per square yard (SY) named in the Bid Schedule which price shall constitute full compensation for completing said work, including all removal and disposal of existing concrete sidewalk, pavers, limerock base, concrete driveway, earthwork, clearing, and grading.

HH. Item No. 91 - Remove & Dispose of Existing Asphalt Pavement:

- a. Measurement for payment for removing asphalt paving will be based upon the actual number of square yards (SY) of such concrete pavement as shown in the Drawings, all in accordance with the requirements of the Contract Documents.
- b. Payment for removing and disposing asphalt pavement will be made at the unit price per square yard (SY) named in the Bid Schedule which price shall constitute full compensation for completing said work, including all removal and disposal of existing asphalt pavement, removal of existing lime rock base, earthwork, clearing, and grading.

II. Item No. 92-93 – Furnish and Install Concrete Sidewalk:

- a. Measurement for payment for removing and replacing concrete sidewalks and concrete driveways will be based upon the actual number of square yards (SY) of such sidewalks/driveways constructed as shown in the Drawings, all in accordance with the requirements of the Contract Documents.
- b. Payment for removing and replacing concrete sidewalks (at 4" thick in non-vehicular areas and 6" thick in vehicular use areas, as determined by ENGINEER) and driveways (minimum 6" thick) will be made at the unit price per square yard (SY) named in the Bid Schedule which price shall constitute

full compensation for completing said work, including all earthwork, clearing, grading, compaction of subgrade, backfilling, testing, construction of the concrete sidewalk and driveways, formwork, detectable warning cutting and installation, protect trees to remain, meter location and elevation adjustment, furnishing and setting for expansion joint material, disposal of excess material, and the appurtenant items for which separate payment is not specifically included in the Bid Schedule.

JJ. Item No. 94 – Mill and Resurface 1” Asphalt (SP-9.5) (Within City of Fort Lauderdale ROW):

- a. Measurement for payment for milling and resurfacing of asphalt pavement within the City of Fort Lauderdale Rights-of-Way will be based upon the number of square yards (SY) of such asphalt pavement actually milled and resurfaced, as detailed in the Drawings, all in accordance with the requirements of the Contract Documents.
- b. Payment for milling and resurfacing of asphalt pavement at the minimum thickness of 1” indicated will be made at the unit price per square yard (SY) for such milling and resurfacing as named in the Bid Schedule which price will constitute full compensation for milling and disposal of existing asphalt to a minimum depth of 1”, applying a tack coat and furnishing, placing and compacting a minimum 1” to maximum of 4” thick Superpave SP-9.5, complete in place to the cross section of existing roadway, including adjust/modify existing manhole, catch basin, meter box and valve box, temporary pavement markings and messages, milling and saw cutting of all pavement and all cleanup of the area disturbed by this construction.

Milling and resurfacing shall comply with the specifications as shown in the plans and be determined based on Jurisdiction of Rights-Of-Way. Asphalt shall be placed to assure an approximate 2% minimum cross slope is maintained throughout the resurfacing area of the roadway. Asphalt overlay may vary from 1” thick to 4” to achieve desired cross section as specified in the Plans.

KK. Item No. 95 – Mill and Resurface 1” Asphalt (SP-9.5) (Within FDOT ROW):

- a. Measurement for payment for milling and resurfacing of asphalt pavement within the FDOT Rights-of-Way will be based upon the number of square yards (SY) of such asphalt pavement actually milled and resurfaced, as detailed in the Drawings, all in accordance with the requirements of the Contract Documents.
- b. Payment for milling and resurfacing of asphalt pavement at the minimum thickness of 1” indicated will be made at the unit price per square yard (SY) for such milling and resurfacing as named in the Bid Schedule which price will constitute full compensation for milling and disposal of existing asphalt to a minimum depth of 1”, applying a tack coat and furnishing, placing and compacting a minimum 1” to maximum of 4” thick Superpave SP-9.5, complete in place to the cross section of existing roadway, including adjust/modify existing manhole, catch basin, meter box and valve box,

temporary pavement markings and messages, milling and saw cutting of all pavement and all cleanup of the area disturbed by this construction.

Milling and resurfacing shall comply with the specifications as shown in the plans and be determined based on Jurisdiction of Rights-Of-Way. Asphalt shall be placed to assure an approximate 2% minimum cross slope is maintained throughout the resurfacing area of the roadway. Asphalt overlay may vary from 1" thick to 4" to achieve desired cross section as specified in the Plans.

C. Item No. 96 – Furnish and Install Pavement Restoration (Within City of Fort Lauderdale ROW):

- a. Measurement for payment for pavement restoration within City of Fort Lauderdale Right of Ways will be based upon the actual number of square yards of pavement area restored within the corresponding Right of Ways all in accordance with the requirements of the Contract Documents.
- b. Payment for pavement restoration within City of Fort Lauderdale Right of Ways will be made at the unit price per square yard named in the Bid Schedule, which price shall constitute full compensation for furnishing and placement of LBR 40 subgrade, limerock base, superpave asphalt, friction course, milling per detail, saw cutting, temporary pavement markings, traffic loop restoration and asphalt surface course material for full lane width to complete to the cross- section and thickness as shown in the Contract Documents including removal of all necessary pavement deemed necessary by the ENGINEER.
- c. Pavement restoration shall comply with cross section as depicted on the Drawings and as per specifications of the corresponding jurisdictional authority.

Cl. Item No. 97 – Furnish and Install Pavement Restoration (Within FDOT ROW):

- a. Measurement for payment for pavement restoration within FDOT Right of Way will be based upon the actual number of square yards of pavement area restored all in accordance with the requirements of the Contract Documents.
- b. Payment for pavement restoration within FDOT Right of Way will be made at the unit price per square yard named in the Bid Schedule, which price shall constitute full compensation for furnishing and placement of LBR 40 subgrade, ABC Base, and Superpave asphalt to match the existing roadway, milling per detail, temporary pavement markings, traffic loop restoration complete to the cross section and thickness as shown in the Contract Documents including removal of all necessary pavement deemed necessary by the ENGINEER. Temporary asphalt, as approved by the ENGINEER, will be paid under a separate pay item.
- c. Pavement restoration shall comply with cross section as depicted on the Drawings and FDOT specifications.

NN. Item No. 98 – Full Roadway Reconstruction (2" Asphalt, 8" Limerock Base, 12" Stabilized Subgrade)

- a. Measurement for payment for full roadway reconstruction will be based upon the number of square yards of full roadway reconstruction actually constructed, as detailed in the Drawings, all in accordance with the requirements of the Contract Documents. Two lifts will not be installed simultaneously. The second lift of asphalt will be placed prior to the project completion.
- b. Payment for full roadway reconstruction will be made at the unit price per square yard (SY) for a complete roadway section as named in the Bid Schedule which price will constitute full compensation for applying a tack coat, furnishing, placing and compacting all asphalt surface complete in place to the cross section and thickness shown on the Drawings; limerock base restoration (8" minimum LBR 100) and stabilized Subgrade (12" LBR 40) including restoration of damaged asphalt pavement within the right-of-way, adjust/modify existing manhole, catch basin, meter box and valve box, placing temporary pavement markings, saw cutting of all pavement and all cleanup of the area disturbed by this construction. Asphalt shall be placed in 2 – 1" lifts, with the second lift after all other work has been completed.

OO. Item No. 99 – Remove and Replace New Asphalt Speed Hump per City Standards:

- a. Measurement for payment for removal and disposal of existing speed hump and furnishing and install new asphalt speed hump per city detail will be based on the actual quantity, each (EA), of such new asphalt speed hump installations, all in accordance with the Contract Documents.
- b. Payment for the item will be made at the unit price each (EA), named in the Bid Schedule which price shall constitute full compensation for the completed connection including, but not limited to removal and disposal of existing humps, installation of new asphalt speed hump, striping of new speed hump, and all else necessary for a complete and functional installation meet the City standard detail for speed humps.

PP. Item No. 100 – Furnish and Install Concrete/Asphalt Apron for Drainage Structures - 4" Thick:

- a. Measurement for payment for construction of concrete or asphalt aprons at and around catch basins/inlets located in sod grass swales will be based on the actual quantity, each (EA), of such aprons, all in accordance with the Contract Documents.
- b. Payment for the item will be made at the unit price each (EA), named in the Bid Schedule which price shall constitute full compensation for apron including, but not limited to saw cutting, excavation, dewatering, form work, asphalt work, concrete work, cleaning of existing/proposed structure in all directions, backfill, mud work, and all else necessary for a complete and functional installation.

- QQ. Item No. 101-103 – Remove & Replace Type “D” Curb / Type “F” Curb & Gutter / Valley Gutter / Drop Curb:
- a. Measurement for payment to remove and replace valley/drop curb/curb/curb & gutter will be based upon the actual number of linear feet of Type “D” Curb / Type “F” Curb & Gutter / Valley Gutter / Drop Curb actually removed and replaced.
 - b. Payment for removal and replacement of Type “D” Curb / Type “F” Curb & Gutter / Valley Gutter / Drop Curb will be made at the unit price per linear foot named in the Bid Schedule which price shall constitute full compensation for the removal, disposal, and replacement of Type “D” Curb / Type “F” Curb & Gutter / Valley Gutter / Drop Curb including 4” limerock pad complete all in accordance with the Contract Documents.
- RR. Item No. 104 – Furnish and Install Permeable Pavement Section (Includes Pavers, Geogrid, Geotextile Fabric, Stone, Bedding, 12” Paver Banding W/Rebar):
- a. Measurement for payment for furnishing and placing permeable paving will be based upon the number of square yards (SY) of such materials actually compacted in place, in accordance with the requirements of the Contract Documents.
 - b. Payment for furnishing and placing of permeable paving will be made at the unit price per square yard (SY) named in the Bid Schedule, which price shall constitute full compensation for furnishing permeable paving, pavers, base underdrains, geogrid, geotextile fabric, stone, bedding, 12” paver banding with rebar material, stone bedding, and subgrade and all other items per Contract Documents, in place, including all transportation, handling, cleaning, positioning and compacting and disposal of waste or unsuitable material.
 - c. Permeable pavement manufacture and installation shall meet the requirements of the Contract Documents and shall apply to vehicular use areas with heavy duty loading. Contractor shall submit shop drawing for approval by ENGINEER.
- SS. Item No. 105 – Furnish & Install Asphalt Driveways (1” thick SP-9.5 Asphalt including 6” limerock base and compacted subgrade):
- a. Measurement for payment for furnishing and installation of asphaltic concrete driveways will be based upon the actual number of square yards (SY) of such asphalt driveways restored as shown in the Drawings, all in accordance with the requirements of the Contract Documents.
 - b. Payment for furnishing and installation of asphaltic concrete driveways will be made at the unit price per square yard (SY) named in the Bid Schedule which price shall constitute full compensation for completing said work, including all removal and disposal of existing material, earthwork, grading, base compaction, construction of the driveway 1” asphalt pavement Type SP-9.5, 6” limerock base material (LBR 100), compacted subgrade, disposal

of excess material, densities passed, and the appurtenant items for which separate payment is not specifically included in the Bid Schedule.

- c. No payment will be made for removal and restoration of driveways outside the limits shown on the Drawings or not approved by the ENGINEER. Driveway restoration on private property shall be done with property owner's written consent and approved by the ENGINEER, to accommodate grade changes.

TT. Item No. 106-108 – Furnish & Install 6" thick Concrete Driveways (including 12" compacted subgrade) / Stamped Concrete Driveways (6" thick Stamped Concrete including 12" compacted subgrade) / Paver Driveways (Pavers including 1" sand bed and 12" compacted subgrade)

- a. Measurement for payment for removal and restoration of concrete, stamped concrete or paver driveways will be based upon the actual number of square yards (SY) of such concrete, stamped concrete or paver driveways restored as shown in the Drawings, all in accordance with the requirements of the Contract Documents.
- b. Payment for removal and restoration of concrete, stamped concrete or paver driveways will be made at the unit price per square yard (SY) named in the Bid Schedule which price shall constitute full compensation for completing said work, including all removal and disposal of existing material, earthwork, grading, base compaction, construction of the driveway to the same depth and material as the existing one, base material, sand, furnishing and setting for expansion joint material, disposal of excess material, densities passed, and the appurtenant items for which separate payment is not specifically included in the Bid Schedule.
- c. No payment will be made for removal and restoration of driveways outside the limits shown on the Drawings or not approved by the ENGINEER. Driveway restoration on private property shall be done with owner's written consent and approved by the ENGINEER, to accommodate grade changes.

VI. NEW ROAD CONSTRUCTION (ACCESS ROAD & SW 17th AVENUE)

UU. Item No. 109-110 – Furnish & Install Type B Stabilization / Optional Base, Base Group 10:

- a. Measurement for payment for Type B Stabilization / Optional Base, Base Group 10 will be based upon the number of square yards actually constructed, as detailed in the Drawings, all in accordance with the requirements of the Contract Documents.
- b. Payment for this item will be made at the unit price per square yard (SY) as named in the Bid Schedule which price will constitute full compensation for applying a tack coat, furnishing, placing and compacting all base surface complete in place to the cross section and thickness shown on the Drawings; limerock base restoration (8" minimum LBR 100) and stabilized

Subgrade (12" LBR 40) including saw cutting of all pavement and all cleanup of the area disturbed by this construction.

X. Item No. 111 – SuperPave A.C. (9.5) (Traffic C), 1 Inch (2 lifts):

- a. Measurement for payment for SuperPave A.C. (9.5) (Traffic C), 1 Inch (2 lifts) will be based upon the number of square yards (SY) of such asphalt pavement actually installed, as detailed in the Drawings, all in accordance with the requirements of the Contract Documents.
- b. Payment for asphalt pavement at the depth indicated will be made at the unit price per square yard (SY) as named in the Bid Schedule which price will constitute full compensation for applying a tack coat and furnishing, placing and compacting a minimum 1" to maximum of 4" thick Superpave SP-9.5, complete in place to the cross section of roadway, including adjust/modify existing manhole, catch basin, meter box and valve box, temporary pavement markings and messages, milling and saw cutting of all pavement and all cleanup of the area disturbed by this construction. Installation shall comply with the specifications as shown in the plans and be determined based on Owner/Jurisdiction of Rights-Of-Way. Asphalt shall be placed to assure an approximate 2% minimum cross slope is maintained throughout the resurfacing area of the roadway. Asphalt overlay may vary from 1" thick to 4" to achieve desired cross section as specified in the Plans.

VII. LANDSCAPING

WW. Item No. 112 – Embankment Restoration/Regrading/Stabilization/Resodding:

- a. Payment for all required embankment restoration, re-grading, stabilization, and re-sodding at berm locations in and out of the Preserve area will be made at the lump sum price named in the Bid Schedule. The CONTRACTOR may request payment for this bid item after acceptable inspection of the completed embankment work in any of the berm areas have been cleared of all conflicts with proposed construction and all demolished items not intended to remain have been disposed of properly.
- b. Payment for the item will be made at the unit price, square yard (SY), named in the Bid Schedule which price shall constitute full compensation for the embankment work including, but not limited to cost to excavate, re-grade, stabilize, re-sod, import fill, and all else necessary for a complete and functional embankment adequate to function at the outfall without erosion or failure of the embankment and meet industry, City and AHJ standard slope embankment and stabilization above and below water.

VIII. Item No. 113 – Restoration of Existing Irrigation System:

- a. Measurement for payment for restoration of existing irrigation system will be made at a per lot (EA) unit price named in the Bid Schedule of such irrigation system modification/restoration.

- b. Payment for irrigation system restoration will be made at per lot (EA) unit price named in the Bid Schedule which price shall constitute full compensation for the complete restoration of the irrigation system including capping existing system during construction and installing new irrigation. Repaired irrigation system shall be connected to existing private property irrigation systems. Irrigation systems shall match coverage/heads prior to construction.
- c. Irrigation systems shall be restored with pipe matching the size of the existing pipe and necessary adapters and coupling at each end splicing the restored pipe in place. All work shall meet the approval of the ENGINEER.

YY. Item No. 114 – Furnish and Install Plantings (Shrubs, Small Trees, Flowers, etc.):

- a. Payment for the item will be made at the per each lot (EA), named in the Bid Schedule which price shall constitute full compensation for the restoration of shrubs, bushes, small trees (above 2" caliber), flowers including, but not limited to cost of plant materials, fertilizer, watering, excavation, rental, equipment operation, landscape support material costs, planting, labor and all other work necessary to restore plantings to original condition.

ZZ. Item No. 115 – Trim Existing Tree:

- a. Measurement for payment to trim existing tree will be based upon the actual number, each, of trees trimmed.
- b. Payment to trim existing tree will be made at the unit price, each, indicated on the item response form. Trimming of trees shall include obtaining appropriate permits and the removal and disposal of all trimmed tree limbs/material associated with the trimming of trees as required by the contract documents or directed by the ENGINEER.
- c. This pay item is for the trimming of trees with overhanging limbs that conflict with the installation of proposed improvements and is at the discretion of the Engineer and City.

AAA. Item No. 116 – Tree Relocation / Replacement:

- a. Measurement for payment to relocate existing trees will be based upon the actual number, each, of trees relocated.
- b. Payment to relocate trees will be made at the unit price, each, indicated on the item response form. Relocation of trees shall include obtaining of appropriate tree removal/relocation permits, spading of the tree, root pruning, replanting, maintenance, backfill, tree protection barrier (including bio barrier) and the removal and disposal of all vegetative matter associated with the relocation of trees as required by the contract documents or directed by the ENGINEER.
- c. The ENGINEER may direct the contractor to relocate trees to adjacent private property when requested by homeowners. Homeowners must sign a

waiver and assume maintenance responsibility for trees in such situations. Contractor shall stake right of way limits a minimum of two weeks in advance of construction in order to coordinate with adjacent property owners and possible conflicting utilities.

BBB. Item No. 117 – Ditch Clearing of Vegetation along Canal:

- a. Payment for the Ditch Clearing of Vegetation along Canal will be made at the linear foot (LF) price named in the Bid Schedule. The CONTRACTOR may request payment for this bid item after acceptable inspection of the areas being restored.
- b. Payment for the item will be made per linear foot (LF) of clearing, as named in the Bid Schedule which price shall constitute full compensation for the restoration work including, but not limited to cost of plant and tree removal, debris removal, unsuitable material removal, excavation, rental equipment, equipment operation, landscape support, material costs, hand clearing, erosion control, removal and disposal of material and garbage offsite, removal of shrubs, removal of trees (4" diameter or less), fill, grading, compaction, sod, stabilization of banks, and all other work necessary to restore flow through the canal.

CCC. Item No. 118 – Removal of Existing Mangroves:

- a. Payment for the removal of existing mangroves will be made at the Square Foot (SF) price named in the Bid Schedule. The CONTRACTOR may request payment for this bid item after acceptable inspection of the areas being removed per the Contract Documents.
- b. Payment for the item will be made per the square foot (SF) of removal, named in the Bid Schedule which price shall constitute full compensation for the restoration work including, but not limited to cost of plant and tree removal, debris removal, unsuitable material removal, excavation, rental equipment, equipment operation, landscape support, material costs, hand clearing, erosion control, removal and disposal of material and garbage offsite, removal of mangroves, removal of trees (4" diameter or less), fill, grading, compaction, sod, stabilization of banks, and all other work necessary to completely remove the mangroves per the Contract Documents.

CCCI. Item No. 119 – Furnish and Install Sod (St Augustine for irrigated areas and Bahia sod)

- a. The Contract Unit Price Bid for this item shall constitute full compensation for furnishing and installing sod (St Augustine sod in irrigated areas and Bahia sod elsewhere) including all materials, labor, tools and equipment to restore to original or better conditions all green areas affected by construction operations in accordance with the Plans and Specifications. This item includes: excavation, backfilling, compaction, grading, top soil, sod, watering, fertilizing, disposal offsite of suitable or unsuitable material, erosion control, sedimentation control, dust control, and all other

appurtenances required to restore disturbed areas and as acceptable by the CITY. Sod areas shall be graded per Contract Documents prior to sod installation.

- b. Payment for this item shall be paid at the unit price per square yard (SY) named in the Bid Schedule.

VIII. MISCELLANEOUS

EEE. Item No. 120 – Replacement of Signing and Markings:

- a. Measurement and payment for all restoration of roadway pavement signing and marking will be made at the unit price, **lump sum (LS)** named in the Bid Schedule. The CONTRACTOR may request payment for this bid item after acceptable inspection of the areas being restored, in place, including temporary striping, temporary pavement messages, temporary reflective pavement markers (RPM), temporary layout, final thermoplastic striping, final thermoplastic pavement messages, **sign replacement**, final RPM, etc., all in accordance with the requirements of the Contract Documents.
- b. Payment for the item will be made at the lump sum (LS), named in the Bid Schedule which price shall constitute full compensation of the furnishing and placement of pavement markings, **messages, signs** and RPM's.

FFF. Item No. 121 – Unforeseen conflicts - Replacement of Existing Water Services:

- a. Measurement for payment to replace existing water services will be based upon the actual number, each, of such existing water services replaced all in accordance with the Contract Documents.
- b. Payment for replacement of existing water services from the main to the meter will be made at the unit price, each (EA) named in the Bid Schedule which price shall constitute full compensation for the replacement of existing water services including but not limited to excavation, compaction, backfilling, pavement restoration, all restoration work, reconnection to water main, tapping, corporation stop, saddles, service tubing, repair clamps, splicing, plugs, plugging existing corporation at main, pipe preparation and all else necessary for the complete and functional installation in accordance with the City of Fort Lauderdale's Minimum Standards.
- c. This line item will be used for existing water services that must be relocated in order to facilitate the proposed storm drain installation or existing water services that fail due to no fault of the CONTRACTOR. It will be the CONTRACTOR's responsibility to replace, at no expense to the CITY, existing water services damaged or broken due to lack of reasonable care during construction of the proposed improvements. Payment for this item will be made only as directed by the ENGINEER. This Bid Item may vary more than 20% without renegotiations of a unit price.

GGG. Item No. 122 – Unforeseen conflicts - Replacement of Existing Sanitary Sewer Laterals:

- a. Measurement for payment for the replacement of existing sanitary sewer laterals will be based on the actual quantity, each (EA), of such replacements constructed, all in accordance with the requirements of the Contract Documents.
- b. Payment for the replacement of existing sanitary sewer laterals will be made at the unit price, each (EA), named in the Bid Schedule which price shall constitute full compensation for the completed replacement of the existing sanitary sewer lateral including but not limited to maintenance of service, excavation, dewatering, backfill, compaction, removal and disposal of existing pipe and fittings, installation of pipe, fittings, couplings, reconnection to main and house service, restoration, flexible couplings and all else necessary for a complete and functional installation per the City of Fort Lauderdale's Minimum Standards.
- c. This Bid Item will be used for replacement of existing sanitary sewer laterals in conflict with the proposed storm drain improvements. This Bid Item will be used only as directed by the ENGINEER and may vary more than 20% without renegotiations of a unit price. It will be the CONTRACTOR's responsibility to repair, at no expense to the CITY, any existing sanitary sewer lateral damaged or broken due to the lack of reasonable care during construction of the proposed improvements, including complete restoration.

HHH. Item No. 123 – Excavation in Rock:

- a. Measurement for payment to excavate for infrastructure in rock will be based upon the actual number of linear feet of such excavation performed all in accordance with the Contract Documents.
- b. Payment for excavation in rock will be made at the unit price per linear foot named in the Bid Schedule which unit price shall constitute full compensation for the excavation of rock and shall include, but not be limited to, excavation, removal and disposal. Backfill of excavation, compaction and all restoration WORK shall be completed and paid under the applicable bid item for the utility being installed.
- c. Excavation in rock will be paid for on a linear foot basis regardless of depth and width required to properly install the proposed underground utility. This bid item is in addition to the normal cost of installing underground utilities named specific bid items. Payment for rock excavation will be made only when the requirements of Section 02300, Earthwork have been satisfied and approved by the ENGINEER.

III. Item No. 124 – Remove and dispose of Existing Guardrail:

- a. Measurement for payment for removing and disposing existing guardrail will be based upon the actual number of linear feet (LF) of such guardrail removed as determined by measurement along the centerline of the guardrail in place, all in accordance with the requirements of the Contract Documents.

- b. Payment for removing and disposing guardrail will be made at the unit price per linear foot (LF) of guardrail named in the Bid Schedule, which shall constitute full compensation for complete removal and disposal of existing guardrail.

JJJ. Item No. 125 – Furnish and Install Guardrail per FDOT Standards (2020 -2021) with anchors, TL-2 connections to barrier wall, end treatments, posts, hardware, etc.:

- a. Measurement for payment for furnishing and installing Guardrail per FDOT Standards (2020 -2021) with anchors, TL-2 connections to barrier wall, end treatments, posts, hardware, etc. will be based upon the actual number of linear feet (LF) of such guardrail furnished and installed as determined by measurement along the centerline of the guardrail in place, all in accordance with the requirements of the Contract Documents.
- b. Payment for furnishing and installing guardrail/handrails will be made at the unit price per linear foot (LF) of guardrail named in the Bid Schedule, which shall constitute full compensation for complete installation of new guardrail to current FDOT Index 536 standards including posts, rails, hardware, anchors, ends, etc. restoration of all areas disturbed by this construction and all else necessary for a complete and functional installation that meets FDOT current standards at the time of Bid.

KKK. Item No. 126-127 – Removal & Replacement of Existing Gate (Chainlink, PVC) / Fence (Chainlink, PVC):

- a. Measurement for payment to remove / relocate or replace existing fences/gates will be based upon the actual number of each or linear feet (LF) of such fence/gate actually removed / relocated or replaced all in accordance with the Contract Documents.
- b. Payment for removal / relocation or replacement of existing fence/gate will be made at the unit price each or per linear foot (LF) of such fence/gate removed / relocated or replaced as named in the Bid Schedule, including posts, top and bottom rails, gates, hardware, and all else necessary for a complete and functional installation.
- c. Fence shall be replaced with material matching the size and type of the existing fence/gate. Payment shall be made for fences removed / relocated or replaced as approved by the ENGINEER.

CL. Item No. 128 – Remove/Relocate/Replace Decorative Walls, Gates, Masonry Fencing:

- a. Measurement for payment to remove and relocate or replace existing decorative walls /masonry fencing/gates will be based upon the actual number each or linear feet of such walls/ fencing/gates actually removed and relocated or replaced, all in accordance with the Contract Documents.
- b. Payment for removal and relocation or replacement of existing decorative walls/masonry fencing/gates will be made at the unit price each or per linear

foot of wall/fence removed and relocated or replaced named in the bid, including but not limited to excavation, reinforcement, concrete footings and all restoration and all else necessary for a complete and functional installation.

- c. Replacement with material matching the size and type of the existing decorative wall/masonry fence. Payment shall be made for existing decorative walls/masonry fencing removed and relocated as approved by the ENGINEER.

IX. ALLOWANCE ACCOUNTS

A1. Permit, Licenses & Fees Allowance:

- a. The allowance account for this item shall be full compensation for all permits, licenses, and fees required of the Contractor from the various agencies having jurisdiction over the construction of the project. The allowance amount indicated is an estimate of the fees required. Payment will be based on the actual permit, license or fee paid directly to the agency, documented by paid receipts, and specifically excluding any labor, markups, overhead and profit, administration, or other costs involved in obtaining the permits, licenses or fees. Fees specifically excluded from this allowance include, but are not limited to, re-inspection fees and expired permit fees. Any portion of this fund remaining after all authorized payments have been made will be withheld from contract payment and will remain with the City of Fort Lauderdale.

A2. Testing Fees Allowance:

- a. See Section 01400, and all other references to material testing in the contract documents and any regulatory requirements. The allowance amount indicated for this item is dedicated to the payment for quality control testing and will be based upon the actual quality laboratory fees paid by the CONTRACTOR to the laboratory for construction of the project, all in accordance with the Contract Documents. The CONTRACTOR shall produce documentation upon request for payment verifying actual cost. Only laboratory fees substantiated and approved by the ENGINEER and CITY will be paid as part of this bid item. Any retest taken that is required due to a failed test will not be paid for by the City.

A3. All Work Associated with the Contaminated Groundwater Services:

- a. The allowance amount indicated for this item is dedicated for Dewatering in contaminated areas will be based upon the actual Dewatering Consultant Fees paid for by the Contractor, actual cost of construction of any monitoring wells required for dewatering contaminated areas, and the actual cost of all labor, equipment and materials necessary for all work for laboratory sampling, analysis, removal, treatment and discharge of contaminated groundwater in compliance with applicable regulatory requirements. Only disposal of Contaminated Materials or other measures that are necessary to address work in contaminated areas will be paid under this bid item. The

Dewatering allowance is an estimate of Contaminated Site Dewatering Services fees required for the project and is a cost pass-through item. The City will reconcile the actual cost with the CONTRACTOR up to the total allowance amount specified. The CONTRACTOR shall produce documentation verifying actual cost from subconsultants, or for time and material. Only Dewatering fees substantiated and approved by the ENGINEER and CITY will be paid as part of this bid item.

- b. Payment shall include, but is not limited to, hiring a Professional Engineer dewatering consultant, obtaining permits/licenses from regulatory agencies, providing all labor and equipment for Contaminated Site Dewatering Services, monitoring wells, testing and providing for disposal of contaminated material as required by SFWMD, EPD, or other regulatory agencies.
- c. Contaminated sites are known to exist near the project. The contractor shall coordinate special dewatering measures as needed.

A4. Removal and Disposal of Unsuitable/Contaminated Material:

- a. The allowance amount indicated for this item is dedicated to the payment for full compensation for furnishing all materials, labor, tools and equipment to excavate, remove, haul and dispose of contaminated or unsuitable materials encountered in accordance with the plans and specifications. This item includes but is not limited to: excavation, compaction, hauling, disposal, preparation for installing new material, and all appurtenances necessary for a complete and functional material removal acceptable to the CITY. Only fees substantiated and approved by the ENGINEER and CITY will be paid as part of this bid item.
- b. Payment for this item shall be paid at the unit prices per cubic yard (CY) as approved by the City.

A5. Furnish and Place Suitable Backfill Material:

- a. The allowance amount indicated for this item is dedicated to the payment for full compensation for furnishing all materials, labor, tools and equipment to transport, dump, excavate, compact, fill, haul suitable material to replace unsuitable material encountered in accordance with the plans and specifications. This item includes: clean fill, excavation, compaction, hauling, preparation for installing new material, erosion control, dust control, and all appurtenances necessary for a complete and functional material removal acceptable to the CITY. Only fees substantiated and approved by the ENGINEER and CITY will be paid as part of this bid item.
- b. Payment for this item shall be paid at the unit prices per cubic yard (CY) as approved by the City.

A6. All Work Associated with the Tree Protection, Removal, & Relocation, Including Maintenance of Landscaping within City ROW During Construction:

- a. The allowance amount indicated for this item is dedicated to the payment for all labor, equipment, material, and work required for the protection of existing trees and landscaping, maintenance, and removal of landscape protection and removal, relocation and trimming of existing trees and landscaping throughout construction. **This line item does not include any items previously described in VII Landscaping.** This item also includes the hiring of a Certified Landscape Architect and ISA Certified Arborist as necessary to prepare Tree Disposition, Relocation and Installation Plans as required to obtain the necessary permits within the limits of the City Right of Way and all other incidentals not included in other bid items. This includes, but is not limited to, preparing submittals to the City that shows existing trees and their description, preparation of necessary permit documents for submission to the City and County as necessary, performing ISA tree appraisals for trees to be removed for mitigation purposes, providing an ISA certified arborist to prune tree roots within paving areas, installing root barrier systems as required by the City, installing temporary tree barricades for protection during construction activities and all other work incidental to the protection and removal of tree protection as required by the City and the Contract Documents. Any portion of this fund remaining after all authorized payments have been made will be withheld from contract payment and will remain with the City of Fort Lauderdale. Only fees substantiated and approved by the ENGINEER and CITY will be paid as part of this bid item.

A7. Unforeseen conflicts – Repair of Existing Sanitary Sewer Main (8"-16"):

- a. The allowance amount indicated for this item is dedicated to the payment for repairing existing sanitary sewer system will be based upon the amount of linear feet (LF) of such pipe actually removed/replaced/repared in accordance with the requirements of the Contract Documents up to the allowance limit specified. The unit prices established for this work will be used for compensation as directed by the City.
- b. Payment for removing/replacing/repairing existing sanitary sewer pipe will be made at the unit price approved by the City, which price shall constitute full compensation for the complete repair of the existing sanitary sewer system including but not limited to excavation, dewatering, backfill, sheeting and shoring, compaction, pavement bypassing, maintenance of service, restoration, fittings, couplings, etc. for a complete and functional installation per the City of Fort Lauderdale's Minimum Standards.
- c. This Allowance will be used for failures to the existing sanitary sewer system during construction due to no fault of the CONTRACTOR. This allowance will be used only as directed by the CITY and ENGINEER. It will be the CONTRACTOR's responsibility to repair the existing sanitary sewer system, at no expense to the CITY, damaged or broken due to the lack of reasonable care during construction of the proposed improvements, including complete restoration.

A8. Unforeseen conflicts - Relocate Existing Water & Force Main (4"-16"):

- b. The allowance amount indicated for this item is dedicated to the payment for relocating water & force main will be based upon the amount of linear feet (LF) of such pipe actually removed/replaced/relocated in accordance with the requirements of the Contract Documents up to the allowance limit specified. The unit prices established will be used for compensation as directed by the City.
- c. Payment for removing/replacing/relocating existing water and force main will be made at the unit price approved by the City, which price shall constitute full compensation for the complete repair of the existing water main and/or force main system including but not limited to excavation, dewatering, backfill, sheeting and shoring, compaction, pavement restoration, fittings, couplings, bypassing, maintenance of service, etc. for a complete and functional installation per the City of Fort Lauderdale's Minimum Standards.
- d. This Allowance will be used for failures and conflicts with the existing water or force main system during construction due to no fault of the CONTRACTOR. This allowance will be used only as directed by the CITY and ENGINEER. It will be the CONTRACTOR's responsibility to repair the existing water main and force main system, at no expense to the CITY, damaged or broken due to the lack of reasonable care during construction of the proposed improvements, including complete restoration.

A9. Unforeseen conflicts - Relocate Existing Gas Services:

- a. The allowance amount indicated for this item is for payment to direct and coordinate with the Gas Utility Company to relocate/remove/replace existing gas services in conflict with proposed utilities, structures, or services that are damaged during construction, all in accordance with the requirements of the Contract Documents. The necessary work included under this bid item is coordination with Gas Utility Company, scheduling, and providing temporary services as necessary to maintain existing gas services. Existing gas services shall be maintained throughout construction duration.

A10. Unanticipated Support of Existing Power Poles:

- a. The allowance amount indicated for this item is dedicated to the payment for full compensation for reimbursement to FPL for the unanticipated support of existing power poles and will be based upon the actual quantity, each, of such supported power pole during construction all in accordance with the requirements of the Contract Documents.
- b. Payment for supporting existing power poles will be made at the unit price agreed to by the CITY, which price shall constitute full compensation for the completed installation of the supported power pole during construction including but not limited to excavation, restoration all else necessary for a complete and functional installation.

A11. Florida Power and Light (FP&L) – Service & Fees Allowance:

- a. **The allowance amount indicated for this item is dedicated to the payment for full compensation for reimbursement paid to FPL for the costs associated with obtaining electrical power from FP&L for Pump Station 3C. The CONTRACTOR shall not add markup or overhead charges to these fees. The cost of the fee paid to FP&L shall be full compensation to the CONTRACTOR. All amounts remaining in this item upon completion of the project shall be credited to the CITY. Documentation verifying actual costs shall be submitted with the payment request.**
- b. **Payment for powering the pump station will be made at the unit price agreed to by the CITY, which price shall constitute full compensation for the reimbursement of costs associated with the completed installation and powering of the Pump Station 3C, including but not limited to excavation, utility installation, restoration, and all else necessary for a complete and functional installation.**

1.04 NONPAYMENT FOR REJECTED OR UNUSED PRODUCTS

- A. Payment will not be made for following:
 1. Loading, hauling, and disposing of rejected material.
 2. Quantities of material wasted or disposed of in manner not called for under Contract Documents.
 3. Rejected loads of material, including material rejected after it has been placed by reason of failure of Contractor to conform to provisions of Contract Documents.
 4. Material not unloaded from transporting vehicle.
 5. Defective Work not accepted by City.
 6. Material remaining on hand after completion of Work.

1.05 PARTIAL PAYMENT FOR STORED MATERIALS AND EQUIPMENT

- A. **Partial Payment:** Payment for stored materials and equipment shall only be made with submittal of "paid" receipts. No partial payments will be made for materials and equipment delivered or stored unless Shop Drawings or preliminary operation and maintenance manuals are acceptable to Engineer.
- B. **Final Payment:** Will be made only for products incorporated in Work; remaining products, for which partial payments have been made, shall revert to Contractor unless otherwise agreed, and partial payments made for those items will be deducted from final payment.

1.06 ALLOWANCES

- A. The allowances shall be used only at the discretion of and as ordered by the City.
- B. Any portion of these allowances that remain after all authorized payments have been made will be withheld from contract payments and will remain with the City.

PART 2 - PRODUCTS

(NOT USED)

PART 3 – EXECUTION

(NOT USED)

- END OF SECTION -