

AGREEMENT

THIS IS AN AGREEMENT, dated the 6 day of November, 2019, by and between:

THE CITY OF COOPER CITY, a municipal corporation of the State of Florida with a business address of **9090 S.W. 50th Place, Cooper City, Florida 33328** (hereinafter referred to as the "CITY")

and

HINTERLAND GROUP, INC., authorized to do business in the State of Florida, with a business address of **2051 W Blue Heron Blvd., Riviera Beach, FL 33404** (hereinafter referred to as the "CONTRACTOR"). CITY and CONTRACTOR may hereinafter be referred to collectively as the "Parties."

WITNESSETH:

In consideration of the mutual terms and conditions, promises, covenants and payments hereinafter set forth, CITY and CONTRACTOR agree as follows:

ARTICLE 1
PREAMBLE

In order to establish the background, context and form of reference for this Agreement and to generally express the objectives, and intentions of the respective parties herein, the following statements, representations and explanations shall be accepted as predicates for the undertakings and commitments included within the provisions which follow and may be relied upon by the parties as essential elements of the mutual considerations upon which this Agreement is based.

1.1 On **August 8, 2019**, the CITY advertised its notice to bidders of the CITY's desire to hire a firm to provide **Sewer Pump/Lift Station Rehabilitation and Repair** as more particularly described in **Exhibit "A"** attached hereto and by this reference made a part hereof, for the said bid entitled:

ITB 2019-12-UTL
"SEWER PUMP/LIFT STATION REHABILITATION AND REPAIR"

1.2 On **September 18, 2019**, the bids were opened at the offices of the City Clerk.

1.3 On 5 day of November, 2019, the CITY awarded the bid to CONTRACTOR and approved an agreement with CONTRACTOR consistent with the terms and conditions set forth herein.

ARTICLE 2
SERVICES AND RESPONSIBILITIES

2.1 CONTRACTOR hereby agrees to perform the services for the **Sewer Pump/Lift Station Rehabilitation and Repair**, as more particularly described in **Exhibit "A"** attached hereto and by this reference made a part hereof, ("Property") in accordance with the Scope of Services outlined in the specifications, **"ITB 2019-12-UTL"**, attached hereto and made a part hereof as **Exhibit "A"** and CONTRACTOR's response thereto, attached hereto and made a part hereof as **Composite Exhibit "B"**. CONTRACTOR agrees to do everything required by this Agreement, the Sealed Bid Package, Addenda to this Agreement, and Commission award complete with proposal form. In the event of any conflicts between this Agreement, Exhibit A and Exhibit B, this Agreement shall prevail, followed by Exhibit A.

2.2 CONTRACTOR shall furnish all services, labor, equipment, and materials necessary and as may be required in the performance of this Agreement, except as otherwise specifically provided for herein, and all work performed under this Agreement shall be done in a professional manner.

2.3 CONTRACTOR hereby represents to CITY, with full knowledge that CITY is relying upon these representations when entering into this Agreement with CONTRACTOR, that CONTRACTOR has the professional expertise, experience and manpower to perform the services to be provided by CONTRACTOR pursuant to the terms of this Agreement.

2.4 CONTRACTOR assumes professional and technical responsibility for performance of its services to be provided hereunder in accordance with recognized professional standards of good engineering practice. If within one year following completion of its services, such services fail to meet the aforesaid standards, and the CITY promptly advises CONTRACTOR thereof in writing, CONTRACTOR agrees to re-perform such deficient services without charge to the CITY.

2.5 CONTRACTOR shall not utilize the services of any sub-Contractor without the prior written approval of CITY.

ARTICLE 3
TERM AND TERMINATION

3.1 The term of this Agreement shall be for three (3) years, commencing on November 6, 2019 and terminating on November 5, 2022. This Agreement may be renewed for up to one (1) additional two (2) year terms, subject to the written consent and agreement between the Parties.

3.2 This Agreement may be terminated by either party for cause, or by the CITY for convenience, upon thirty (30) days written notice by the CITY to CONTRACTOR in which event the CONTRACTOR shall be paid its compensation for services performed to termination date. In the event that the CONTRACTOR abandons this Agreement or causes it to be terminated, CONTRACTOR shall indemnify the CITY against any loss pertaining to this termination up to a maximum of the full contracted fee amount. All finished or unfinished documents, data, studies, plans, surveys, and reports prepared by CONTRACTOR shall become the property of CITY and shall

be delivered by CONTRACTOR to CITY immediately.

3.4 **SCRUTINIZED COMPANIES.** CONTRACTOR certifies that it and any of its affiliates are not scrutinized companies as identified in Section 287.135, F.S. In addition, CONTRACTOR agrees to observe the requirements of Section 287.135, F.S., for applicable sub-agreements entered into for the performance of work under this Agreement. Pursuant to Section 287.135, F.S., the CITY may immediately terminate this Agreement for cause if the CONTRACTOR, its affiliates, or its subcontractors are found to have submitted a false certification; or if the CONTRACTOR, its affiliates, or its subcontractors are placed on any applicable scrutinized companies list or engaged in prohibited contracting activity during the term of the Agreement. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize these contracting prohibitions then they shall become inoperative.

ARTICLE 4
COMPENSATION AND METHOD OF PAYMENT

4.1 CONTRACTOR shall be entitled to invoice CITY on a monthly basis for services performed. The invoice shall include, but not be limited to, date of service, the amount of time spent, a description of the service, and any other information reasonably required by CITY. The compensation shall not exceed the unit prices stated in the "PRICING SHEET & ATTACHMENT N" Exhibit "A".

4.2 CITY will make its best efforts to pay CONTRACTOR within thirty (30) days of receipt of proper invoice the total shown to be due on such invoice.

4.3 All payments shall be governed by the Florida Prompt Payment Act, as set forth in Part VII, Chapter 218, Florida Statutes.

4.4 Payment will be made to CONTRACTOR at:

Hinterland Group, Inc.
Attn: Chase Rogers, Project Director
2051 W. Blue Heron Blvd.
Riviera Beach, FL 33404

ARTICLE 5
CHANGES TO SCOPE OF WORK AND ADDITIONAL WORK

5.1 CITY or CONTRACTOR may request changes that would increase, decrease, or otherwise modify the Scope of Services, as described in Exhibit "A," to be provided under this Agreement as described in Article 2 of this Agreement. These changes will affect the monthly compensation accordingly. Such changes or additional services must be in accordance with the provisions of the Code of Ordinances of the CITY, and must be contained in a written amendment, executed by the parties hereto, with the same formality, equality and dignity herewith prior to any deviation from the terms of this Agreement, including the initiation of any additional or extra work.

5.2 In no event will the CONTRACTOR be compensated for any work which has not been described in a separate written agreement executed by the parties hereto.

ARTICLE 6 **INDEMNIFICATION**

6.1 CONTRACTOR shall indemnify and save harmless and defend the CITY, its trustees, elected and appointed officials, agents, servants and employees from and against any and all claims, demands, or causes of action of whatsoever kind or nature sustained by the CITY or any third party arising out of, or by reason of, or resulting from acts, error, omission, or negligent act of CONTRACTOR, its agents, servants or employees in the performance under this Agreement, for all costs, losses and expenses, including but not limited to, damages to persons or third party property, judgments and attorneys' fees arising out of or in connection with the performance by CONTRACTOR pursuant to this Agreement.

6.2 CONTRACTOR shall indemnify CITY for all loss, damage, expense or liability including, without limitation, court costs and attorneys' fees that may result by reason of any infringement or claim of infringement of any patent, trademark, copyright, trade secret or other proprietary right due to services furnished pursuant to this Agreement. CONTRACTOR will defend and/or settle at its own expense any action brought against the CITY to the extent that it is based on a claim that products or services furnished to CITY by CONTRACTOR pursuant to this Agreement, or if any portion of the services or goods furnished in the performance of the service becomes unusable as a result of any such infringement or claim.

6.3 CONTRACTOR'S aggregate liability shall not exceed the proceeds of insurance required to be placed pursuant to this Agreement plus the compensation received by CONTRACTOR, or extend to any claims brought subsequent to the expiration of warranty period outlined above. The CITY's rights and remedies and CONTRACTOR's liabilities as set forth in this Agreement, are exclusive, and the CITY hereby releases CONTRACTOR from all further or subsequent liability, whether based in contract or tort and irrespective of fault, negligence, or strict liability.

6.4 The parties recognize that various provisions of this Agreement, including but not necessarily limited to this Section, provide for indemnification by the CONTRACTOR and that Florida Statutes §725.06 requires a specific consideration be given therefor. The parties therefore agree that the sum of **Ten Dollars and 00/100 (\$10.00)**, receipt of which is hereby acknowledged, is the specific consideration for such indemnities, and the providing of such indemnities is deemed to be part of the specifications with respect to the services to be provided by CONTRACTOR. Furthermore, the parties understand and agree that the covenants and representations relating to this indemnification provision shall serve the term of this Agreement and continue in full force and effect as to the party's responsibility to indemnify.

ARTICLE 7 **INSURANCE**

7.1 The CONTRACTOR shall indemnify and hold harmless the CITY and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including

attorneys' fees and costs of defense, which the CITY or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the CONTRACTOR or its employees, agents, servants, partners principals or subcontractors. The CONTRACTOR shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the CITY, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon. The CONTRACTOR expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the CONTRACTOR shall in no way limit the responsibility to indemnify, keep and save harmless and defend the CITY or its officers, employees, agents and instrumentalities as herein provided.

7.2 CONTRACTOR shall not commence work under this Agreement until it has obtained all insurance required under this paragraph and such insurance has been approved by the Risk Manager of the CITY nor shall the CONTRACTOR allow any subcontractor to commence work on his subcontract until all similar such insurance required of the subcontractor has been obtained and similarly approved.

7.3 Certificates of Insurance, reflecting evidence of the required insurance, shall be filed with the City's Risk Manager prior to the commencement of this Agreement. Policies shall be issued by companies authorized to do business under the laws of the State of Florida. The insurance company shall be rated no less than "A" as to management, and no less than "Class VI" as to financial strength according to the latest edition of Best's Insurance Guide published by A.M. Best Company.

7.4 Policies shall be endorsed to provide the CITY thirty (30) days notice of cancellation or the CONTRACTOR shall obtain written agreement from its Agent to provide the CITY thirty (30) days notice of cancellation.

7.5 Insurance shall be in force until all obligations required to be fulfilled under the terms of the Agreement are satisfactorily completed as evidenced by the formal acceptance by the CITY. In the event the insurance certificate provided indicates that the insurance shall terminate and lapse during the period of this Agreement, then in that event, the CONTRACTOR shall furnish, at least forty-five (45) days prior to the expiration of the date of such insurance, a renewed certificate of insurance as proof that equal and like coverage for the balance of the period of the Agreement and extension thereunder is in effect. The CONTRACTOR shall not commence nor continue to provide any services pursuant to this Agreement unless all required insurance remains in full force and effect. CONTRACTOR shall be liable to CITY for any lapses in service resulting from a gap in insurance coverage.

7.6 REQUIRED INSURANCE

7.6.1 Comprehensive General Liability Insurance written on an occurrence basis including, but not limited to: coverage for bodily injury and property damage, personal & advertising injury, products & completed operations, and contractual liability. Coverage must be written on an occurrence basis, with limits of liability no less than:

1. Each Occurrence Limit - \$1,000,000
2. Fire Damage Limit (Damage to rented premises) - \$100,000
3. Personal & Advertising Injury Limit - \$1,000,000
4. General Aggregate Limit - \$2,000,000
5. Products & Completed Operations Aggregate Limit - \$2,000,000

Products & Completed Operations Coverage shall be maintained for two (2) years after the final payment under this contract.

The City of Cooper City must be shown as an additional insured with respect to this coverage.

7.6.2 Worker's Compensation and Employers Liability Insurance covering all employees, and/or volunteers of the CONTRACTOR engaged in the performance of the scope of work associated with this Agreement. In the case any work is sublet, the CONTRACTOR shall require the subcontractors similarly to provide Workers Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the CONTRACTOR. Coverage for the CONTRACTOR and his subcontractors shall be in accordance with applicable state and/or federal laws that may apply to Workers' Compensation Insurance with limits of liability no less than:

1. Workers' Compensation: Coverage A – Statutory
2. Employers Liability: Coverage B \$500,000 Each Accident
\$500,000 Disease – Policy Limit
\$500,000 Disease – Each Employee

If CONTRACTOR claims to be exempt from this requirement, CONTRACTOR shall provide CITY proof of such exemption along with a written request for CITY to exempt CONTRACTOR, written on CONTRACTOR letterhead.

7.6.3 Comprehensive Auto Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the performance of work under this Agreement, with a combined single limit of liability for bodily injury and property damage no less than:

1. Any Auto (Symbol 1)
Combined Single Limit (Each Accident) - \$1,000,000
2. Hired Autos (Symbol 8)
Combined Single Limit (Each Accident) - \$1,000,000
3. Non-Owned Autos (Symbol 9)
Combined Single Limit (Each Accident) - \$1,000,000

7.6.4 Professional Liability/Errors & Omissions Insurance, when applicable, with a limit of liability no less than \$1,000,000 per wrongful act. This coverage shall be maintained for a period of no less than two (2) years after final payment of the contract.

7.6.5 Sexual Abuse may not be excluded from any policy.

7.7 REQUIRED ENDORSEMENTS

- 7.7.1 The City of Cooper City shall be named as an Additional Insured on each of the General Liability policies required herein
- 7.7.1 Waiver of all Rights of Subrogation against the CITY
- 7.7.3 30 Day Notice of Cancellation or Non-Renewal to the CITY
- 7.7.4 Contractors' policies shall be Primary & Non-Contributory
- 7.7.5 All policies shall contain a "severability of interest" or "cross liability" liability clause without obligation for premium payment of the CITY
- 7.7.6 The City of Cooper City shall be named as a Loss Payee on all Property and/or Inland Marine Policies as their interest may appear.

7.8 CONTRACTOR shall name the CITY, as an additional insured on each of the General Liability policies required herein and shall hold the CITY, its agents, officers and employees harmless on account of claims for damages to persons, property or premises arising out of the services provided hereunder.

7.9 Any insurance required of the CONTRACTOR pursuant to this Agreement must also be required by any subcontractor in the same limits and with all requirements as provided herein, including naming the CITY as an additional insured, in any work that is subcontracted unless such subcontractor is covered by the protection afforded by the CONTRACTOR and provided proof of such coverage is provided to CITY. The CONTRACTOR and any subcontractors shall maintain such policies during the term of this Agreement.

7.10 The City reserves the right to require any other additional types of insurance coverage and/or higher limits of liability it deems necessary based on the nature of work being performed under this Contract.

ARTICLE 8 **INDEPENDENT CONTRACTOR**

8.1 This Agreement does not create an employee/employer relationship between the parties. It is the intent of the parties that the CONTRACTOR is an independent Contractor under this Agreement and not the CITY's employee for all purposes, including but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, the State Workers' Compensation Act, and the State unemployment insurance law. The CONTRACTOR shall retain sole and absolute discretion in the judgment of the manner and means of carrying out CONTRACTOR's activities and responsibilities hereunder provided, further that administrative procedures applicable to services rendered under this Agreement shall be those of CONTRACTOR, which policies of CONTRACTOR shall not conflict with CITY, State, H.U.D., or United States policies, rules or regulations relating to the use of CONTRACTOR's Funds provided for herein. The CONTRACTOR agrees that it is a separate and independent enterprise from the CITY, that it has full opportunity to find other business, that it has made its own investment in its business, and that it will utilize a high level of skill necessary to perform the work. This Agreement shall not be construed as creating any joint employment relationship between the CONTRACTOR

and the CITY and the CITY will not be liable for any obligation incurred by CONTRACTOR, including but not limited to unpaid minimum wages and/or overtime premiums.

ARTICLE 9
VENUE

9.1 This Agreement shall be governed by the laws of the State of Florida as now and hereafter in force. The venue for actions arising out of this agreement shall be in Broward County, Florida.

ARTICLE 10
PUBLIC RECORDS

10.1 The City of Cooper City is public agency subject to Chapter 119, Florida Statutes. The CONTRACTOR shall comply with Florida's Public Records Law. Specifically, the CONTRACTOR shall:

10.1.1 Keep and maintain public records required by the CITY to perform the service;

10.1.2 Upon request from the CITY's custodian of public records, provide the CITY with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in chapter 119, Fla. Stat., or as otherwise provided by law;

10.1.3 Ensure that public records that are exempt or that are confidential and exempt from public record disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and, following completion of the contract, CONTRACTOR shall destroy all copies of such confidential and exempt records remaining in its possession after the CONTRACTOR transfers the records in its possession to the CITY; and

10.1.4 Upon completion of the contract, CONTRACTOR shall transfer to the CITY, at no cost to the CITY, all public records in CONTRACTOR's possession. All records stored electronically by the CONTRACTOR must be provided to the CITY, upon request from the CITY's custodian of public records, in a format that is compatible with the information technology systems of the CITY.

10.2 The failure of CONTRACTOR to comply with the provisions set forth in this Article shall constitute a Default and Breach of this Agreement, for which, the City may terminate the Agreement.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT

CITY CLERK
9090 S.W. 50th PLACE

COOPER CITY, FL 33328
(954) 434-4300
ksims@coopercityfl.org

ARTICLE 11
FEMA REQUIREMENTS

Any reference made to CONTRACTOR in this section shall also apply to any Subcontractor under the terms of this Contract. CONTRACTOR shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses:

11.1 CONTRACTOR shall assist CITY in completing any and all forms necessary for reimbursements from state or federal agencies, including but not limited to FEMA, relating to costs arising out of the services provided pursuant to this Agreement. This may include, but is not limited to, the timely completion and submittal of reimbursement requests, preparation and submittal of any and all necessary cost substantiation and preparing replies to any and all agency denial or inquiries.

11.2 If reimbursement is denied to CITY due to CONTRACTOR's negligence, including failure to comply with this Article, CONTRACTOR upon notification from FEMA or the Florida Division of Emergency Management of such denial and upon written demand by the CITY, shall reimburse CITY for amounts denied due to CONTRACTOR's negligence. This obligation shall survive the term or termination of this Agreement.

11.3 Notwithstanding anything to the contrary set forth herein, CONTRACTOR shall comply with the following federally required standard provisions, as set forth in 2 C.F.R. Sec.200.326 and 2 C.F.R. Part 200. In the event of any conflicts, the provisions of this section shall prevail.

11.3.1 Equal Employment Opportunity: During the performance of this contract, CONTRACTOR agrees as follows:

- (1) CONTRACTOR will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. CONTRACTOR will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.
- (2) CONTRACTOR will, in all solicitations or advertisements for employees placed by or on behalf of CONTRACTOR, state that all qualified applicants will receive

consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

- (3) CONTRACTOR will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with CONTRACTOR's legal duty to furnish information.
- (4) CONTRACTOR will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of CONTRACTOR's commitments under section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (5) CONTRACTOR will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (6) CONTRACTOR will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (7) In the event of CONTRACTOR's non-compliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and CONTRACTOR may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (8) CONTRACTOR will include the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of

the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. CONTRACTOR will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: *Provided*, however, that in the event CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, CONTRACTOR may request the United States to enter into such litigation to protect the interests of the United States.

11.3.2 Davis-Bacon Act: Contractor shall comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor Regulations (29 CFR Part 5). In accordance with the statute, Contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, Contractors must be required to pay wages not less than once a week.

11.3.3 Copeland "Anti-Kickback" Act: CONTRACTOR shall comply with the Copeland "Anti-Kickback" Act, (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). CONTRACTOR must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. CITY must report all suspected or reported violations to the Federal awarding agency.

11.3.4 Contract Work Hours and Safety Standards Act. (40 U.S.C. 3701- 3708). Where applicable, pursuant to 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5) CONTRACTOR must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous.

- (1) Overtime requirements. No Contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1) of this section the Contractor and any

subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.

- (3) Withholding for unpaid wages and liquidated damages. CITY shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or subcontractor under any such contract or any other Federal contract with the same prime Contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.
- (4) Subcontracts. The Contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.”

11.3.5 Clean Air Act: Pursuant to 42 U.S.C. 7401- 7671q. and the Federal Water Pollution Control Act (33 U.S.C. 1251- 1387), as amended CONTRACTOR agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401- 7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251- 1387). CITY will report violations to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).
Clean Air Act.

- (1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
- (2) The Contractor agrees to report each violation to CITY and understands and agrees that the CITY will, in turn, report each violation as required to assure notification to the State, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- (3) The Contractor agrees to include these requirements in each subcontract

exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

Federal Water Pollution Control Act

- (1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- (2) The Contractor agrees to report each violation to the CITY and understands and agrees that the CITY will, in turn, report each violation as required to assure notification to the State, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- (3) The Contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.”

11.3.6. Suspension and Debarment. This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the Contractor is required to verify that none of the Contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

- (1) The Contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into. This certification is a material representation of fact relied upon by CITY. If it is later determined that the Contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to State and CITY, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- (2) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.”

11.3.7. Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended). Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-

Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.”

11.3.8 Compliance with State Energy Policy and Conservation Act. Contractor shall comply with all mandatory standards and policies relating to energy efficiency contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub.L. 94-163, 89 Stat. 871).

11.3.9 Recovered Materials.

(1) In the performance of this Contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired

- (i) Competitively within a timeframe providing for compliance with the contract performance schedule
- (ii) Meeting Contract performance requirements; or
- (iii) At a reasonable price.

(2) Information about this requirement, along with the list of EPA-designated items, is available at EPA’s Comprehensive Procurement Guidelines web site, <http://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.

11.3.10 Pursuant to 44 CFR 13.36(i)(7), Contractor shall comply with FEMA requirements and regulations pertaining to reporting, including but not limited to those set forth at 44 CFR 40 and 41

11.3.11 Pursuant to 44 CFR 13.36(i)(8), Contractor agrees that if this Agreement results in any copyrightable materials or inventions, in accordance with 44 CFR 13.34, FEMA reserves a royalty-free, nonexclusive and irrevocable license to reproduce, publish or otherwise use the copyright of said materials or inventions for Federal Government purposes

11.3.12 Access to Records. In accordance with 44 CFR 13.36(i)(11) and Chapters 119 and 257, Florida Statutes,

(1) The Contractor agrees to provide the City, State, FEMA, the Comptroller General of the United States or any of their authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to the contract for the purposes of making audits, examinations, excerpts and transcriptions.

(2) The Contractor agrees to maintain all books, records, accounts and reports required under the contract for a period of not less than five (5) years after the date of termination or expiration of the contract, except in the event of litigation or settlement of claims arising from the performance of the contract, in which

case Contractor agrees to maintain same until the City, the State, FEMA, the Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto.

11.3.13 No Obligation by the Federal Government

- (1) Absent the express written consent by the Federal Government, the Federal Government or FEMA is not a party to the contract and shall not be subject to any obligations or liabilities to the City, Contractor, or any other party (whether or not a party to that contract) pertaining to any matter resulting from the underlying contract.
- (2) The Contractor agrees to include the above clause in each subcontract financed in whole or in part with Federal assistance provided by FEMA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.

11.3.14 DHS Seal, Logo, and Flags. The Contractor shall not use DHS(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

11.3.15 Compliance with Federal Law, Regulations, and Executive Orders. This is an acknowledgement that FEMA financial assistance will be used to fund the Contract only. The Contractor will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

11.3.16 Fraudulent Statements. The Contractor acknowledges that 31 U.S.C. Chap. 38 applies to the Contractor's actions pertaining to this Contract.

ARTICLE 12 **MISCELLANEOUS**

12.1 **Ownership of Documents.** Reports, surveys, plans, studies and other data provided in connection with this Agreement are and shall remain the property of CITY whether or not the project for which they are made is completed. City hereby agrees to use CONTRACTOR's work product for its intended purposes.

12.2 **Records.** CONTRACTOR shall keep such records and accounts and require any and all subcontractors to keep records and accounts as may be necessary in order to record complete and correct entries as to personnel hours charged to this engagement, and any expenses for which CONTRACTOR expects to be reimbursed. Such books and records will be available at all reasonable times for examination and audit by CITY and shall be kept for a period of ten (10) years after the completion of all work to be performed pursuant to this Agreement. Incomplete or incorrect entries in such books and records will be grounds for disallowance by CITY of any fees or expenses based upon such entries. All records shall be maintained and available for disclosure, as appropriate, in accordance with Chapter 119, F.S.

12.3 **Assignments; Amendments.** This Agreement, and any interests herein, shall not be assigned, transferred or otherwise encumbered, under any circumstances, by CONTRACTOR without the prior written consent of CITY. For purposes of this Agreement, any change of ownership of CONTRACTOR shall constitute an assignment which requires CITY approval. However, this Agreement shall run to the benefit of CITY and its successors and assigns.

It is further agreed that no modification, amendment, or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and of equal dignity herewith.

12.4 **No Contingent Fees.** CONTRACTOR warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for CONTRACTOR to solicit or secure this Agreement, and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for CONTRACTOR any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement. For the breach or violation of this provision, CITY shall have the right to terminate the Agreement without liability at its discretion, to deduct from the contract price, or otherwise recover the full amount of such fee, commission, percentage, gift or consideration.

12.5 **Notice.** Whenever any party desires to give notice unto any other party, it must be given by written notice, sent by certified United States mail, with return receipt requested, addressed to the party for whom it is intended and the remaining party, at the places last specified, and the places for giving of notice shall remain such until they shall have been changed by written notice in compliance with the provisions of this section. For the present, CONTRACTOR and CITY designate the following as the respective places for giving of notice:

CITY	City Manager City of Cooper City 9090 S.W. 50 th Place Cooper City, Florida 33328 Telephone No. (954) 434-4300
Copy To:	Jacob G. Horowitz, City Attorney Goren, Cherof, Doody & Ezrol, P.A. 3099 East Commercial Boulevard, Suite 200 Fort Lauderdale, Florida 33308 Telephone No. (954) 771-4500 Facsimile No. (954) 771-4923
Contractor	Chase Rodgers, Project Director Hinterland Group, Inc. 2051 W. Blue Heron Blvd. Riviera Beach, FL 33404 E-mail: infor@hinterlandgroup.com Telephone No: 561-640-3503

12.6 **Binding Authority.** Each person signing this Agreement on behalf of either party individually warrants that he or she has full legal power to execute this Agreement on behalf of the party for whom he or she is signing, and to bind and obligate such party with respect to all provisions contained in this Agreement.

12.7 **Headings.** Headings herein are for convenience of reference only and shall not be considered on any interpretation of this Agreement.

12.8 **Exhibits.** Each Exhibit referred to in this Agreement forms an essential part of this Agreement. The exhibits if not physically attached should be treated as part of this Agreement and are incorporated herein by reference.

12.9 **Severability.** If any provision of this Agreement or application thereof to any person or situation shall to any extent, be held invalid or unenforceable, the remainder of this Agreement, and the application of such provisions to persons or situations other than those as to which it shall have been held invalid or unenforceable shall not be affected thereby, and shall continue in full force and effect, and be enforced to the fullest extent permitted by law.

12.10 **Extent of Agreement.** This Agreement represents the entire and integrated agreement between the CITY and the CONTRACTOR and supersedes all prior negotiations, representations or agreements, either written or oral.

12.11 **Legal Representation.** It is acknowledged that each party was represented by counsel in the preparation of and contributed equally to the terms and conditions of this Agreement and, accordingly, the rule that a contract shall be interpreted strictly against the party preparing same shall not apply herein due to the joint contributions of both parties.

12.12 **Counterparts and Execution.** This Agreement may be executed in multiple originals or counterparts, each of which shall be deemed to be an original and together shall constitute one and the same agreement. Execution and delivery of this Agreement by the Parties shall be legally binding, valid and effective upon delivery of the executed documents to the other party through facsimile transmission, email, or other electronic delivery.


END OF SECTION

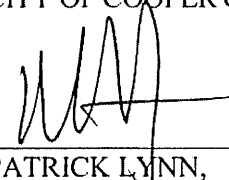
IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first written above.

CITY:

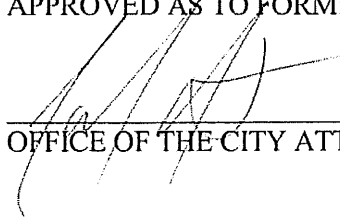
CITY OF COOPER CITY, FLORIDA

ATTEST:


KATHRYN SIMS
CITY CLERK



PATRICK LYNN,
INTERIM, CITY MANAGER

APPROVED AS TO FORM:


OFFICE OF THE CITY ATTORNEY

CONTRACTOR:

HINTERLAND GROUP, INC.

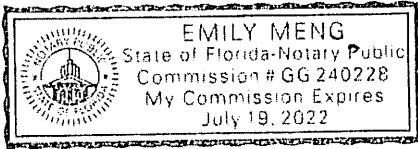
By: 
Name: Chase R Rogers
Title: Project Director

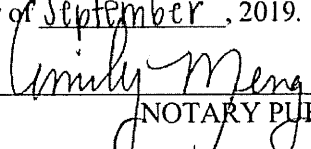


STATE OF Florida)
COUNTY OF Palm Beach)

BEFORE ME, an officer duly authorized by law to administer oaths and take acknowledgments, personally appeared Chase R Rogers as Project Director of **Hinterland Group, Inc.**, a company authorized to conduct business in the State of Florida, and acknowledged execution of the foregoing Agreement as the proper official of **Hinterland Group, Inc.** for the use and purposes mentioned in it and affixed the official seal of the corporation, and that the instrument is the act and deed of that corporation.

IN WITNESS OF THE FOREGOING, I have set my hand and official seal at in the State and County aforesaid on this 27 day of September, 2019.




NOTARY PUBLIC
Emily Meng
(Name of Notary Typed, Printed or Stamped)



CITY OF COOPER CITY, FLORIDA

Invitation to Bid

SANITARY SEWER REHABILITATION

ITB 2019-5-UTL

For information contact the Purchasing Division:

Claudia Portocarrero - Purchasing Assistant

Tel: 954-434-4300 ext. #297

Purchasing@CooperCityFL.org

Release Date: Wednesday, February 20, 2019

Due Date: Tuesday, March 19, 2019

**CITY OF COOPER CITY
NOTICE TO BIDDERS**

NOTICE IS HEREBY GIVEN that the City of Cooper City, Florida, will be accepting sealed bids until 3:00PM (EST) on Tuesday, March 19, 2019 from qualified contractors that are capable of rehabilitating and repairing the City's sanitary sewer stations.

**SANITARY SEWER REHABILITATION
ITB 2019-5-UTL**

The detailed Invitation to Bid (ITB) shall be obtained online at www.DemandStar.com.

Bids must be received in the City Clerk's Office no later than 3:00PM (EST), Tuesday, March 19, 2019. The outside of the envelope or box containing one (1) identified, unbound original, two (2) copies and one (1) electronic copy (CD or flash drive) of your bid must be clearly marked "**ITB 2019-5-UTL, SANITARY SEWER REHABILITATION**".

Questions and requests for information relative to this ITB should be directed to the Purchasing Division. Please email questions to Purchasing@CooperCityFL.org.

The City Commission of the City of Cooper City reserves the right, for any reason, to reject any and all bids/bids and to make awards in the best interest of the City.

A Cone of Silence is hereby imposed prohibiting communication regarding this Invitation to Bid between a potential vendor, service provider, bidder, lobbyist, or; consultant and the City Commissioners, City's professional staff including, but not limited to, the City Manager and his staff, any member of the City's selection or evaluation committee. For further information about the Cone of Silence, please contact the City's Attorney.

CITY OF COOPER CITY
Kathryn Sims, City Clerk

Please publish one (1) time on:

Wednesday, February 20, 2019

Please send invoice and proof of publication to:

Jenna Montoya, Assistant City Clerk
City of Cooper City
PO Box 290910
Cooper City, FL 33329-0910
JMontoya@CooperCityFL.org

SECTION I – INTRODUCTION AND INFORMATION

1.1 PURPOSE

The City of Cooper City (the “City”) will receive sealed bids on the date and time specified below for furnishing all labor, materials, and equipment to rehabilitate or repair, as needed throughout the term of the contract, sanitary sewer mains, laterals, and manholes. The work includes cured-in-place pipe lining, sectional liners, cured-in-place lateral lining, along with excavated sewer repairs, cleanout installation, manhole rehabilitations, and associated work such as cleaning, TV, lateral reinstatement, bypass pumping, and traffic control. **All materials, labor, supervision, equipment, supplies, expertise, and services will be provided by the awarded bidder.**

1.2 DUE DATE & SUBMITTALS

1.2.1 All bids are due no later than 3:00PM (EST), Tuesday, March 19, 2019, to the Office of the City Clerk located at 9090 SW 50th Place, Cooper City, FL 33328. Bids shall be opened and publicly read in the Commission Chambers, on the date and at the time specified. All bids received after that time will not be accepted and shall be returned to the Bidder.

1.2.2 Original copy of Bid Form as well as any other pertinent documents must be returned in order for the bid to be considered for award. All bids are subject to the conditions specified herein and on the attached General Conditions, Technical Specifications and Bid Form.

1.2.3 The completed, signed bid must be submitted in a SEALED ENVELOPE clearly marked with the Bid Title. Bids mistakenly opened by City staff, due to failure of the Bidder to correctly identify the package, will be rejected. Telegraphic, facsimile and email bids will not be accepted.

1.2.4 Bids received after the closing time and date, for any reason whatsoever, will not be considered. Any disputes regarding timely receipt of proposals shall be decided in the favor of the City.

1.2.5 The City encourages early submittal of bids. Late bids will be rejected.

1.3 PRE-BID MEETING - NONE

1.4 ELIGIBILITY AND COMPETENCY OF BIDDERS

To be eligible for award of a contract in response to this solicitation, the Bidder must demonstrate that they, or the principals assigned to the project, have successfully completed services, as specified in the Scope of Services/Technical Specifications section of this solicitation, are normally and routinely engaged in performing such services and are properly and legally licensed to perform such work.

1.5 CONTRACT TERM

1.5.1 The contract shall be for an initial period of three (3) years commencing on the date of issuance of a Notice to Proceed. The contract may be extended for two (2) years under the same terms and conditions, if mutually agreed upon by both parties.

1.5.2 Prior to extending any contract, and in exercising its discretion in its extension rights, the City shall review the Contractor’s past performance, record of complaints, and compliance with the contract terms.

1.5.3 The form and legal sufficiency of the Contract shall be subject to the approval of the City Attorney.

1.6 SUPPLY/DELIVERY LOCATION

All work will be performed within the Cooper City sewer service area.

1.7 PRICE

It is requested that bidders quote fixed prices that will be guaranteed to the City for a period of 90 days, commencing on the date of the Bid submission. Bidder acknowledges that, in certain circumstances, the City may require this amount of time to evaluate and award a bid.

1.8 PRICE ADJUSTMENTS

Bidder's prices shall remain fixed and firm for a period of no less than thirty-six (36) months from the time of contract commencement. After the initial contract term, bidder shall have the option to request price adjustments. Any request for price adjustments must be issued at least sixty (60) days prior to the contract anniversary date. The City will consider a price adjustment based on the most current Consumer Price Index for All Urban Consumers (CPI-U), Miami-Fort Lauderdale report as published by the U.S. Department of Labor, Bureau of Labor Statistics. It is the bidder's responsibility to request any pricing adjustment under this provision. If no price increase has been requested, the City will assume that the bidder has agreed to continue under the same price allowed in the current term. Any adjustment request received after the commencement of a new annual period may not be considered.

1.9 METHOD OF AWARD

1.9.1 The contract will be awarded to the *lowest* responsive, responsible Bidder whose Bid, conforming to the Solicitation, is most advantageous to the City. The *lowest* responsive, responsible Bidder(s) will be determined in conjunction with the methods described below. Tie Bids will be decided as described in the General Conditions.

1.9.2 Bidder must bid on all items listed on Bid Form to qualify for award of the contract.

1.9.3 The City reserves the right to reject all bids or any portion of any bid the City deems necessary for the best interest of the City, to accept any item or group of items unless qualified by the Bidder, to acquire additional quantities at prices quoted on the Bid Form unless additional quantities are not acceptable, in which case the Bid Form must be noted "BID IS FOR SPECIFIED QUANTITY ONLY." All awards made as a result of this bid shall conform to applicable Florida Statutes and the City Code.

1.9.4 Bid prices should be submitted with the understanding that the City is not authorized to pay service charges, which may be imposed due to the late payment of an invoice, which has become delinquent.

1.9.5 The City shall award a contract to a Bidder through action taken by the City Commission of the City of Cooper City (the "City Commission") at a duly authorized meeting.

1.9.6 The General Terms and Conditions, the Special Conditions, the Technical Specifications, the Bidder's Proposal, the Contract referenced and the Work Authorizations are collectively an integral part of the contract between the City and the successful Bidder.

1.9.7 While the City Commission may determine to award a contract to a Bidder(s) under this Solicitation, said award may be conditional on the subsequent submission of other documents as specified in the Bid Form of this solicitation. The Bidder shall be in default of the contractual obligations if any of these documents are not submitted in a timely manner and in the form(s) required by the City. If the Bidder is in default, the City, through the Purchasing Agent, will void its acceptance of the Bidder's offer and may determine to accept the offer from the second lowest responsive, responsible Bidder or re-solicit Bids. The City may, at its sole option, seek monetary restitution from the Bidder as a result of damages or excess costs sustained and/or may prohibit the Bidder from submitting future Bids for a period of one year.

1.9.8 The City reserves the right to automatically extend the contract for a maximum period not to exceed one hundred and eighty (180) calendar days, in order to provide City departments with continual service and supplies while a new contract is being solicited, evaluated and/or awarded. If this right is exercised, the City shall notify the Bidder, in writing, of its intent to extend the contract for a definitive period of time prior to the effective date of the extension. By affixing its authorized signature to this Bid Form, the Bidder hereby acknowledges and agrees to this right of the City.

1.10 INVOICES/PAYMENT

Invoices documenting completed work shall be submitted at the completion of each request for work and must contain detailed information including the location and amount of work performed. Contractor shall submit an exact listing of completed work with submission of invoice for payment.

In accordance with Florida Statute 255.078, for contracts for construction services, Cooper City will withhold 10% retainage on each progress payment until all work is 50% complete. Once 50% complete, the rate of retainage shall be reduced to 5%. Retainage is calculated on the total contract cost which includes any change orders pre-approved by the City.

Every effort will be made by the City to remit payment within 30 days of the invoice date, after satisfactory inspection by the using department. BIDDERS WILL NOT BE PERMITTED TO PICK UP CHECKS FROM THE CITY. ALL CHECKS WILL BE MAILED TO THE VENDOR'S REMIT TO ADDRESS ON FILE.

Invoices shall be emailed MONTHLY to Accounting@CooperCityFL.org, or sent via US Mail to City of Cooper City, P.O. Box 290910, Cooper City, FL 33329-0910. All invoices must reference the applicable Work Authorization and/or Bid number.

1.11 INFORMATION OR CLARIFICATION

For information concerning procedures for responding to this solicitation, contact the Purchasing Division via telephone at (954) 434-4300 x #297 or email Purchasing@CooperCityFL.org. Such contact shall be for clarification purposes only. Material changes, if any, to the Scope of Services or bidding procedures will only be transmitted by written addendum.

All questions must be submitted in writing. Questions of a material nature must be received prior to the cut-off date specified in the Bid Schedule. No part of your bid can be submitted via fax or e-mail.

[END OF SECTION]

SECTION II – SOLICITATION SCHEDULE

Item	Date
Release Bid	Wednesday, February 20, 2019
Last Date for Receipt of Questions of a Material Nature	Tuesday, March 12, 2019
BIDS DUE (Prior to 3:00PM EST)	Tuesday, March 19, 2019
Recommendation of Award issued to City Commission	Tuesday, April 9, 2019
Anticipated Award of Contract by City Commission	Tuesday, April 23, 2019

[END OF SECTION]

SECTION III - GENERAL CONDITIONS

These instructions are standard for all contracts for commodities or services issued through the City of Cooper City Finance Department - Purchasing Division. The City may delete, supersede, or modify any of these standard instructions for a particular contract by indicating such change in the Special Conditions, Technical Specifications, Instructions, Bid Pages, Addenda, and Legal Advertisement.

3.0 SPECIAL CONDITIONS

Any and all Special Conditions that may vary from these General Conditions shall have precedence.

3.1 BID TABULATIONS

Bidders desiring a copy of the bid tabulation may obtain one online at www.DemandStar.com.

3.2 NO BID

If not submitting a bid, please respond by returning a statement indicating your reason. Repeated failure to respond without sufficient justification shall be cause for removal of a supplier's name from the bid mailing list. NOTE: In order to qualify as a respondent, a Bidder shall submit a "no bid" and same shall be received no later than the stated bid opening date and hour.

3.3 BILLING INSTRUCTIONS

Invoices, unless otherwise indicated, shall show any applicable purchase order number, Work Authorization, and respective Bid number and shall be submitted to the Accounts Payable division of Finance located at P.O. Box 290910, Cooper City, FL 33329-0910, with the requesting Department labeled on the mailing envelope. Invoices may be emailed to Accounting@CooperCityFL.org.

3.4 TAXES

The City is exempt from Federal Excise and State taxes. The applicable tax exemption number shall be printed on the Work Authorization, Purchase Order, or other authorizing City Document.

3.5 EQUIVALENTS

If Bidder offers makes of equipment or brands of supplies other than those specified in the Invitation to Bid, he shall so indicate on his bid. Specific article(s) of equipment/supplies shall conform in quality, design and construction with all published claims of the manufacturer.

Brand Names: Catalog numbers, manufacturers' and brand names, when listed, are informational guides as to a standard of acceptable product quality level only and should not be construed as an endorsement or a product limitation of recognized and legitimate manufacturers. Bidders shall formally substantiate and verify that product(s) offered conform with or exceed the minimum quality standards listed in the specifications.

Bidder shall indicate on the Bid Form the manufacturer's name and number if bidding other than the specified brands, and shall indicate ANY deviation from the specifications as listed. OTHER THAN SPECIFIED ITEMS OFFERED REQUIRES COMPLETE DESCRIPTIVE TECHNICAL LITERATURE MARKED TO INDICATE DETAIL(S) CONFORMANCE WITH SPECIFICATIONS AND SHALL BE INCLUDED WITH THE BID. NO BIDS WILL BE CONSIDERED WITHOUT THIS DATA.

Lacking any written indication of intent to quote an alternate brand or model number, the bid shall be considered as a bid in complete compliance with the specifications as listed on the attached form.

3.6 MISTAKES

Bidders are expected to examine the specifications, delivery schedules, bid prices and extensions and all instructions pertaining to supplies and services. Failure to do so shall be at the Bidder's risk. In the case of a discrepancy in computing the total amount of the bid, the UNIT PRICE quoted shall govern.

3.7 CONDITIONS AND PACKAGING

It is understood and agreed that any item offered or shipped as a result of this bid shall be latest and most current production model at the time of this bid. All containers shall be suitable for storage or shipment, and all prices shall include standard commercial packaging.

3.8 QUALITY

All materials used for the manufacture or construction of any supplies, materials or equipment covered by this bid shall be new. The items bid shall be new, the latest model, of the best quality, and highest grade workmanship.

3.9 CANCELLATION

In the event that any of the provisions of this bid are violated by the contractor, the Purchasing Agent shall give written notice to the contractor stating the deficiencies and unless deficiencies are corrected within ten (10) days, recommendation will be made to the City Commission for immediate cancellation. The City Commission reserves the right to terminate any contract resulting from this invitation at any time and for any reason, upon giving thirty (30) days prior written notice to the other party and may provide for additional rights and remedies pursuant to Section 3.38/3.39. The City Commission may delegate this authority to the City Manager.

3.10 PROTESTS, APPEALS AND DISPUTES

Protests shall be submitted in writing to the Purchasing Agent no later than five (5) working days prior to scheduled award by the City. Should the matter not be resolved to the satisfaction of the Bidder, the appeal shall be heard by the City Commission. The Purchasing Agent shall act as the City's representative, in the issuance and administration of all contracts, and shall issue and receive all documents, notices, and all correspondence relating to the bidding process. All costs accruing from a Bid or award challenge shall be assumed by the challenger. The decision of the City Commission shall be final and conclusive. The City Commission's decision shall be binding on all parties concerned, subject to review only on the grounds that it constitutes arbitrary action, in a court of competent jurisdiction in Broward County in accordance with laws of the State of Florida.

3.11 PRICES SHALL BE FIXED AND FIRM FOR TERM OF CONTRACT

If the Bidder is awarded a contract under this bid solicitation, the prices quoted by the Bidder on the Bid Form shall remain fixed and firm during the term of the contract; provided however, that the Bidder may offer incentive discounts from the fixed price to the City at any time during the contractual term. Price adjustments may be allowed on multi-year term contracts (See Section 1.7 for details).

3.12 COMPLETE PROJECT REQUIRED

Contractor shall complete the work outlined in the Scope of Work as well as any future Work Authorizations. Completed work shall meet all specifications identified therein. Failure to list any item or classes under the Scope of Work shall not relieve the contractor from furnishing, installing or performing such work where required by any part of these specifications, or necessary for the satisfactory completion of the project

3.13 PRICES QUOTED

Bidder shall deduct trade discounts and quote firm net prices. Give both unit price and extended total, when requested. Prices shall be stated in units of quantity specified in the bidding specifications. In case of discrepancy in computing the amount of the bid, the UNIT PRICE quoted will govern. All prices shall be F.O.B. / C.I.F. destination, freight prepaid (unless otherwise stated in special conditions). Award, if made, shall be in accordance with terms and conditions stated herein. Each item shall be bid separately and no attempt is to be made to tie any item or items in with any other item or items. Cash or quantity discounts offered shall not be a consideration in determination of award of bid(s).

3.14 UNDERWRITERS' LABORATORIES (the "UL")

Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall be UL listed or re-examination listing where such has been established by UL for the item(s) offered and furnished.

3.15 NON-CONFORMANCE TO CONTRACT CONDITIONS

Items may be tested for compliance with specifications. Items delivered, not conforming to specifications, may be rejected and returned at vendor's expense. These items and items not delivered as per delivery date in bid and/or Purchase order or Work Authorization may be purchased on the open market with any increase in cost charged to the Bidder. Any violation of these stipulations may also result in:

- a. Vendor's name being removed from the vendor list;
- b. All City Departments being advised not to do business with vendor.

3.16 DISPUTES

In case of any doubt or difference of opinion as to the items to be furnished hereunder, the decision of the City shall be final and binding on both parties.

3.17 LEGAL REQUIREMENTS

Federal, state, county and city laws, ordinances, rules and regulations that in any manner affect the items covered herein apply. Lack of knowledge by the Bidder shall in no way be a cause for relief from responsibility.

3.18 PATENTS AND ROYALTIES

The Bidder, without exception, shall indemnify and hold harmless the City of Cooper City, Florida and its employees from liability of any nature or kind, including cost and expenses for, or on account of, any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the City of Cooper City, Florida. If the Bidder uses any design, device or materials covered by letters, patent, or copyright, it is mutually understood and agreed, without exception, that the bid prices shall include all royalties or costs arising from the use of such design, device, or materials in any way involved in the work.

3.19 OSHA

The Bidder warrants that the product supplied to the City shall conform in all respects to the standards set forth in the Occupational Safety and Health Act of 1970, as amended, and the failure to comply with this condition shall be considered as a breach of contract. Any fines levied because of inadequacies to comply with these requirements shall be borne solely by the Bidder responsible for same.

3.20 ANTI-DISCRIMINATION

The Bidder certifies that he/she is in compliance with the non-discrimination clause contained in Florida State Statute Section 202, Executive Order 11246, as amended by Executive Order 11375 and applicable laws relative to equal employment opportunity for all persons without regard to race, color, religion, sex or national origin.

3.21 DEFAULT

In the event of default on a contract, the Contractor shall pay all attorneys' fees and court costs incurred by City in collecting any liquidated damages. The City further reserves the right to retain any bonds issued with the Bid.

3.22 SUBSTITUTIONS

The City SHALL NOT accept substitute shipments of any kind. Bidder(s) is expected to furnish the brand quoted in their bid once awarded. Any substitute shipments shall be returned at the Bidder's expense.

3.23 BIDDER'S FACILITIES

The City reserves the right to conduct site visits to Contractor's business location(s) at any time with prior notice and/or may request that Contractor participate in live presentations. The selection of a Contractor may be based wholly or in part upon the results of site visits or live presentations.

3.24 DISCLAIMER

The City may, in its sole and absolute discretion, accept or reject, in whole or in part, for any reason whatsoever any or all Bids; re-advertise this Bid; postpone or cancel at any time this Bid process; or, waive any formalities of or irregularities in the bidding process. Bids that are not submitted on time and/or do not conform to the City's requirements shall not be considered. After all bids are analyzed, organizations submitting bids that appear, solely in the opinion of the City, to be the most competitive, shall be submitted to the City Commission, and the final selection will be made shortly thereafter with a timetable set solely by the City. The selection by the City shall be based on the bid, which is, in the sole opinion of the City Commission, in the best interest of the City. The issuance of this bid constitutes only an invitation to make presentations to the City. The City reserves the right to determine, at its sole discretion, whether any aspect of the bid satisfies the criteria established in this Bid. In all cases the City shall have no liability to any contractor for any costs or expense, incurred in connection with this bid or otherwise.

3.25 EVIDENCE

The submission of a Bid shall be prima facie evidence that the Contractor is familiar with and agrees to comply with the contents of this Bid.

3.26 DEMONSTRATION OF COMPETENCY

3.26.1 Pre-award inspection of the Bidder's facility may be made prior to the award of contract. Bids shall only be considered from firms, which are regularly engaged in the business of providing the goods and/or services as described in this Bid. Bidders shall be able to demonstrate a good record of performance for a reasonable period of time, and have sufficient financial support, equipment and organization to insure that they can satisfactorily execute the services if awarded a contract under the terms and conditions herein stated. The terms "equipment and organization" as used herein shall be construed to mean a fully equipped and well-established company in line with the best business practices in the industry and as determined by the City.

3.26.2 The City shall consider any available evidence regarding the financial and technical qualifications and abilities of a Bidder as well as past performance (experience) with the City and any and all other evidence the City deems pertinent in making the award in the best interest of the City.

3.26.3 The City may require Bidders to show proof that they have been designated as authorized representatives of a manufacturer or supplier, which is the actual source of supply. In these instances, the City may also require material information from the source of supply regarding the quality, packaging, and characteristics of the products to be supplied to the City through the designated representative. Any conflicts between this material information provided by the source of supply and the information contained in the Bidder's Bid may render the Bid non-responsive.

3.26.4 The City may, during the term of the Contract between the City and the Contractor is in force, review the Contractor's record of performance to insure that the Bidder is continuing to provide sufficient financial support, equipment and organization as prescribed in this Solicitation. Irrespective of the Contractor's performance on contracts awarded to it by the City, the City may place said contracts on probationary status and implement termination procedures if the City determines that the Contractor no longer possesses the financial support, equipment and organization which would have been necessary during the term of the Contract in order to comply with this demonstration of competency section.

3.27 ASSIGNMENT

The contractor shall not assign, transfer, convey, sublet or otherwise dispose of the contract, including any or all of its right, title or interest therein, or his or its power to execute such contract to any person, company or corporation without prior written consent of the City.

3.28 INDEMNIFICATION

The successful Bidder shall indemnify and hold harmless the City, its officers, agents, and employees, from and against any and all liabilities, damages, losses and costs, including but not limited to reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the Bidder and persons employed or utilized by the Bidder in the performance of the Contract.

3.29 NON-EXCLUSIVE

The City retains the right to procure services from other providers.

3.30 SUNSHINE LAW

As a political subdivision, the City is subject to the Florida Sunshine Act and Public Records Law. By submitting a Bid, Bidder acknowledges that the materials submitted with the Bid and the results of the City evaluation are open to public inspection upon proper request. Contractor should take special note of this as it relates to proprietary information that might be included in its Bid.

3.31 FORCE MAJEURE

The performance of any act by the City or Contractor hereunder may be delayed or suspended at any time where either party is hindered in or prevented from performance by acts of God, the elements, war, rebellion, strikes, lockouts or any cause beyond the reasonable control of such party. However, the City shall have the right to provide substitute service from third parties or City forces and in such event the City shall withhold payment due Contractor for such period of time. If the condition of force majeure exceeds a period of 14 days the City may, at its option and discretion, cancel or renegotiate the Agreement resulting from the Bid.

3.32 COLLUSION

By offering a submission pursuant to this Invitation to Bid, the Bidder certifies the Bidder has not divulged, discussed, or compared his Bid with other Bidders and has not colluded with any other Bidder or parties to this Bid whatsoever. The Bidder certifies, and in the case of a joint bid, each party thereto certifies, as to his own organization, that in connection with this Bid:

3.32.1 Any prices and/or cost data submitted have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition, as to any matter relating to such prices and/or cost data, with any other Bidder or with any competitor.

3.32.2 Any prices and/or cost data quoted for this Bid have not knowingly been disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to the scheduled opening, directly or indirectly to any other Bidder or to any competitor.

3.32.3 No attempt has been made or will be made by the Bidder to induce any other person or firm to submit or not to submit a Bid for the purpose of restricting competition.

3.32.4 The only person or persons interested in this Bid, principal or principals is/are named therein and that no person other than therein mentioned has any interest in this bid or in the contract to be entered into.

3.32.5 No person or agency has been employed or retained to solicit or secure the award of the bid upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee except for bona fide employees maintained by the Bidder.

3.33 CONE OF SILENCE

- A. Definitions: "Cone of Silence," as used herein, means a prohibition on any communication regarding this Invitation to Bid/Invitation to Bid between:
- i. a potential vendor, service provider, Bidder, lobbyist, or consultant, and;
 - ii. the City Commissioners, City's professional staff including, but not limited to, the City Manager and his staff, any member of the City's selection or evaluation committee.
- B. Restriction; Notice: A Cone of Silence shall be imposed upon each solicitation after its advertisement. At the time of imposition of the Cone of Silence, the City Manager or his designee shall provide for public notice of the Cone of Silence by posting a notice at City Hall. Additional notice thereof shall be provided to the affected departments, and to each City Commissioner. The City may include a statement disclosing the requirements of this section in any public solicitation for goods or services.
- C. Termination of Cone of Silence: The Cone of Silence shall terminate at the beginning of the City Commission meeting (whether regular or special meeting) at which the City Manager makes a written recommendation to the City Commission for the award of the Contract. However, if the City Commission refers back to the City Manager or staff for further information, the Cone of Silence shall be re-imposed until such time as the Manager makes a subsequent written recommendation.

Exceptions to Applicability: The provisions of this section shall not apply to:

- i. Oral communications at pre-solicitation meetings;
 - ii. Oral presentations before selection or evaluation committees;
 - iii. Public presentations made to the City Commissioners during any duly noticed public meeting; Communications in writing at any time with any City employee, unless specifically prohibited by the applicable solicitation documents; in which case the Bidder shall file a copy of any written communication with the City Clerk. The City Clerk shall make copies available to any person upon request;
 - iv. Communications regarding a particular solicitation between potential vendor, service provider, Bidder, lobbyist or consultant and the City's Purchasing Division or City employee designated responsible for administering the procurement process for such solicitation, provided the communication is limited strictly to matters of process or procedure already contained in the corresponding solicitation document.
- D. Penalties: Violation of this section by a particular Bidder shall render any award to said Bidder potentially void by the City Commission or City Manager. Any person who violates a provision of this section may be prohibited from serving on a City

selection or evaluation committee. In addition to any other penalty provided herein, violation of any provision of this section by a City employee may subject said employee to disciplinary action.

E. Clarification: Please contact the City Attorney for any questions concerning "Cone of Silence" compliance.

3.34 ELIGIBILITY

All agents, employees and subcontractors of the Bidder retained to perform services pursuant to this bid shall comply with all laws of the United States concerning work eligibility.

3.35 TIE BIDS/PREFERENCE

Whenever two or more Bids which are equal with respect to price, quality and service are received by the City for the procurement of commodities or contractual services, a Bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie Bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

3.35.1 Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the action that will be taken against employees for violations of such prohibition.

3.35.2 Inform employees about the dangers of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3.35.3 Give each employee engaged in providing the commodities or contractual services that are under Bid a copy of the statement specified in subsection (1).

3.35.4 In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under Bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo-contender to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

3.35.5 Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program, if such program is available in the employee's community, by any employee who is so convicted.

3.35.6 Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

3.36 SPOT MARKET PRICING: N/A

3.37 PROPERTY

Property owned by the City is the responsibility of the City. Such property furnished to a Contractor for repair, modification, study, etc., shall remain the property of the City. Damages to such property occurring while in the possession of the Contractor shall be the responsibility of the Contractor. Damages occurring to such property while in route to the City shall be the responsibility of the Contractor. In the event that such property is destroyed or declared a total loss, the Contractor shall be responsible for replacement value of the property at the current market value, less depreciation of the property if any.

3.38 TERMINATION FOR DEFAULT

If Contractor defaults in its performance under the Contract and does not cure the default within 30 days after written notice of default, the City Manager may terminate the Contract, in whole or in part, upon written notice without penalty to the City. In such event the Contractor shall be liable for damages including the excess cost of procuring similar supplies or services: provided that if, (1) it is determined for any reason that the Contractor was not in default or (2) the Contractor's failure to perform is without his or his subcontractor's control, fault or negligence, the termination will be deemed to be a termination for convenience of the City under Section 3.39.

3.39 TERMINATION FOR CONVENIENCE

The City Manager may terminate the Contract, in whole or in part, upon 30-days prior written notice, when it is in the best interest of the City. If the Contract is for supplies, products, equipment or software, and is terminated for convenience by the City, the Contractor will be compensated in accordance with an agreed upon adjustment of cost. To the extent that the Contract is for services and so terminated, the City shall be liable only for payment in accordance with the payment provisions of the Contract for those services rendered prior to termination.

3.40 CONFIDENTIALITY

As a political subdivision, the City is subject to the Florida Sunshine Act and Public Records Law. If this Contract contains a confidentiality provision, it shall have no application when disclosure is required by Florida law or upon court order.

3.41 GOVERNING LAW AND VENUE

The validity and effect of this Contract shall be governed by the laws of the State of Florida. The parties agree that any action, mediation or arbitration arising out of this Contract shall take place in Broward County, Florida.

3.42 NO PARTNERSHIP OR JOINT VENTURE

Nothing contained in this Bid or the resulting Contract will be deemed or construed to create a partnership or joint venture between the City and Contractor, or to create any other similar relationship between the parties.

3.43 AUDITS

The City shall have access to all books, records, and documents of the Contractor which directly relate to the work to be performed for the purpose of inspection and auditing upon reasonable written notice during normal business hours at the office of the Contractor or at some location mutually agreed upon by the City and the Contractor.

3.44 PUBLIC RECORDS:

- A. Contractor agrees to keep and maintain public records in Contractor's possession or control in connection with Contractor's performance under this Agreement. Contractor additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. Contractor shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the City.
- B. Upon request from the City custodian of public records, Contractor shall provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.
- C. Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the City.
- D. Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the Contractor shall be delivered by the Contractor to the City Manager, at no cost to the City, within seven (7) days. All such records stored electronically by Contractor shall be delivered to the City in a format that is compatible with the City's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the Contractor shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.
- E. Any compensation due to Contractor shall be withheld until all records are received as provided herein.
- F. Contractor's failure or refusal to comply with the provisions of this section shall result in the immediate termination of this Agreement by the City.

G. In accordance with Section 119.0701(1)(a), Florida Statutes, **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT CUSTODIAN OF PUBLIC RECORDS:**

KATHRYN SIMS, CITY CLERK
CITY OF COOPER CITY
9090 SW 50 PLACE
COOPER CITY, FL 33328
954-434-4300 x #291
KSIMS@COOPERCITYFL.ORG

[END OF SECTION]

SECTION IV – SPECIAL CONDITIONS

4.1 GENERAL CONDITIONS

The General Conditions shown above (Section III) are modified as follows.

4.2 TIME OF COMPLETION

The time of completion of the work to be performed under this contract is the essence of the contract. Delays and extensions of time may be allowed only in accordance with the provisions stated in the appropriate section of the general conditions. The time allowed for the completion of the work described in any work authorization shall be stated in the work authorization. Failure to achieve timely and substantial and/or final completion shall be regarded as a breach of this Contract and subject to appropriate remedies including but not limited to liability for liquidated damages.

4.3 INSURANCE

Where Contractors are required to enter or go onto the City of Cooper City property (including any property which is owned or leased by the City or upon which the City has a license, easement or right-of-way) to deliver materials or perform work or services as a result of an award, the successful Contractor shall assume the full duty, obligation and expense of obtaining all necessary licenses, permits and insurance and assure all work complies with all applicable Broward County and City of Cooper City building requirements and the Florida Building Code. The Contractor shall be liable for any damages or loss to the City occasioned by negligence of the Contractor or any person the Contractor has designated in the completion of the contract as a result of his or her bid.

Contractors shall furnish insurance certificates indicating satisfactory insurance coverage at its sole cost and expense, maintain in full force and effect during the term of the agreement, policies of insurance of the type and in the minimum amounts stated below. Such policy close(s) shall be issued by an insurer of recognized responsibility and rated no less than "A" by the A.M. Best Company or similar insurance rating firm. Such policy close(s) shall contain appropriate cross liability clauses, be primary without right of contribution, and shall provide that the City shall be given 30 days' advance written notice in the event of cancellation, termination or modification which materially restricts the coverage thereof.

Prior to the execution of this agreement, Contractor shall provide the City with a certificate of insurance and a copy of the policy endorsement naming the City of Cooper City its employees, directors, officers, agents, independent contractors, successors and assigns, and other authorized representatives as additional insured to the extent of the contractual obligation assumed by the Bidder.

4.3.1 Comprehensive General Liability Insurance - \$1,000,000 combined single limit of insurance per occurrence and \$2,000,000 in the general aggregate for Bodily Injury and Property Damage and \$3,000,000 general aggregate for Products/Completed Operations, Comprehensive General Liability insurance shall include endorsements for property damage; personal injury; contractual liability; completed operations; products liability and independent contractor's coverage.

**Bidder must provide a copy of the Declaration of Coverage Page
containing the policy forms and any exclusions of General Liability.**

4.3.2 Workers' Compensation Insurance - Contractor shall provide coverage for its employees with statutory workers' compensation limits, and no less than \$1,000,000.00 for Employers' Liability. Said coverage shall include a waiver of subrogation in favor of the City and its agents, employees and officials.

Proof of Workers Compensation Insurance or Exemption shall be provided, as described in Attachment

4.3.3 Comprehensive Automobile Liability Insurance - Contractor shall provide coverage for all owned, non-owned and hired vehicles with limits of not less than \$1,000,000.00, per occurrence, Combined Single Limits (CSL) or its equivalent.

4.3.4 Professional Liability (Errors & Omissions) – When applicable, Contractor shall provide coverage for all claims arising out of the services performed with limits not less than \$1,000,000.00 per claim. The aggregate limit shall either apply separately to this contract or shall be at least twice the required per claim limit. The Bidder shall either require of its Subcontractors to procure and to maintain Subcontractor's Comprehensive General Insurance and Automobile Liability Insurance of the type and in the same amounts specified above or insure the activities of its Subcontractors in the Bidder's own policies.

4.3.5 Builder's Risk Insurance - NOT REQUIRED FOR THIS BID - The coverage shall be "All Risk" coverage for 100 percent of the completed value, covering the City, as a named insured, with a deductible of not more than Five Thousand Dollars (\$5,000.00) per claim and the Contractor specifically agrees to pay all deductibles. The Policy must provide that the Builder's Risk coverage will continue to apply until final acceptance of the Project by City.

The Contractor must submit, prior to commencement of any work, a Certificate of Insurance showing the City of Cooper City as additional insured for the insurance required in sections 4.3.1 and 4.3.3 above.

The Contractor shall either require its Subcontractors to procure and to maintain Subcontractor's Comprehensive General Insurance and Automobile Liability Insurance of the type and in the same amounts specified above or insure the activities of its Subcontractors in the Contractor's own policies.

4.4 PERMITS, FEES AND NOTICES

4.4.1 The City shall pay all CITY OF COOPER CITY'S PERMIT FEES required to complete the project; however, the Successful Bidder shall secure and be responsible for obtaining any and all permits and licenses necessary for the proper execution and completion of the work. The Successful Bidder shall use their best efforts to obtain all necessary permits as soon as possible after the date of Contract award. Any delays in obtaining permits must be brought to the attention of the purchasing division and using department without delay.

4.4.2 The Successful bidder shall give all notices and comply with all laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the performance of the work. The CITY shall not be responsible for monitoring the Successful Bidder's compliance with any laws or regulations.

4.4.3 The Successful bidder shall secure, complete and file with the Clerk of Courts of Broward County, a Certified Notice of Commencement required per chapter 96-838, Laws of Florida. This notice must be on file with the City of Cooper City Building Department, and be displayed on the job site prior to the first inspection.

4.5 BONDS

4.5.1 PERFORMANCE/PAYMENT BOND

All Work Authorizations that exceed \$100,000 will require, upon award, a 100% Performance Bond which may be in the form of a Cashier's Check, made payable to the City (please note that cashier's checks will be deposited into an escrow account for the term of the bid); or a bond written by a surety company authorized to do business in the State of Florida and shall comply with State Statute 287.0935; or an Irrevocable Letter of Credit. If the latter is chosen, it must be issued from a bank located in Broward County, be in the full amount of the contract and should clearly and expressly state that it cannot be revoked until express written approval has been given by the City. The City, to draw on same, would have to give written notice to the bank with a copy to the successful Bidder.

4.5.2 BID BOND - NOT REQUIRED FOR THIS BID

Bids **MUST** be accompanied by a Bid security made payable to the City in an amount equal to five percent (5%) of the Bidder's maximum Bid price and in the form of a certified check, bank money order, or a Bid Bond issued by an authorized surety.

The Bid security of the Successful Bidder will be retained until such Bidder has executed the Contract Documents, furnished the required contract security (Public Construction Bond) and met the other conditions of the Notice of Award, whereupon the Bid Security will be returned. If the Successful Bidder fails to execute and deliver the Contract Documents and furnish the required security within 15 days of the issuance of the Notice of Award, the City may consider Bidder to be in default, annul the Notice of Award, and the Bid security of that Bidder shall be forfeited. Such forfeiture shall be City's exclusive remedy if Bidder defaults. The Bid security of Bidders whom the Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the earlier of seven days after the Effective date of the Agreement or 61 days after the Bid opening, whereupon the Bid security furnished by such Bidders will be returned.

The Bid security of Bidders whom the City believes do not have a reasonable chance of receiving the award will be returned within 21 days after the Bid opening.

4.6 VARIANCES

While the City allows Contractors to take variances to the solicitation terms, conditions, and specifications, the number and extent of variances taken shall be considered in determining bid responsiveness and in allocating bid evaluation points.

4.7 INDEPENDENT CONTRACTOR

The Contractor is an independent contractor under this Agreement. Personal services provided by the Contractor shall be by employees of the Contractor and subject to supervision by the Contractor, and not as officers, employees, or agents of the City. Personal policies, tax responsibilities, social security, health insurance, employee benefits, purchasing policies and other similar administrative procedures applicable to services rendered under this Contract shall be those of the Contractor.

4.8 SELLING, TRANSFERRING OR ASSIGNING CONTRACT

No contract awarded under these terms, conditions and specifications shall be sold, transferred or assigned without the written approval of the City Attorney, or City Attorney's designee.

4.9 SUBSTITUTION OF PERSONNEL

It is the intention of the City that the Contractor's personnel proposed for the contract shall be available for the entire contract term. In the event the Contractor wishes to substitute personnel, he shall propose personnel of equal or higher qualifications and all replacement personnel are subject to City approval. In the event substitute personnel are not satisfactory to the City and the matter cannot be resolved to the satisfaction of the City, the City reserves the right to cancel the Contract for cause.

4.10 DAMAGE TO PUBLIC OR PRIVATE PROPERTY

Extreme care shall be taken to safeguard all existing facilities, site amenities, irrigation systems, vehicles, etc. on or around the job site. Damage to public and/or private property shall be the responsibility of the Contractor and shall be repaired and/or replaced at no additional cost to the City.

4.11 CONTRACTORS' COSTS

The City shall not be liable for any costs incurred by bidders in responding to this solicitation.

4.12 INVOICES/PAYMENT

Invoices documenting completed work shall be submitted at the completion of each request for work and must contain detailed information including the location and amount of work performed. Contractor shall submit an exact listing of completed work with submission of invoice for payment.

Every effort will be made by the City to remit payment within 30 days of the invoice date, after satisfactory inspection by the using department. BIDDERS WILL NOT BE PERMITTED TO PICK UP CHECKS FROM THE CITY. ALL CHECKS WILL BE MAILED TO THE VENDOR'S REMIT TO ADDRESS ON FILE.

Invoices shall be emailed to Accounting@CooperCityFL.org, or sent via US Mail to City of Cooper City, P.O. Box 290910, Cooper City, FL 33329-0910. All invoices must reference the applicable Work Authorization and/or Bid number.

The City shall accept original invoices no more frequently than once per month. Each invoice shall fully detail the hourly costs and all related costs and shall specify the status of the particular task or project as of the date of the invoice as regards the accepted schedule for that task or project. The City will endeavor to make payment on a correct invoice within thirty (30) days after receipt of an invoice acceptable to the City. If, at any time during the contract, the City shall not approve or accept the Contractor's work product, and agreement cannot be reached between the City and the Contractor to resolve the problem to the City's satisfaction, the City shall negotiate with the Contractor on a payment for the work completed and usable to the City. This negotiated payment shall be based on the overall task or project breakdown, relative to the projected number of hours for each task element, and the percentage of work completed.

4.13 DELETION OR MODIFICATION OF SERVICES

The City reserves the right to delete any portion of this Contract at any time without cause, and if such right is exercised by the City, the total fee shall be reduced in the same ratio as the estimated cost of the work deleted bears to the estimated cost of the work originally planned. If work has already been accomplished on the portion of the Contract to be deleted, the Contractor shall be paid for the deleted portion on the basis of the estimated percentage of completion of such portion. If the Contractor and the City agree

on modifications or revisions to the task elements, after the City has approved work to begin on a particular task or project, and a budget has been established for that task or project, the Contractor shall submit a revised budget to the City for approval prior to proceeding with the work.

4.14 REQUESTS FOR MODIFICATION

The City reserves the right to request that the Bidder modify his bid to more fully meet the needs of the City.

4.15 BID ACKNOWLEDGMENT

By submitting a bid, the bidder certifies that he has fully read and understands the bid method and has full knowledge of the scope, nature, and quality of work to be performed.

4.16 REQUESTS FOR ADDITIONAL INFORMATION BY CITY

The bidder shall furnish such additional information as the City may reasonably require. This includes information, which indicates financial resources as well as ability to provide the product(s) and/or services. The City reserves the right to make investigations of the qualifications of the bidder as it deems appropriate, including but not limited to, a background investigation conducted by the Broward Sheriff's Office.

4.17 ACCEPTANCE/REJECTION/MODIFICATION TO BIDS

The City reserves the right to negotiate modifications to bids that it deems acceptable, reject any and all bids, and to waive minor irregularities in the bids.

4.18 ALTERNATE BIDS

An alternate bid is viewed by the City as a bid describing an approach to accomplishing the requirements of the Request for Bid which differs from the approach set forth in the solicitation.

An alternate bid may also be a second bid submitted by the same bidder which differs in some degree from its basic or prime bid.

Alternate bids may be in the area of technical approach, or other provisions or requirements of the solicitation.

The City shall, during the initial evaluation process, consider all alternate bids submitted.

4.19 ADDENDUM OR AMENDMENT TO REQUEST FOR BID

If it becomes necessary to revise or amend any part of this Request for Bid, the City's Purchasing Agent shall furnish the revision by written Addendum and will place it on the City's website.

4.20 PROPRIETARY INFORMATION

In accordance with Chapter 119 of the Florida Statutes (Public Records Law) and except as may be provided by other applicable State and Federal Law, all bidders should be aware that Invitation to Bid and the responses are in the public domain. However, the bidders are required to *identify specifically* any information contained in their bids which they consider confidential and/or proprietary and which they believe to be exempt from disclosure, citing specifically the applicable exempting law.

All bids received from bidders in response to this Request for Bid will become the property of the City and will not be returned to the bidders. In the event of contract award, all documentation produced as part of the contract shall become the exclusive property of the City.

4.21 RECORDS RETENTION

The Contractor awarded this contract shall maintain adequate records to justify all charges, expenses, and costs incurred in estimating and performing the work for at least three (3) years after completion of the contract resulting from this solicitation. All records, documents and information collected and/or maintained by others in the course of the administration of the agreement shall be transferred to electronic data storage media and copies given to the City to retain for its use. This information shall be made accessible at the awardees place of business to the City, including the Comptroller's Office and/or its designees, for purposes of inspection, reproduction and audit without restriction.

4.22 CONTRACT DOCUMENT

The entire contents of this Invitation to Bid, along with the Bidder's Bid and any subsequent Work Authorizations or change orders, are collectively an integral part of the contract between the City and the Contractor.

4.23 PERFORMANCE STANDARDS

If it is determined that the Contractor did not perform the work and/or does not comply with the specifications after inspection has been made by the City's Designee, one of the following actions will be taken, if Contractor has not corrected the deficiencies within 24 hours of notification by City's designee:

- i. The Contractor's invoice will be deducted by the amount bid for the deficient location, **OR**;
- ii. the Contractor will be billed, or have deducted, the total cost of labor, materials and equipment required for the City or another Contractor to perform the work due.

4.24 LIQUIDATED DAMAGES

Liquidated damages of \$100 per day will be deducted from the contract sum for the unit cost of service for each calendar day elapsing beyond the specified time for completion for each Work Authorization without prior approval for an extension from the City's Designee.

4.25 PROJECT COMPLETION

Work performed under this contract shall be via individual Work Authorizations issued by the City to the Contractor. The Contractor shall complete the work outlined in the Work Authorizations. Completed work shall meet all specifications contained herein and in the Work Authorization. Upon receipt of any Work Authorization, the Contractor shall evaluate the work site and determine whether any foreseeable item of expense is not covered by a pay item under this contract, the contractor shall notify the City of this fact prior to initiation of the Work and shall await authorization to proceed. In the event that no such prior notification is made and no such prior authorization is received, the Contractor will not be paid for the expense(s) in question, and this shall not relieve the contractor from furnishing, installing or performing such work where required by any part of these specifications, or necessary for the satisfactory completion of the project. No after-the-fact change orders will be considered or approved.

[END OF SECTION]

SECTION V - SCOPE OF WORK / TECHNICAL SPECIFICATIONS

5.1. SCOPE OF SERVICE

The City of Cooper City (the "City") will receive sealed bids on the date and time specified below for furnishing all labor, materials, and equipment to rehabilitate or repair, as needed throughout the term of the contract, sanitary sewer mains, laterals, and manholes. The work includes cured-in-place pipe lining, sectional liners, cured-in-place lateral lining, along with excavated sewer repairs, cleanout installation, manhole rehabilitations, and associated work such as cleaning, TV, lateral reinstatement, bypass pumping, and traffic control.

All materials, labor, supervision, equipment, supplies, expertise, and services will be provided by the awarded bidder on as-needed basis.

REFER TO ADDITIONAL TECHNICAL SPECIFICATIONS ATTACHED

[END OF SECTION]

ATTACHMENT A
(Page 1 of 5)

City of Cooper City, Florida
Bid Form

**SANITARY SEWER REHABILITATION
ITB 2019-5-UTL**

Bids Due: Tuesday, March 19, 2019

For information contact the Purchasing Division:

Claudia Portocarrero - Purchasing Assistant
Tel: 954-434-4300 ext. #297
Purchasing@CooperCityFL.org

Release Date: Wednesday, February 20, 2019

RETURN ONLY BID FORM AND ALL REQUIREMENT ATTACHMENTS

Submitted by: _____
(Company name)

ATTACHMENT A

(Page 2 of 5)

Project: SANITARY SEWER REHABILITATION

Contract Identification: ITB 2019-5-UTL

Bids submitted to: Office of the City Clerk
City of Cooper City
9090 SW 50th Place
Cooper City, Florida, 33328

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with City in the form included in the contract documents to perform and furnish all work as specified or indicated in the contract documents for the contract price and within the contract time indicated in this bid and in accordance with the other terms and conditions of the contract documents.
2. Bidder accepts all of the terms and conditions of the advertisement of Invitation to Bid and Instruction to Bidders including, without limitation, those dealing with the Bid requirements. This Bid will remain in full force for 90 days from the date of the bid opening. Bidder will sign and submit an agreement with the Bonds and other documents required by the Bidding Requirements within fifteen days after the City's notice of award.
3. In submitting this Bid, Bidder represents, as more fully set forth in the Agreement that:
 - a. Bidder has examined copies of all plans, and bidding documents, contract specifications and instruction to bidders.
 - b. Bidder has familiarized itself with the nature and extent of the Contract Documents, work site, locality, local conditions and the laws and regulations that in any manner may affect the cost, progress, performance or furnishing of the work.
 - c. Bidder has studied carefully all reports and drawings of the project and the physical conditions of the project site areas and accepts the extent of the technical data contained in such reports and drawings upon which Bidder is entitled to rely.
 - d. Bidder has correlated the results of his studies and reviews, observations, investigations, explorations, tests, and studies with the terms and conditions of the contract documents.
 - e. Bidder has given City written notice of all conflicts, errors or discrepancies that is has discovered in these documents and the written resolution thereof by City is acceptable to Bidder.
 - f. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporate and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false Bid, and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or the City.
4. Bid Copies
ONE (1) ORIGINAL, TWO (2) COPIES and ONE (1) ELECTRONIC COPY (Flash Drive or CD) of the Bid should be submitted to the City of Cooper City, City Hall, 9090 SW 50th Place, Cooper City, Florida 33328, to the attention of the Office of the City Clerk. If by US mail, Bids shall be submitted to PO Box 290910, Cooper City, Florida 33329-0910.
5. Addenda, Additional Information-Contact with City Staff
Any addenda or answers to written questions supplied by the City to participating Bidders become part of this Invitation to Bid and the resulting contract. The Bid Form shall be signed by an authorized company representative dated and returned with the proposal Bid.

No negotiations, decisions or actions shall be initiated or executed by the Bidder as result of any discussions with any City employee. Only those communications which are in writing from the City may be considered as a duly authorized expression. Also, only communications from bidder that are signed and in writing will be recognized by the City as duly authorized expressions on behalf of the bidder.

ATTACHMENT A
(Page 3 of 5)

Specific questions related to the Scope of Services requested shall be directed in writing to the City of Cooper City Purchasing Division. Questions must be emailed to Purchasing@CooperCityFL.org, who may respond in kind with copies to all Bidders. **The deadline for submission of questions is 5:00PM, Tuesday, March 12, 2019.**

The successful bidder shall be required to execute a City contract covering the scope of services to be provided and setting forth the duties, rights and responsibilities of the parties. This contract must be executed by the successful bidder prior to recommendation of award and presentation to the City Commission. **IN MOST CASES THE AWARDED BID WILL SERVE AS THE CONTRACT.**

6. Summary of Documents to be submitted with Bid

- _____ Bid Form
- _____ Reference Form
- _____ Public Entity Crimes (PEC) Form
- _____ ADA Affidavit
- _____ Business Entity Affidavit
- _____ Bidder's Foreign (Non-Florida) Corporate Statement (if applicable)
- _____ W-9, Request for Taxpayer Identification Number
- _____ Proof of Workers Compensation Insurance or Exemption
- _____ Proof of Liability Insurance
- _____ Ownership Disclosure Affidavit
- _____ Drug-Free Workplace Certificate
- _____ Employee Background Verification Affidavit

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK.

ATTACHMENT A
(Page 4 of 5)

Bidder's Contact Information

Name of Company: _____

Address: _____

Primary Contact: _____

Title: _____

Tel: _____ Mobile: _____

Email Address (Required): _____

Alternate Contact: _____

Title: _____

Tel: _____ Mobile: _____

Email Address (Required): _____

Company's Website: _____

Remit to Address: _____

Remit to Contact: Name: _____ Tel: _____

Remit to Email: _____

ATTACHMENT A
(Page 5 of 5)

BID TOTAL FROM PRICING SHEET

Grand Total (from Attachment L) \$ _____

Grand Total in Words _____

Submitted by:

(Print)

Authorized Signature:

(Sign)

Company Name:

Date:

STATE:	FLORIDA
COUNTY:	_____
Sworn to (or affirmed) and subscribed before me this ____ day of _____, 20__, by: _____ <i>Name of person making statement</i>	
	_____ <i>Signature of Notary Public - State of Florida</i>
(NOTARY SEAL)	_____ <i>Name of Notary Typed, Printed, or Stamped</i>
Personally Known _____ OR Produced Identification _____	
Type of Identification Produced _____	

ATTACHMENT B

REFERENCES

All references shall be from entities/companies regularly engaged in the business of providing the goods and/or services as described in this solicitation.

1. ENTITY/COMPANY NAME: _____
ADDRESS: _____
CONTACT NAME: _____
CONTACT'S TITTLE: _____
TELEPHONE: _____
E-MAIL (REQUIRED): _____
CONTRACT PERIOD: FROM: _____ TO: _____

2. ENTITY/COMPANY NAME: _____
ADDRESS: _____
CONTACT NAME: _____
CONTACT'S TITTLE: _____
TELEPHONE: _____
E-MAIL (REQUIRED): _____
CONTRACT PERIOD: FROM: _____ TO: _____

3. ENTITY/COMPANY NAME: _____
ADDRESS: _____
CONTACT NAME: _____
CONTACT'S TITTLE: _____
TELEPHONE: _____
E-MAIL (REQUIRED): _____
CONTRACT PERIOD: FROM: _____ TO: _____

This page shall be completed IN FULL and submitted with your bid.

ATTACHMENT C

(Page 1 of 2)

**SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A
NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to the CITY OF COOPER CITY, FLORIDA

by: _____
(print individual's name and title)

for: _____
(print name of entity submitting sworn statement)

whose business address is: _____

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

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

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

- a) A predecessor or successor of a person convicted of a public entity crime; or
- b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

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

ATTACHMENT C

(Page 2 of 2)

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

___ Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, not any affiliate of the entity, has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

___ This entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

___ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

Signature

STATE:	FLORIDA
COUNTY:	_____
Sworn to (or affirmed) and subscribed before me this ____ day of _____, 20 __, by: _____	
	<i>Name of person making statement</i>

	<i>Signature of Notary Public - State of Florida</i>
(NOTARY SEAL)	_____
	<i>Name of Notary Typed, Printed, or Stamped</i>
Personally Known _____	OR Produced Identification _____
Type of Identification Produced _____	

ATTACHMENT D

**AMERICANS WITH DISABILITIES ACT (ADA)
DISABILITY NONDISCRIMINATION STATEMENT**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL
AUTHORIZED TO ADMINISTER OATHS.

This sworn statement is submitted to the CITY OF COOPER CITY, FLORIDA

by: _____
(print individual's name and title)

for: _____
(print name of entity submitting sworn statement)

whose business address is: _____

and (if applicable) its Federal Employer Identification Number (FEIN) is: _____
(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____ - _____ - _____.)

I, being duly first sworn state:

That the above named firm, corporation or organization is in compliance with and agreed to continue to comply with, and assure that any subcontractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.

The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:

The Rehabilitation Act of 1973, 229 USC Section 794;

The Federal Transit Act, as amended 49 USC Section 1612;

The Fair Housing Act as amended 42 USC Section 3601-3631.

Signature

STATE:	FLORIDA
COUNTY:	_____
Sworn to (or affirmed) and subscribed before me this ____ day of _____, 20__, by: _____ <i>Name of person making statement</i>	
_____ <i>Signature of Notary Public - State of Florida</i>	
(NOTARY SEAL)	_____ <i>Name of Notary Typed, Printed, or Stamped</i>
Personally Known _____	OR Produced Identification _____
Type of Identification Produced _____	

Attachment F

FOREIGN (NON-FLORIDA) CORPORATION MUST COMPLETE THIS FORM
DEPARTMENT OF STATE CORPORATE CHARTER NO. _____

If your corporation is exempt from the requirements of Section 607.1501, Florida Statutes, YOU MUST CHECK BELOW the reason(s) for the exemption. Please contact the Department of State, Division of Corporations at (850) 245-6051 for assistance with corporate registration or exemptions. 607.1501 Authority of foreign corporation to transact business required.

- (1) A foreign corporation may not transact business in this state until it obtains a certificate of authority from the Department of State.
- (2) The following activities, among others, do not constitute transacting business within the meaning of subsection one (1):
- _____ (a) Maintaining, defending, or settling any proceedings.
 - _____ (b) Holding meetings of the board of directors or shareholders or carrying on other activities concerning internal corporate affairs.
 - _____ (c) Maintaining bank accounts.
 - _____ (d) Maintaining officers of agencies for the transfer, exchange, and registration of the corporation's own securities or maintaining trustees or depositories with respect to those securities.
 - _____ (e) Selling through independent contractors.
 - _____ (f) Soliciting or obtaining orders, whether by mail or through employees, agents or otherwise, if the orders
 - _____ (g) Creating or acquiring indebtedness, mortgages, and security interests in real or personal property.
 - _____ (h) Securing or collecting debts or enforcing mortgages and security interests in property securing the debts.
 - _____ (i) Transacting business in interstate commerce.
 - _____ (j) Conducting an isolated transaction that is completed within 30 days and that is not one in the course of repeated transactions of a like nature.
 - _____ (k) Owning and controlling a subsidiary corporation incorporated in or transacting business within this state or voting the stock of any corporation which it has lawfully acquired.
 - _____ (l) Owning a limited partnership interest in a limited partnership that is doing business within this state, unless such limited partner manages or controls the partnership or exercises the powers and duties of a general partner.
 - _____ (m) Owning, without more, real or personal property.

The list of activities of subsection (2) is not exhaustive.

- (3) This section has no application to the question of whether any foreign corporation is subject to service of process and suit in this state under any law of this state.

Please check one of the following if your firm in NOT a corporation:

- (I) _____ Partnership, Joint Venture, Estate or Trust
(II) _____ Sole Proprietorships of Self Employed

NOTE: This sheet **MUST** be enclosed with your bid if you claim an exemption or have checked I or II above, your firm will be considered a corporation and subject to all requirements listed herein.

SIGNATURE OF AUTHORIZED AGENT OF PROPOSER

BIDDER'S LEGAL NAME

Attachment G

Form **W-9**
 (Rev. December 2014)
 Department of the Treasury
 Internal Revenue Service

**Request for Taxpayer
 Identification Number and Certification**

**Give Form to the
 requester. Do not
 send to the IRS.**

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification; check only **one** of the following seven boxes:
 Individual/sole proprietor or single-member LLC
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.
 Other (see instructions) ▶ _____
 C Corporation
 S Corporation
 Partnership
 Trust/estate

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
 Exempt payee code (if any) _____
 Exemption from FATCA reporting code (if any) _____
(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.)

6 City, state, and ZIP code

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number

			-			-					
--	--	--	---	--	--	---	--	--	--	--	--

or

Employer identification number

		-													
--	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here Signature of U.S. person ▶ [Click Here to Sign](#) Date ▶ _____

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Attachment H

**REQUEST FOR PROOF OF
WORKERS COMPENSATION INSURANCE OR EXEMPTION**

Dear Provider of Services or Goods:

In order to provide services or goods to City of Cooper City, we require that you provide us either proof of workers compensation coverage or proof of exemption.

Workers compensation insurance is required of all employers in Florida that employ 4 or more part or full time employees. In the event that you are an employer in the construction industry, you are required to have workers compensation insurance if you employ one or more workers. Corporate officers and sole proprietors are included when calculating the number of employees. Note: Corporate officers may claim exemption from workers compensation coverage on themselves only, by filing *Form DWC 250, Notice of Election to Be Exempt*. This form can be found at <http://fldfs.com/WC/forms.html>.

If you meet the above criteria to be exempt, you MUST provide us with one of the following:

- If your business is a sole proprietorship or unincorporated business: provide us a Verification of Automatic Exempt Certificate. This verification is a letter that is issued by the State of Florida Department of Financial Services. To receive a letter from the State, complete the following directions: 1) Call the National Council of Compensation Insurance 1-800-622-4123, Option 5, and ask them for the class code for your type of business. 2) Once you have received this code, call the Department of Financial Services at 1-850-413-1601 and provide them your business name, class code, mailing address, and contact phone number. They will send you the Verification of Automatic Exempt Certificate. 3) Provide us a copy of the Verification of Automatic Exempt Certificate.
- If your business is a corporation (including a professional association or limited liability company), and you are not required to have workers compensation insurance as per the requirements as outlined above, you must complete the attached Workers Compensation Exemption Affidavit, have it notarized, and return the original to us.

If you are an employer that meets the requirements of workers compensation and needs to obtain coverage, contact your current business insurance agent, or you may use the following resources to locate an agent: www.faja.com, www.piafl.org/wc-info.pdf, or call (850) 893-8245.

Please be reminded that the furnishing of this information to City of Cooper City is a non-negotiable requirement to perform services for us. Failure to provide this timely may result in either termination of your services or delay of payment for services. Your workers compensation Certificate of Coverage, Workers Compensation Exemption Affidavit, or Verification of Automatic Exempt Certificate must be delivered or mailed to the Purchasing Division located at City Hall, 9090 SW 50 Place, Cooper City, Florida 33328, or emailed to Purchasing@CooperCityFL.org.

ATTACHMENT I

OWNERSHIP DISCLOSURE AFFIDAVIT

1. If the contact or business transaction is with a corporation, the full legal name and business address shall be provided for each officer and director and each stockholder who holds directly or indirectly five percent (5%) or more of the corporation's stock. If the contract or business transaction is with a trust, the full legal name and address shall be provided for each trustee and each beneficiary. All such names and addresses are (Post Office addresses are not acceptable), as follows:

<u>Full Legal Name</u>	<u>Address</u>	<u>Ownership</u>
_____	_____	_____ %
_____	_____	_____ %
_____	_____	_____ %

2. The full legal names and business address of any other individual (other than subcontractors, materialmen, suppliers, laborers, or lenders) who have, or will have, any interest (legal, equitable, beneficial or otherwise) in the contract or business transaction with the City are (Post Office addresses are not acceptable), as follows:

Signature of Affiant

Print Name

Date

STATE: FLORIDA
COUNTY: _____
Sworn to (or affirmed) and subscribed before me this ____ day of _____, 20__, by: _____ <i>Name of person making statement</i>
_____ <i>Signature of Notary Public - State of Florida</i>
(NOTARY SEAL) _____ <i>Name of Notary Typed, Printed, or Stamped</i>
Personally Known _____ OR Produced Identification _____
Type of Identification Produced _____

ATTACHMENT J

DRUG FREE WORKPLACE CERTIFICATE

I, the undersigned, in accordance with Florida Statute 287.087, hereby certify that, **(print or type name of firm)**

- Publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace named above, and specifying actions that will be taken against violations of such prohibition.
- Informs employees about the dangers of drug abuse in the work place, the firm's policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.
- Gives each employee engaged in providing commodities or contractual services that are under bid or proposal, a copy of the statement specified above.
- Notifies the employees that as a condition of working on the commodities or contractual services that are under bid or proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, pleas of guilty or nolo contendere to, any violation of Chapter 1893, or of any controlled substance law of the State of Florida or the United States, for a violation occurring in the work place, no later than five (5) days after such conviction, and requires employees to sign copies of such written (*) statement to acknowledge their receipt.
- Imposes a sanction on, or requires the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
- Makes a good faith effort to continue to maintain a drug free work place through the implementation of the drug free workplace program.

"As a person authorized to sign this statement, I certify that the above named business, firm or corporation complies fully with the requirements set forth herein".

Signature of Affiant

Print Name

Date

STATE:	FLORIDA
COUNTY:	_____
Sworn to (or affirmed) and subscribed before me this ____ day of _____, 20__, by: _____	
<i>Name of person making statement</i>	
_____ <i>Signature of Notary Public - State of Florida</i>	
(NOTARY SEAL)	_____ <i>Name of Notary Typed, Printed, or Stamped</i>
Personally Known _____	OR Produced Identification _____
Type of Identification Produced _____	

ATTACHMENT L

BIDDER SHALL SUBMIT PRICES FOR ALL 77 ITEMS TO BE CONSIDERED FOR AWARD

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
CIPP Mainline Pipe Lining					
1	Install cured-in-place mainline liner, 6" x 4.5mm (finished thickness) gravity mains.	350	LF	\$	\$
2	Additional for design change 6" x 1.5mm thickness increase.	350	LF	\$	\$
3	Install cured-in-place mainline liner, 8" x 6.0mm (finished thickness) gravity mains.	3,000	LF	\$	\$
4	Additional for design change 8" x 1.5mm thickness increase.	3,000	LF	\$	\$
5	Install cured-in-place mainline liner, 10" x 6.0mm (finished thickness) gravity mains.	1,500	LF	\$	\$
6	Additional for design change 10" x 1.5mm thickness increase.	1,500	LF	\$	\$
7	Install cured-in-place mainline liner, 12" x 6.0mm (finished thickness) gravity mains.	1,000	LF	\$	\$
8	Additional for design change 12" x 1.5mm thickness increase.	1,000	LF	\$	\$
9	Reinstate lateral after CIPP installation, grout and test lateral connection.	100	EA	\$	\$
10	Full Cut existing service lateral , insufficiently cut by others.	5	EA	\$	\$
11	Remove mainline protruding service (Hammer Tap)	2	EA	\$	\$
CIPP Sectional Mainline Pipe Lining					
12	Install cured-in-place mainline sectional , 6" x 4.5mm (finished thickness). (6 feet in length)	2	EA	\$	\$
13	Additional LF of 6" x 4.5mm (finished thickness) beyond 6', up to 25'.	20	LF	\$	\$
14	Install cured-in-place mainline sectional , 8" x 6.0mm (finished thickness). (6 feet in length)	3	EA	\$	\$
15	Additional LF of 8" x 6.0mm beyond 6', up to 25'.	20	LF	\$	\$
16	Install cured-in-place mainline sectional , 10" x 6.0mm (finished thickness). (6 feet in length)	2	EA	\$	\$
17	Additional LF of 10" x 6.0mm beyond 6', up to 25'.	20	LF	\$	\$
18	Install cured-in-place mainline sectional , 12" x 6.0mm (finished thickness). (6 feet in length)	2	EA	\$	\$
19	Additional LF of 12" x 6.0mm beyond 6', up to 25'.	18	LF	\$	\$
20	Reinstate lateral after CIPP installation (sectional only), grout and test lateral connection.	5	EA	\$	\$
CIPP Lateral Connection and Lateral Pipe Lining					
21	CIP Lining, 6 to 8-inch full circle main connection 4" or 6" x 4.5mm (finished thickness) lateral piping, minimum 10 LF of lateral (all depths). Meets ASTM F2561.	10	EA	\$	\$
22	CIP Lining, 10 to 12-inch full circle main connection 4" or 6" x 4.5mm (finished thickness) lateral piping, minimum 10 LF of lateral (all depths). Meets ASTM F2561.	10	EA	\$	\$
23	CIP Lining, 6 to 8-inch full circle main connection 4" or 6" x 4.5mm (finished thickness) lateral piping, minimum 10 LF of lateral (all depths). Meets ASTM F1216.	10	EA	\$	\$
24	CIP Lining, 10 to 12-inch full circle main connection 4" or 6" x 4.5mm (finished thickness) lateral piping, minimum 10 LF of lateral (all depths). Meets ASTM F1216.	10	EA	\$	\$
25	Lateral Liner 4" & 6" x 4.5mm (finished thickness) pipe, beyond 10 linear feet (all depths).	500	LF	\$	\$

ATTACHMENT L

BIDDER SHALL SUBMIT PRICES FOR ALL 77 ITEMS TO BE CONSIDERED FOR AWARD

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
26	CIP Lining, 6 to 12-inch full circle main drop connection , 6" thru 10" x 4.5mm (finished thickness) drop pipe, up to 10 LF of drop (all depths). Meets ASTM F2561.	4	EA	\$	\$
27	CIP Lining, 6 to 12-inch full circle main drop connection , 6" thru 10" x 4.5mm (finished thickness) drop pipe, up to 10 LF of drop (all depths). Meets ASTM F1216.	4	EA	\$	\$
28	CIP Lining, 4" & 6" x 4.5mm (finished thickness) laterals , all depths (includes 10 feet of lateral)	5	EA	\$	\$
29	CIP Lining 4" & 6" x 4.5mm (finished thickness) pipe, beyond 10 linear feet all depths.	300	LF	\$	\$
30	Transitional Liner 4" to 6" x 4.5mm (finished thickness) transition (all depths). Transitions may occur in stack pipe or lateral pipe.	5	EA	\$	\$
Excavated Repairs					
31	Point repair lateral , 3-inch to 6-inch gravity pipe, depths up to 6-feet, piping up to 10-feet in length.	1	EA	\$	\$
32	Point repair lateral , 3-inch to 6-inch gravity pipe, depths over 6-feet up to 10-feet, piping up to 10-feet in length.	1	EA	\$	\$
33	Point repair lateral , 3-inch to 6-inch gravity pipe, depths over 10-feet up to 12-feet, piping up to 10-feet in length.	1	EA	\$	\$
34	Point repair main , <u>8-inch to 10-inch gravity pipe</u> , depths up to 6 feet, piping up to 10-feet in length.	2	EA	\$	\$
35	Point repair main , <u>8-inch to 10-inch gravity pipe</u> , depths over 6 feet up to 8-feet, piping up to 10-feet in length.	2	EA	\$	\$
36	Point repair main , <u>8-inch to 10-inch gravity pipe</u> , depths over 8 feet up to 10-feet, piping up to 10-feet in length.	2	EA	\$	\$
37	Point repair main , <u>8-inch to 10-inch gravity pipe</u> , depths over 10 feet up to 12-feet, piping up to 10-feet in length.	1	EA	\$	\$
38	Point repair main , <u>12-inch gravity pipe</u> , depths over 6 feet up to 8-feet, piping up to 10-feet in length.	2	EA	\$	\$
39	Point repair main , <u>12-inch gravity pipe</u> , depths over 8 feet up to 10-feet, piping up to 10-feet in length.	2	EA	\$	\$
40	Point repair main , <u>12-inch gravity pipe</u> , depths over 10 feet up to 12-feet, piping up to 10-feet in length.	1	EA	\$	\$
41	Cleanout installation (open trench)	2	EA	\$	\$
42	Cleanout Installation in grass area , 3-inch to 6-inch gravity pipe, depths up to 5-feet. (includes restoration)	10	EA	\$	\$
43	Cleanout Installation in asphalt area , 3-inch to 6-inch gravity pipe, depths up to 5-feet. (includes restoration)	5	EA	\$	\$
44	Cleanout Installation in concrete area , 3-inch to 6-inch gravity pipe, depths up to 5-feet. (includes restoration)	3	EA	\$	\$
45	Cleanout Installation in pavers , 3-inch to 6-inch gravity pipe, depths up to 5-feet. (includes restoration)	2	EA	\$	\$
46	Double Wye Replacement , performed during a cleanout installation.	18	EA	\$	\$
47	Cleanout Installation beyond 5 feet in depth.	10	VF	\$	\$

ATTACHMENT L

BIDDER SHALL SUBMIT PRICES FOR ALL 77 ITEMS TO BE CONSIDERED FOR AWARD

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
For any excavated point repairs beyond the 10-foot length, the contractor will be paid the applicable point repair item cost divided by 10-feet for each additional LF beyond the first 10-feet of pipe installed, if necessary.					
48	Asphalt roadway replacement (including base & sub-grade)	50	SY	\$	\$
49	Well points, furnish, install, and remove up to 20 points.	1	Day	\$	\$
50	Maintain well points installed.	1	Day	\$	\$
51	Asphalt pavement overlay (1-inch thick)	100	SY	\$	\$
52	Asphalt driveway replacement (match existing)	100	SY	\$	\$
53	Concrete replacement 4" or 6" thick	5	SY	\$	\$
54	Concrete curb and gutter replacement	25	LF	\$	\$
55	Remove and replace brick pavers.	250	SF	\$	\$
56	Sod replacement(may be done by the city)	1,000	SF	\$	\$
Manhole Rehabilitation					
57	Realign, grout and seal manhole casting (in street).	1	EA	\$	\$
58	Seal visible infiltration through manhole walls, bench, and invert (brick manhole) any depth.	2	EA	\$	\$
59	Seal visible infiltration through manhole walls, bench, and invert (concrete manhole), any depth.	2	EA	\$	\$
60	Repair manhole bench and invert.	2	EA	\$	\$
61	Replace manhole bench and invert.	1	EA	\$	\$
62	Replace standard manhole frame and cover and install seal.	1	EA	\$	\$
63	Install Raven 405 manhole liner for precast manhole (in street), 4-foot diameter structure, from invert to R&C.	100	V.F.	\$	\$
64	Install Raven 405 manhole liner for brick manhole (in street), 4-foot diameter structure, from invert to R&C.	100	V.F.	\$	\$
Clean & TV - Mains and Laterals / Support Items					
65	Sewer main cleaning and TV inspection (6-inch through 8-inch). Not paid as part of a mainline CIPP installation.	5,000	LF	\$	\$
66	Sewer main cleaning and TV inspection (10-inch through 12-inch) Not paid as part of a mainline CIPP installation.	2,000	LF	\$	\$
67	Sewer lateral TV inspection 6" to 8" main w/ P&T Camera (up to 30 feet)	10	EA	\$	\$
68	Sewer lateral TV inspection 10" to 12" main w/ P&T Camera (up to 30 feet)	10	EA	\$	\$
69	Sewer lateral TV inspection from main (beyond 30 feet) on 6" through 12" main.	175	LF	\$	\$
70	Mechanical root or grease removal (3-inch through 8-inch)	500	LF	\$	\$
71	Mechanical root or grease removal (8-inch through 12-inch)	400	LF	\$	\$
72	Mechanical Tuberculation Removal (3-inch through 8-inch)	500	LF	\$	\$
73	Mechanical Tuberculation Removal (8-inch through 12-inch)	400	LF	\$	\$
74	Bypass pumping (8-inch and 10-inch sewer), requires owner approval.	1	EA	\$	\$
75	Bypass pumping 12-inch sewer, requires owner approval.	1	EA	\$	\$
76	Traffic control - hourly charge for each flagger.	160	HR	\$	\$

ATTACHMENT L

BIDDER SHALL SUBMIT PRICES FOR ALL 77 ITEMS TO BE CONSIDERED FOR AWARD

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
77	Traffic control - daily charge for arrow board.	1	DAY	\$	\$
				Grand Total:	\$
Date: _____ Company Name: _____ Signature: _____					

**TECHNICAL SPECIFICATIONS
TABLE OF CONTENTS**

SPECIFICATIONS

	<u>Page</u>
Summary of Work	01010
Measurement and Payment.....	01025
Reference Standards	01090
Documents and Submittals	01300
Quality Control.....	01400
Site Access and Storage	01550
Project Close Out	01700
Asphalt	02510
Concrete.....	02512
Wastewater Flow Control.....	02750
Preparatory Cleaning and Root Removal	02751
Video Surveys (mains and laterals)	02752
Manhole Rehabilitation	02753
Excavated Repairs	02757
Cleanout Installations.....	02759
Cured-In-Place Sectional Lining Requirements	02764
Cured-In-Place Main Lining Requirements.....	02765
Cured-In-Place Lateral Lining Requirements	02770
Bid Information Forms Sub	09011

SUMMARY OF WORK

1.00 WORK COVERED BY CONTRACT DOCUMENTS

1. The Project consists of furnishing all labor, materials and equipment for performing sanitary sewer system rehabilitation and repairs, as needed, throughout the term of this contract.
 1. Work scope includes, cured-in-place pipe lining, for gravity mains, sectional liners, cured-in-place lateral lining, along with excavated sewer repairs, cleanout installation, manhole rehabilitation and associated work such as cleaning, TV, lateral reinstatement, bypass pumping, and traffic control.
 2. Upon receipt of any Work Authorization, the contractor shall evaluate the work site and determine whether any foreseeable item of expense is not covered by a pay item under this contract. If the contractor determines that any foreseeable item of expense is not covered by a pay item under this contract, the contractor shall notify the owner of this fact prior to initiation of the associated work and shall await authorization to proceed. In the event that no such prior notification is made and no such prior authorization is received, the contractor will not be paid for the expense(s) in question. No after-the-fact change orders will be considered or approved.
 3. Work shall be performed to ensure a minimum of traffic disruption or sewer down time, and work must be coordinated with affected residents and utility personnel. Whenever the property owners' use of the sanitary sewer must be interrupted by the work, the contractor shall notify the residents well in advance of the interruption. This notification shall be accomplished with door hanger notification cards to be placed at the addresses of affected customers. Property owners shall be informed when service interruption will take place and the approximate duration. This notice shall be provided a minimum of 24 hours, and a maximum of seven days, in advance of commencement of service interruption, unless otherwise specified. The contractor shall make every effort to minimize inconvenience to the public and property owners.
 4. The contractor shall perform all work in strict accordance with all applicable OSHA Standards. Particular attention is drawn to those safety requirements involving man entry in confined spaces. Prior to entering manholes and other confined spaces, the atmosphere shall be evaluated by the contractor to determine the system is safe to perform the designated repairs. Contractor shall follow all procedures outlined by OSHA's Confined Space Entry requirements.
 5. The contractor shall warrant to the owner that the equipment used on this contract where covered by patents or license agreements is furnished in accordance with such agreements and that the prices included herein cover all applicable royalties and fees in accordance with such license agreements. The contractor shall defend, indemnify and hold the owner harmless from and against any and all costs, loss, damage or expense arising out of or in any way connected with any claim of infringement of patent, trademark or violation of license agreement.

2. Preconstruction Conference:

1. Prior to the commencement of work at the site, a preconstruction conference will be held at a mutually agreed time and place which shall be attended by the City, the contractor, its superintendent, and its subcontractors as appropriate.
2. The owner may schedule monthly progress meetings. The contractor, owner, and all subcontractors active on the site shall be represented at each meeting. Contractor may at its discretion request attendance by representatives of its suppliers, manufacturers, or subcontractors.

3. Site Conditions:

1. The contractor acknowledges that he has investigated prior to bidding and satisfied himself as to the conditions affecting the work. The contractor further acknowledges that he has satisfied himself as to the character, quality and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, drawings and specifications. Any failure by the contractor to acquaint himself with the available information will not relieve him from responsibility for estimating properly the difficulty or cost of successfully performing the work. The owner assumes no responsibility for any conclusions or interpretations made by the contractor on the basis of the information made available by the owner.
2. The contractor shall promptly and before such conditions are disturbed, notify the owner in writing of: (1) subsurface or latent physical conditions at the site differing materially from those indicated in this contract, or (2) unknown physical conditions at the site, of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in this contract. The owner will promptly investigate the conditions, and if he finds that such conditions do materially so differ and cause an increase or decrease in the contractor's cost of, or time required for, performance of any part of the work under this contract, whether or not changed as a result of such conditions, an equitable adjustment shall be made and the contract modified in writing accordingly.

- END OF SECTION -

SECTION 01025 - MEASUREMENT AND PAYMENT

1. GENERAL

- A. Payments to the contractor shall be made on the basis of the bid form proposal as full and complete payment for furnishing all materials, labor, tools and equipment, and for performing all operations necessary to complete the work included in the contract documents. Such compensation shall also include payments for any loss or damages arising directly or indirectly from the work, or from any discrepancies between the actual quantities of work and those shown in the contract documents.
- B. The contractor's attention is called to the fact that the quotations for the various items of work are intended to establish a total price for completing the work in its entirety. Should the contractor feel that the cost for any item of work has not been established in the bid form proposal or this section, the cost for that work shall be included in some other applicable bid item, so that the proposal for the project reflects the total price for completing the work in its entirety. It is intended that all work required to complete this contract will be included in the various items as described herein.
- C. In the event that repairs to any other public or private property are required due to damage caused by the contractor's operations, the contractor shall provide and employ all necessary labor, equipment, and materials, at no additional cost, to complete such repairs.

2. CONTRACT DURATION

- A. The prices and conditions stated in this bid shall be in effect for a period of three years from the date of issuance of a letter of award, or date of executed contract, whichever is later. The contract may be renewed for one additional two-year period, at the city's option and with agreement of the contractor.

3. PERFORMANCE, PAYMENT, AND GUARANTEE BONDS

- A. All Work Authorizations that exceed \$100,000 will require, upon issuance, a 100% Performance Bond. The unit pricing provided by the contractor in the bid form proposal shall include the bond cost. The Bond must be written through a company licensed to do business in the State of Florida and be rated at least "A", Class X, in the latest edition of "Best's Key Rating Guide", published by A.M. Best Company.

4. MEASUREMENT

- A. The quantities for payment under this Contract shall be determined by actual field measurement of the completed items, in place, ready for service and accepted by the owner unless otherwise specified. The owner will verify all field measurements and required testing.

- B. Limits of construction area for point repairs. Point repairs are limited to a 8' width x 3' beyond the cut pipe in both direction (up and downstream). For excavations deeper than 5' the restoration area will increase 1' for each additional foot of excavation beyond 5'. Payment for asphalt will not exceed the width of the road.
- C. When depths of cuts are indicated in the bid form items, they shall be measured vertically from the existing grade at excavation point, paved or unpaved, to the finished pipe invert. If the excavation is not open, or no measurement was taken, a measurement will be taken at the upstream manhole and downstream manhole. The average of these two depths will be used to determine the depth of the excavation on mains.
- D. The quantities stated in the bid proposal are approximate only and are intended to serve as a basis for the comparison of bids and to fix the approximate amount of the cost of the project. The owner does not expressly or impliedly agree that the actual amount of the work to be done in the performance of the contract will correspond with the quantities in the bid form; the amount of work to be done may be more or less than the said quantities and may be increased or decreased by the owner as circumstances may require. The increase or decrease of any quantity shall not be regarded as grounds for an increase in the unit price or in the time allowed for the completion of the work, except as provided in the contract documents. The time allowed for the completion of the work shall be stated in each Work Authorization.
- E. Payment items for cleaning and televising of mains and laterals will apply when sewer is cleaned and televised for inspection only. **Cleaning and television inspection performed to prepare for a repair or to document a completed repair are not considered separate pay items.** The only exception to this is to document a completed mainline point repair.
- F. Where needed, the unit prices in the bid form shall include, but not be limited to, all necessary or required resident notification, traffic control, sewer pipe cleaning and preparation of the existing sewer, including blocking or plugging incoming lines; removal, transportation and disposal of material generated by cleaning and preparation; pre- and post-lining television surveys; sonde locating the pipe (laterals and mains); sealing if necessary; pipe lining; excavating; dewatering; well points; coating; patching; water; sample collection; grouting; cleanup; documentation and reporting; hoses, cables and fittings; providing all labor, materials and equipment required for a complete and acceptable quality job as requested in the specifications and on the bid form.
- G. Cured-in-place mainline:
1. Bid Items will be measured and paid at the unit price per linear foot of mainline pipe liner as delineated by the pipe size for all depths in the bid form proposal. Measurement shall be made based on the horizontal projection of the centerline of the permanently installed liner between manholes, measured to the nearest foot, for each section lined.
 2. Bid Items, additional payment for design required thickness change. These items will be used to increase the per LF payment for the appropriate CIPP mainline pipe lines and for a change in design thickness requirement per each 1.5mm thickness adjustment. Any increase to the bid form CIPP material thickness is required to have design calculations supporting the thickness change.

3. Payment will be made for all CIPP installed with the services 100% reinstated, laterals grouted and must be accompanied by the post video, and this applies to mains, laterals and sectionals where applicable.
- H. Reinstated laterals
1. Bid items will be measured and paid at the unit price per each lateral reinstated to 100% opening. Item shall include grouting the annular space between the host pipe and the newly installed liner with chemical grout and the lateral pipe up to a minimum of 18" in the lateral pipe.
 2. Successful testing and sealing of the laterals is required and is to be included in the item. No additional payment will be made for laterals that fail the test, they are to be resealed and tested at no additional charge to the owner.
 3. If grouting of the annular space at the reinstated lateral results in residual grout greater than 30 percent of the circumference of the lateral, such grout shall be removed at no additional cost to the owner.
- I. Full cut existing lateral
1. Bid items will be measured and paid at the unit price per each lateral requiring full cutting that was undercut when originally installed. The laterals full cut under this item require trimming so that flow capacity is returned to a 100% opening.
- J. Protruding service connection removal
1. Bid item payment shall be at the unit price bid, per each protruding service connection removed with the advance concurrence of the owner. The payment is for trimming the protruding lateral flush with the barrel of the mainline pipe. The protruding lateral material may be VCP, PVC, CI, any material protruding is to be included in the bid item.
- K. Mainline sectionals
1. Bid Items will be measured and paid at the unit price per each cured-in-place sectional pipe liner installed minimum 8 feet, as delineated by the pipe size brackets named in the bid form.
 2. Bid Items will be paid for in addition to the base price paid under corresponding mainline sectional, at the unit price bid per linear foot of liner installed beyond 8 feet and up to 25 feet. This item will be full compensation for all additional costs associated with work of installing sectional liner beyond 8 feet.
- L. Lateral connection and lateral pipe lining
1. Bid Items will be measured and paid at the unit price per each lateral connection liner, as delineated by the pipe size and depth brackets named in the bid form, and shall include up to 10 feet of lateral (or drop).
 2. Bid Items will be measured and paid for at the unit price per foot of sewer laterals lined beyond the initial 10 feet of lateral, and will be paid in addition to the corresponding full circle main / lateral connection item. This item will be full compensation for all additional costs associated with work of installing lateral liner beyond 10 feet.
 3. Bid items will be measured and paid for at the unit price per each, as defined in the bid form to provide a transitional liner (6-inch to 4-inch), as part of a pipe transition or lateral liner, complete in place. Payment for this item, when

- authorized by the owner, shall be in addition to the main / lateral connection item.
4. Bid Items will be measured and paid at the unit price per each 4-inch or 6-inch lateral liner installed, and shall include up to 10 feet of lateral piping, to provide a complete and acceptable liner installation. (no mainline connection included)
 5. Bid Items will be measured and paid for at the unit price per foot of 4-inch or 6-inch sewer laterals lined beyond 10 feet of lateral, in addition to the corresponding item. This item will be full compensation for all additional costs associated with work of installing lateral liner beyond 10 feet.
- M. Lateral TV inspection from main (up to 30 feet)
1. Bid items of work will be measured and paid at the unit price per each lateral televised from the mainline (up to 30 feet).
 2. Videos and reports must be done in accordance with the specifications or a re-inspection will be required.
- N. Lateral TV inspection from main (beyond 30 feet)
1. Bid items will be measured and paid for at the unit price per foot of sewer laterals televised (beyond 30 feet).
- O. Lateral TV inspection from cleanout (up to 30 feet)
1. Bid items will be measured and paid at the unit price per each lateral televised from a cleanout.
- P. Lateral TV inspection from cleanout (beyond 30 feet)
1. Bid items will be measured and paid for at the unit price per foot of sewer laterals televised (beyond 30 feet).
- Q. Point repairs of gravity mains and laterals
1. Bid Items will be measured and paid for at the unit price per each as delineated by pipe size and depth brackets as named in the bid form. Payment of the unit price per each shall provide full compensation for all necessary and required work including, (a minimum of 3 feet and a maximum of 15 feet of pipe replacement), pipe joint material including lubricant, pipe bedding, repair sleeves, flexible banded couplings and adapters, rigid sleeves with compression joints, embedment materials, wyes or tees and the reconnection of service laterals; flow isolation; backfill; compaction; complying with the State of Florida Trench Safety Act; supporting and protecting existing utilities as required; dewatering; well points; sheeting and shoring, if necessary; cutting pipe; making all connections within the lines to existing sewers and structures; testing; cleanup; final cleanup; all labor, materials and equipment required to provide a complete and acceptable pipe installation. And all incidentals related to point repairs to achieve a repaired segment of sewer gravity main or lateral complete in place, tested, and ready for use.
 2. For any pipe repairs beyond the 15-foot length in the repair item, the contractor will be paid the applicable point repair item cost divided by 15-feet for each additional LF beyond the first 15-feet of pipe installed.
 3. Point repairs on gravity mains where laterals connected to the main are encountered will include all mainline fittings and 4,6 or 8-inch lateral piping up to 5-feet. Total piping replaced, including the main and lateral is up to 15-feet.
 4. Point repairs to laterals will include a cleanout in keeping with the Cooper City Manual of Engineering Standards.

5. All point repairs will require a post video of the repair. The post video must show all newly installed pipe connections clearly and is to be done manhole to manhole in keeping with the section of these documents on Pipe Inspection. Still pictures of the surface restoration must be included. All video and pictures must be submitted with the pay request.
 6. Asphalt and concrete repair, if required, will be paid for as separate items.
- R. Sod replacement
1. Bid items will be paid for at the unit price bid and shall provide full compensation for each square yard of sod, in place. Payment will only be made if sodded areas are encountered within the "Limits of Construction" as described herein. Measurement and payment shall be the number of square yards actually removed and replaced within the limits of construction. All other replacement due to removal or damage as a result of the contractor's operation shall be at the contractor's expense.
 2. Payment for Sod Replacement will be made per square yard installed and accepted.
- S. Asphalt roadway replacement
1. Bid items will be paid for at the unit price bid and shall provide full compensation for each square yard of asphalt, in place. Payment will only be made if pavement areas are encountered within the "limits of construction" as described herein. Measurement and payment shall be the number of square yards actually removed and replaced within the limits of construction, including pavement and subgrade. All other replacement due to removal or damage as a result of the contractor's operation shall be at the contractor's expense.
 2. Payment for asphalt replacement will be made per square yard installed and accepted.
- T. Asphalt overlay
1. Bid items will be paid for at the unit price bid and shall provide full compensation for each square yard of asphalt, in place. Payment will only be made if pavement areas are encountered within the "limits of construction" as described herein. Measurement and payment shall be the number of square yard actually removed and replaced within the limits of construction. All other replacement due to removal or damage as a result of the contractor's operation shall be at the contractor's expense.
 2. Payment for asphalt overlay will be made per square yard installed and accepted.
- U. Concrete replacement
1. Bid items will be paid for at the unit price bid and shall provide full compensation for each square foot of concrete, in place. Payment will only be made if concrete areas are encountered within the "limits of construction" as described herein. Measurement and payment shall be the number of square yards actually removed and replaced within the limits of construction. All other replacement due to removal or damage as a result of the contractor's operation shall be at the contractor's expense.
 2. Payment for concrete Replacement will be made per square yard installed and accepted.

- V. Realign, grout and seal manhole casting
 - 1. Bid Items will be measured and paid for at the unit price per each manhole, regardless of size of frame and type of surface features which must be restored. Realignment may be horizontal, vertical, or both. Payment of the unit price per each will provide complete compensation for lifting, removing, cleaning and recoating the cast iron frame; removing and replacing the mortar bedding on the top of the manhole wall; reseating the frame in its correct position; patching as required; surface restoration; cleanup; labor, tools and equipment; and all incidentals as necessary to attain a water-tight junction between manhole wall and cast iron frame, complete in place.

- W. Install manhole chimney seal
 - 1. Bid Items will be measured and paid for at the unit price per each seal installed. Payment of the unit price per each will provide complete compensation for furnishing and installing manhole chimney seals, labor, tools, equipment and incidentals necessary for a complete in place, acceptable installation, with no leakage through or around the seal.

- X. Seal visible infiltration through manhole walls, bench and invert
 - 1. Bid Items will be measured and paid for at the unit price per each manhole, regardless of depth or size (or number and flow rate of visible leaks encountered). Payment shall be made per unit price per each for sealing or patching all visible leaks by injecting chemical grout; including dewatering (or other means acceptable to the owner) to relieve hydrostatic pressure outside the manhole.

- Y. Repair manhole bench and invert
 - 1. Bid Items will be measured and paid at the unit price of manhole invert repaired. Payment of the unit price will provide compensation for cleaning and patching the manhole bench and flow channels, isolation of the manhole by plugging entering lines, testing labor, tools and equipment and all incidentals and materials needed to restore the manhole bench and invert.

- Z. Replace manhole bench and invert
 - 1. Bid Items will be measured and paid at the unit price per each of manhole invert replaced. Payment of the unit price will provide compensation for cleaning; injecting chemical grout to stop active infiltration, if necessary; furnishing labor, equipment, and all materials or combination of materials applying them; removal and re-installing flow channel and benches; isolation of the manhole by plugging entering lines; testing labor, tools and equipment; and all incidentals necessary to obtain a watertight, sealed manhole bench and invert.

- AA. Replace standard manhole frame and cover
 - 1. Bid Items will be measured and paid for at the unit price per each, regardless of size. Payment of the unit price per each will provide compensation for furnishing and installing the new frame and cover; salvaging and transporting the location designated by the owner of all replaced cast iron materials; cutting, removal and replacement of surface materials as necessary; cleanup; labor, tools and equipment; and all incidentals necessary to obtain a new cast iron cover.

BB. Cementitious manhole liner

1. Bid Items will be measured and paid at the unit price per vertical foot of manhole wall. Measurement will be made from the bench, at its highest point, to the bottom of the frame. Payment of the unit price per vertical foot will provide compensation for cleaning of the wall; furnishing and supplying of all materials or combination of materials making up the cementitious lining, and; isolation of the manhole by plugging entering lines; testing labor, tools and equipment; and all incidentals necessary to obtain a watertight, sealed manhole wall and bench complete.

CC. Mainline cleaning and TV inspections

1. Bid Items will be measured and paid for at the unit price bid per foot (LF) of sewer cleaned and televised for inspection only. The unit price shall provide full compensation for all work required to perform television inspection of sanitary sewer including, but not limited to, furnishing all labor, equipment and material for cleaning, flow isolation, TV inspection, reports, disks, and all incidentals related to sewer inspection and reporting. The vireos, report and pictures, shall be acceptable to the owner or otherwise the contractor shall re-televiser the sewer line to the satisfaction of the owner.
2. Cleaning and TV inspection performed to prepare for a repair or to document a completed repair are **not considered separate pay items**. Costs for such cleaning and TV inspection shall be included in the contract unit cost for each particular repair.
3. TV inspections to document a completed excavated point repair are payable under this item. No other post video inspections are payable.

DD. Cleanout installation

1. Bid items will be measured and paid for at the unit price per each cleanout installed. Payment is for a complete cleanout installation in keeping with the Cooper City Manual of Engineering Standards for a complete in place new cleanout. Restoration items, sod, asphalt, concrete and brick pavers are to be included as a cost of the cleanout installation complete, in place.

EE. Cleanout installation beyond 5 VF

1. Bid items for cleanout installations greater than 5 feet in depth, payment will be made at the contract unit cost for each vertical foot below 5 feet excavated. The item should be adjusted to include the increase in surface restoration. This item shall be paid in addition to the contract unit cost for the first 5 feet of depth.

FF. Full cut existing lateral

1. Bid items will be measured and paid at the unit price per each lateral requiring full cutting that was undercut when originally installed. The laterals full cut under this item require trimming so that flow capacity is returned to a 100% opening.

GG. Protruding service connection removal

1. Bid items payment shall be at the unit price bid, per each protruding service connection removed with the advance concurrence of the owner. The payment is for trimming the protruding lateral flush with the barrel of the mainline pipe. The protruding lateral material may be VCP, PVC, CI, any material protruding is to be included in the bid item.

HH. Pipe grouting

1. Bid items will be measured and paid at the unit price per each lateral grouted to prepare for the installation of a liner. This item will only be paid once per lateral to seal the pipe prior to lining with the advance concurrence of the owner. Pipe grouting not authorized in writing by the owner shall be considered part of the routine installation operation and shall not be considered a separate pay item.
2. This item is not for grouting the lateral connection after reinstatement (see reinstate laterals).

II. Bypass pumping

1. Bid items shall provide full compensation for bypass pumping operations required for video or repair work. The contractor shall attempt to perform the sewer work without bypass pumping. However, if, in the opinion of the owner bypass pumping is necessary, it will be identified as a payment item. The pay item is a charge per each designated repair and will only be paid once per repair. For all bypass pumping operations during a specific sewer repair, including services, regardless of the number of pumps required. Bypass Pumping shall be bid on the basis of sewer size which is bypassed as shown on the bid form items.
2. Plugging, blocking the flow and all associated hoses to bypass a sewer line shall be included in the appropriate bid item for which the flow must be stopped, and shall be considered incidental work and no additional payment shall be considered.
3. This item can only be charged once per repair, regardless of the number of days the actual bypassing is setup.

JJ. Traffic control

1. Traffic control refers to the additional charge incurred for placing traffic control personnel or devices in County or DOT right-of-way. This does not cover the placement of standard traffic cones in non-DOT right-of-ways, which is included in the unit price for items under this contract. Payment is based on a unit price per each device or unit price per hour for personnel. Payment for these items will only be authorized with the approved MOT plans & drawings attached to the request for payment.
2. The contractor shall advise the owner in advance in the event that traffic control beyond standard traffic cones is deemed necessary.

- END OF SECTION -

REFERENCE STANDARDS

1.0 General

- A. Applicable Publications: Whenever these specifications reference published specifications, codes, standards, or other requirements, it shall be understood that wherever no date is specified, only the latest specifications, standards, or requirements of the respective issuing agencies which have been published as of the date of the opening of bids, shall apply.

2.0 REFERENCE SPECIFICATIONS, CODES, AND STANDARDS

- A. Without limiting the generality of other requirements of the specifications, all work specified herein shall conform to or exceed the requirements of all applicable codes and the applicable requirements of the following documents to the extent that the provisions of such documents are not in conflict with the requirements of these specifications nor the applicable codes.
- B. In case of conflict between codes, reference standards, drawings and the other contract documents, the most stringent requirements shall govern. All conflicts shall be brought to the attention of the owner for clarification and directions prior to ordering or providing any materials or labor. The contractor shall bid the most stringent requirements.
- C. Applicable Standard Specifications: The contractor shall construct the work specified herein in accordance with the requirements of the contract documents and the referenced standards, and specifications listed herein.
1. ASTM F 1216 Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube.
 2. ASTM F 2454 Standard Practice for Sealing Lateral Connections and lines from mainline Sewer Systems by the Lateral Packer Method, Using Chemical Grouting.
 3. ASTM F 2599 Standard Practice for The Sectional Repair of Damaged Pipe By Means of An Inverted Cured-In-Place Liner.
 4. ASTM F 2561 Standard Practice for Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One Piece Main and Lateral Cured-In-Place Liner.
- D. References herein to "OSHA Regulations for Construction" shall mean Title 29, Part 1926, Construction Safety and Health Regulations, Code of Federal Regulations (OSHA), including all changes and amendments thereto.
- E. References herein to "OSHA Standards" shall mean Title 29, Part 1910, Occupational Safety and Health Standards, Code of Federal Regulations (OSHA), including all changes and amendments thereto.

-END OF SECTION-

Documents and Submittals

1.01 Required Documents / Submittals

- A. This section specifies the means of documents and submittals. All submittals shall be submitted to the owner and approved prior to any construction activities or material orders. A general summary of the types of documents / submittals and the number of copies required is as follows:

<u>Copies to Owner</u>	<u>Type of Submittal</u>	<u>Frequency</u>	<u>Timing</u>	<u>Requirements</u>
4	Materials	Once	Post Award	No materials or products are to be installed until approved by owner.
4	Shop Drawings	Once	Post Award	No materials or products are to be installed until approved by owner..
4	Product Design Calculations	Once	Post Award	Design calculations are required for all CIP lining products prior to installation.
1	Schedules	Weekly	Post Award	Schedules updated weekly, 48 hour notice to homeowners prior to work.
1	Progress Estimates	Monthly	Post Award	Estimate completed by the 25 th for the work completed.
1	Contractor Qualifications	Bid Date	With Bid	There are contractor qualifications which are required to be submitted with the bid.
2	Warranties	Once	Closeout	Due at the project closeout.

- B. Documents and submittals are required throughout these specifications. The owner reserves the right to require the submittal of additional documentation to evaluate the technical suitability of proposed products as well as a bidder's qualifications and ability to satisfactorily perform the work outlined in these contract documents.

1.02 SUBMITTAL PROCEDURES

- A. Transmit the required submittals to the owner, clearly identifying the project and the contractor or sub-contractor. Identify variations from contract documents and product or system limitations which may be detrimental to successful performance of the completed work in conformance with these specifications. The contractor shall keep a submittal index of the submittals for quick reference by the owner; any resubmittals shall be noted as such and logged in the submittal index.

1.03 CONSTRUCTION SCHEDULE

- A. The dated construction schedule is to be distributed weekly to all parties identified by the owner. The contractor will be instructed at the pre-construction conference who should receive the schedule, the contractor shall be able to transmit the schedule by fax or email.
- B. Changes to the schedule shall be kept to a minimum; explanations of changes are to be expressed on the revised weekly schedule. The revised schedule shall be marked as such, with the date of the change.

- C. The contractor shall provide notification to the owner a minimum of 24 hours in advance of any schedule changes.

1.04 SCHEDULE OF VALUES

- A. The contractor shall submit a schedule of values for review within ten calendar days after the date of the notice to proceed. The schedule shall contain the total work value, work released value by release #, total project value, payment request value for each payment request, and all values are to be updated for progress meetings and payment requests during the construction period.
- B. The schedule shall be given in sufficient detail for the proper identification of work accomplished. The sum of all scheduled items shall equal the total value of the released work. Under no circumstances shall the contractor perform work in excess of an issued purchase order.
- C. No payment will be made for materials stored on the project site.

1.05 PROGRESS ESTIMATES

- A. Progress estimates shall be submitted monthly and must include the following items:
 - a. Updated schedule of values
 - b. Contractor invoice in balance with the schedule of values.
 - c. Videos, logs and reports of requested work.

1.06 SHOP DRAWINGS

- A. All shop drawings shall be submitted to the owner through the contractor. The contractor is responsible for obtaining shop drawings from his subcontractors and returning reviewed drawings to them. All drawings shall be clearly marked with the name of the project, owner, contractor, bid form item number to which the drawing applies. Drawings shall be suitably numbered and stamped by the contractor. Each shipment of drawings shall be accompanied by a letter of transmittal giving a list of the drawing numbers and the names mentioned above. A complete index shall be maintained by the contractor of all submittals and the status of each submittal. Only approved materials and methods will be constructed in complete accordance with the submitted shop drawings, methods and materials.
- B. Where manufacturer's publications in the form of catalogs, brochures, illustrations, or other data sheets are submitted in lieu of prepared shop drawings, such submission shall specifically indicate the particular item offered. Submissions showing only general information will not be accepted.
- C. When warranties are called for, a sample of the warranty shall be submitted with the shop drawings. The sample warranty shall be the same form that will be used for the actual warranty.
- D. No material or equipment shall be purchased, fabricated especially for this contract, or delivered to the project site until the required shop drawings have been submitted, processed and marked as approved. All materials and work involved in the construction shall be as represented by said drawings.

- E. The contractor shall not proceed with any portion of the work for which the design and details are dependent upon the design and details of equipment for which submittal review has not been completed.
- F. Only submittals which have been checked and corrected should be submitted to the contractor by his subcontractors and vendors. Prior to submitting shop drawings to the owner, the contractor shall check thoroughly all such drawings to satisfy himself that the subject matter thereof conforms to the drawings and specifications in all respects. Drawings which are correct shall be marked with the date, checker's name and indications of the contractor's approval, and then shall be submitted to the owner.
- G. The review of shop drawings will be general and shall not relieve the contractor of the responsibility for details of design, dimensions, etc., necessary for proper fitting and construction of the work required by the contract and for achieving the specified performance standards expressed in the documents.
- H. For submissions containing departures from the contract documents, the contractor shall include proper explanation in his letter of transmittal. Should the contractor submit for review equipment that requires modifications to the structures, piping, layout, etc. detailed on the drawings, he shall also submit for review details of the proposed modifications. If such equipment and modifications are accepted, the contractor, at no additional cost to the owner, shall do all work necessary to make such modifications. A reduction in costs associated with a change in methods or materials will be to the complete benefit of the owner.
- I. Whenever a particular brand or make of material, equipment, or other item is specified, indicated on the drawings or referenced by ASTM designation, it is for the purpose of establishing a standard of minimum quality, design, and type requested in the bid form. Contractor shall bid with the specified materials. Any other brand or make which, in the opinion of the owner, is equivalent to that specified or indicated herein, may be offered as a substitute subject to the following provisions. Any requested substitutions or deviations from the specifications will be accompanied by the cost deviation. Any cost saving will accrue to the benefit of the owner:
 - 1. Contractor shall submit for each proposed substitution sufficient details, complete descriptive literature, and performance data together with samples of the materials, where feasible, to enable the owner to determine if the proposed substitution is equal in all respects.
 - 2. Contractor shall submit certified tests, by an independent laboratory attesting that the proposed substitution is equal in all respects.
 - 3. Where the acceptance of a substitution requires revision or redesign of any part of the work, all such revision and redesign, and all new drawings and details required therefore, shall be provided by the contractor at his own cost and expense, and shall be subject to review of the owner.
 - 4. In all cases the owner shall be the sole judge as to whether a proposed substitution is to be accepted. The contractor shall abide by the owner's decision when proposed substitute items are judged to be unacceptable and shall in such instances furnish the item, or substitute, as specified. No substitute items shall be used in the work without written acceptance of the owner, and approved shop drawings.

5. Acceptance of any proposed substitution shall in no way release the contractor from any warranties or the provisions of the contract documents.

1.07 PRODUCT SAMPLES

- A. Contractor shall furnish for review all product samples as required by the contract documents or requested by the owner to determine compliance with the specifications.
- B. Samples shall be of sufficient size or quantity to clearly illustrate the quality, type, range of color, finish or texture and shall be properly labeled to show complete project identification, the nature of the material, trade name of manufacturer and location of the work where the material represented by the sample will be used.
- C. Samples shall be checked by the contractor for conformance to the contract documents before being submitted to the owner and shall bear the contractor's stamp certifying that they have been so checked. Transportation charges on samples submitted to the owner shall be prepaid by the contractor.
- D. Owner's review will be for compliance with the contract documents, and his comments will be transmitted to the contractor with reasonable promptness.
- E. Acceptable samples will establish the standards by which the completed work will be judged.

1.09 WARRANTIES

- A. Original warranties, called for in the contract documents, shall be submitted to the owner.
- B. When warranties are requested, a sample of the warranty to be provided shall be submitted with, and considered part of, the shop drawings.
- C. The contractor shall warrant to the owner that all methods and materials used in the construction are covered by his warrantee for a **minimum of a five year period** upon approval and acceptance by the owner. The contractor shall replace or repair defects at no cost to the owner during the warrantee period to like new condition. No visible leakage shall be allowed during the warrantee period.

- END OF SECTION -

QUALITY CONTROL

1.01 QUALITY ASSURANCE

- A. Quality: All materials shall be new and correctly designed. They shall be standard first-grade quality produced by expert workmen and be intended for the use for which they are offered. Materials which, in the opinion of the owner, are inferior or of a lower grade than indicated or do not meet the specified standards required will not be acceptable.
- B. Compatibility of Options: Where more than one choice is available as option for contractor's selection of a product, material, or equipment, the contractor shall select an option which is compatible with other products and materials already selected. Compatibility is a basic general requirement of product/material selections. The contractor is particularly directed to the joining of unlike materials to form a sealed system to eliminate the possibility of continued system leakage. Leakage is a big concern and one objective for the project.

1.02 PRODUCT EVALUATION

- A. The owner may employ and pay for the services of an independent testing laboratory for specified testing as specified by the owner. Sample collection will be at the expense of the contractor.
- B. The work or actions of the testing laboratory shall in no way relieve the contractor of his obligations under the contract. The laboratory testing work will include such inspections and testing required by the contract documents, existing laws, codes, ordinances, etc. The testing laboratory will have no authority to change the requirements of the contract documents, nor perform, accept or approve any of the contractor's work.
- C. The owner will bear the cost of all tests, evaluation, or investigations undertaken by the order of the owner for the purpose of determining conformance with the contract documents if such tests, evaluation, or investigations are not specifically required by the contract documents, and if conformance is ascertained thereby. Whenever nonconformance is determined by the owner as a result of such tests, evaluation, or investigations, the contractor shall bear the full cost of any additional tests, evaluations and investigations, which are ordered by the owner to ascertain subsequent conformance with the contract documents.

1.03 EVALUATION AT PLACE OF MANUFACTURE

- A. Unless otherwise specified, all products and materials shall be subject to evaluation by the owner at the place of manufacture.
- B. The presence of the owner at the place of manufacture however, shall not relieve the contractor of the responsibility for furnishing products, materials, and equipment, which comply with all requirements of the contract documents. Compliance is a duty of the contractor, and said duty shall not be avoided by any act or omission on the part of the owner.

1.04 SAMPLING AND TESTING

- A. Unless otherwise specified, all sampling and testing shall be in accordance with the methods prescribed in the current standards of the ASTM, or other referenced standards, as applicable to the class and nature of the article or materials considered; however, the owner reserves the right to use any generally-accepted system of sampling and testing which, in the opinion of the owner will insure the owner that the quality of the workmanship is in full accord with the contract documents.
- B. In addition to any other evaluation, observation or quality assurance provisions that may be specified, the owner shall have the right to independently select, test, and analyze, at the expense of the owner, additional test specimens or any or all of the materials to be used. Results of such tests and analyses shall be considered along with the tests or analyses made by the contractor to determine compliance with the applicable specifications for the materials so tested or analyzed; provided, however, that where testing or investigation by the owner reveals failure to meet the requirements of the contract documents, all costs of such independent inspection and investigation, and all costs of removal, correction, and reconstruction or repair of any such work shall be borne by the contractor.

1.05 SITE INVESTIGATION AND CONTROL

- A. The contractor shall verify all dimensions in the field and shall check field conditions continuously during construction. The contractor shall be solely responsible for any inaccuracies built into the work due to its failure to comply with the requirements in the specifications.
- B. The contractor shall inspect related and appurtenant work and shall report in writing to the owner any conditions which will prevent proper completion of the work. Failure to report any such conditions shall constitute acceptance of all site conditions, and any required removal, repair, or replacement caused by unsuitable conditions shall be performed by the contractor at its sole cost and expense.

1.06 RIGHT OF REJECTION

- A. The owner shall have the right, at all times and places, to reject any articles or materials to be furnished hereunder which, in any respect, fail to meet the requirements of the contract documents, regardless of whether the defects in such articles or materials are detected at the point of manufacture or after completion of the work at the site. If the owner, through an oversight or otherwise, has accepted materials or work which is defective or which is contrary to the contract documents, such materials, no matter in what stage or condition of manufacture, delivery, or erection, may be subsequently rejected by the owner.

1.07 WATERTIGHTNESS OF STRUCTURES

- A. It is the intent of these specifications that all CIPP work, concrete work, sealing work around built-in items and penetrations be performed as required to ensure that groundwater and/or rainwater will not leak into any repaired collection line, service lateral, or manhole.
- B. The required water tightness shall be achieved by quality construction and proper sealing of all pipe ends, all piping, lateral connections, and manhole connections. Specifically, the contractor will be required to document that all CIP liner ends, mains, laterals, and lateral reinstatements are properly sealed in keeping with these specifications.

- C. The contractor shall provide at its own expense all labor, material, temporary bulkheads, pumps, water, measuring devices, etc., necessary to perform the required tests.

1.08 OBSERVATION OF THE WORK

- A. The work shall be conducted under the general observation of the owner and shall be subject to observation by representatives of the owner. The presence of the owner or any observer, however, shall not relieve the contractor of the responsibility for the proper execution of the work in accordance with all requirements of the contract documents.
- B. All materials and articles furnished by the contractor shall be subject to rigid inspection, and no materials or articles shall be used in the work until they have been inspected and accepted by the owner or its representative.

- END OF SECTION -

SITE ACCESS AND STORAGE

1.01 SITE ACCESS

- A. The contractor shall make its own investigation of the condition of available public and private roads and of clearances, restrictions, bridge load limits, and other limitations affecting transportation and ingress and egress to the site of the work.

1.02 TEMPORARY CROSSINGS

- A. Street Use: No street shall be closed to the public without first obtaining permission of the owner and proper governmental authority. Where excavation is being performed in primary streets or highways, one lane in each direction shall be kept open to traffic at all times unless otherwise provided or shown. Fire hydrants on or adjacent to the work shall be kept accessible to fire-fighting equipment at all times.
- B. Traffic Control: For the protection of traffic in public or private streets and ways, the contractor shall provide, place, and maintain all necessary barricades, traffic cones, warning signs, lights, and other safety devices.
 - 1. The contractor shall take all necessary precautions for the protection of the work and the safety of the public. All barricades and obstructions shall be illuminated at night, and all lights shall be kept burning from sunset until sunrise. The contractor shall station such guards or flaggers and shall conform to such special safety regulations relating to traffic control as may be required by the public authorities within their respective jurisdictions.
 - 2. The contractor shall remove traffic control devices when no longer needed, repair all damage caused by installation of the devices.
- C. Temporary Street Closure: If closure of any street is required during construction, a formal application for a street closure shall be made to the authority having jurisdiction, prior to the required street closure in order to determine necessary sign and detour requirements. Costs for drawings, permits or related items are at the contractor's expense.
- D. Temporary Driveway Closure: The contractor shall notify the owner or occupant (if not owner-occupied) of the closure of the driveways to be closed more than one eight-hour work day, at least three working days prior to the closure. The contractor shall minimize the inconvenience and minimize the time period that the driveways will be closed. The contractor shall fully explain to the owner/occupant how long the work will take and when closure is to start.

1.03 STORAGE

- A. The contractor shall store his equipment and materials at the contractor's base of operations in accordance with the manufacturer's recommendations and as indicated by the owner. No storage facility is provided by the owner.

- END OF SECTION -

PROJECT CLOSEOUT

1.01 FINAL CLEANUP

- A. The contractor shall promptly remove from the vicinity of the completed Work, all rubbish, unused materials, concrete forms, construction equipment, temporary structures and facilities, construction signs, tools, scaffolding, materials, supplies and equipment which may have been used in the performance of the work. The contractor shall broom clean paved surfaces and rake clean other surfaces of grounds. Final acceptance of the work by the owner will be withheld until the contractor and any sub-contractors have satisfactorily complied with the foregoing requirements for final cleanup of the project site.
- B. The contractor shall thoroughly clean all materials, equipment and structures; all marred surfaces shall be touched up to match adjacent surfaces.

1.03 FINAL SUBMITTALS

- A. Before the final acceptance of the project, the contractor shall submit to the owner certain records, certifications, etc., which are specified elsewhere in the contract documents. Missing, incomplete or unacceptable items, as determined by the owner, shall constitute grounds for withholding final payment to the contractor. A partial list of such items appears below, but it shall be the contractor's responsibility to submit any other items which are required in the contract documents:
 - 1. Written Test results of project components.
 - 2. Written guarantees, where required in these documents.
 - 3. Certificates of inspection and acceptance by local governing agencies having jurisdiction.
 - 4. In an electronic format acceptable to the owner, the contractor is to provide the following, all digital video recordings (pre & post videos, still pictures and tv logs). In addition, all CIPP installation logs (processing), pictures of completed work such as manholes, point repairs, or cleanouts and all invoices (balanced to the spreadsheet).
 - 5. CIPP lining tabulation showing the liner thicknesses installed (mm) on the project. The tabulation must show all mains, sectionals and laterals, laterals must include the lateral connection thickness. This will be checked against the submitted design calculations submitted for the project.
 - 6. Pre-construction photos and post construction photos of excavations done.
 - 7. Releases from all parties who are entitled to claims against the subject project, property, or improvement pursuant to the provisions of law.

1.04 PUNCH LISTS

- A. The owner will make his final inspection whenever the contractor has notified the owner that the work is ready for the inspection. Any work not found acceptable and requiring repair and/or replacement will be noted on the "Punch" list. Work that has been inspected and accepted by the owner shall be maintained by the contractor, until final acceptance of the entire project.
- B. Whenever the contractor has completed the items on the punch list, he shall again notify the owner that it is ready for final inspection. This procedure will continue until the entire project is accepted by the owner. The "Final Payment" will not be processed until the entire project has been accepted by the owner and all of the requirements in previous Article 1.03 "Final Submittals" have been satisfied.

- END OF SECTION -

ASPHALTIC CONCRETE PAVEMENT

1.01 SCOPE

- A. Construct asphaltic concrete pavement in accordance with the lines, grades and typical sections to restore surface to original condition or better, specified herein and as required for a complete installation.

1.02 REFERENCE SPECIFICATIONS, CODES, AND STANDARDS

- A. DOT Specifications: The phrase, "DOT Specification", shall refer to the Florida Department of Transportation Standard Specifications for Road and Bridge Construction. The DOT specifications, are referred to herein and are hereby made a part of this contract to the extent of such references, and shall be as binding upon the contract as though reproduced herein in their entirety.

DOT 160	Stabilizing
DOT 200	Limerock Base
DOT 300	Prime and Tack Coats for Base Courses
DOT 320	Hot Bituminous Mixtures - Plant Methods and Equipment
DOT 330	Hot Bituminous Mixtures - General Construction Requirements
DOT 331	Type S Asphaltic Concrete
DOT 337	Asphaltic Concrete Friction Courses
DOT 902	Fine Aggregate
DOT 911	Limerock Material for Base and Stabilized Base
DOT 916	Bituminous Materials

PART 3 -- EXECUTION

3.01 PAVEMENT REMOVAL AND REPLACEMENT

- A. General: All existing utility castings, including valves boxes, junction boxes, manholes, handholes, pull boxes, inlets and similar structures in the areas of trench restoration and pavement replacement shall be adjusted by the contractor to bring them flush with the surface of the finished work, at no additional cost to the owner.
- B. The contractor shall be responsible for the protection from damage from his construction operations, all pavements, including all limerock base courses and asphaltic surface courses, within the work area. Any base course or surface course, damaged as a result of the contractor's operation, shall be restored to the satisfaction of the owner, and to the satisfaction of the governing authority having jurisdiction over the work area at no additional cost to the owner. In order to protect himself from being held liable for any existing damaged pavement, including detour routes, the contractor is advised to notify, in writing, the authority having jurisdiction over the street where such defective pavement exists prior to proceeding with any work in the vicinity. A copy of all such notices shall be forwarded to the owner.
- C. Wherever the line of the nominal repaving for trenches extends to within two feet of the edge of the existing paving, the contractor shall repave to this edge.

- D. Permanent pavement repair shall be as directed by the owner, with edges straight and parallel and patches rectangular in plan.
- E. Temporary Paving: The temporary pavement shall be maintained by the contractor in a condition satisfactory to the owner until its removal. Removal shall include any surplus backfill material. The removed temporary pavement and surplus backfill material shall be properly disposed of by the contractor, at his expense.
- F. No payment shall be made for temporary paving work. The cost for such work shall be considered incidental to pipeline construction and included in the bid prices for the respective pipe payment items.

3.04 PAVEMENT REPAIR

- A. All damage to pavement as a result of work under this contract shall be repaired in a manner satisfactory to the owner and at no additional cost to the owner other than the specific payment item. The repair shall include the preparation of the subgrade, the placing and compacting of the limerock base, the priming of the base, the placing and maintaining of the surface treatment, all as specified herein.
- B. The width of all repairs shall extend at least 12 inches beyond the limit of the damage. The edge of the pavement to be left in place shall be cut to a true edge with a saw or other method acceptable to the owner so as to provide a clean edge to abut the repair. The line of the repair shall be reasonably uniform with no unnecessary irregularities.

- END OF SECTION -

CONCRETE

1.01 SCOPE

- A. Removed or damaged concrete pavement, curbs and sidewalks, and other improvements shall be reconstructed as new to existing lines and grades and dimensions. Where pavement, curbs, and sidewalks are partially damaged on private property, the contractor shall fully reconstruct the structure in-kind to provide an entirely new structure.

1.01 CONCRETE

- A. Concrete shall be Class B, unless noted or specified otherwise.

1.02 SUBGRADE CONDITION

- A. The finished subgrade shall be maintained in a smooth, compact condition and any areas which are disturbed prior to placing of the concrete shall be restored at no additional cost to the Owner.
- B. The subgrade shall be moist at the time the concrete is placed. Water shall be uniformly applied ahead of the paving operations as directed by the owner. If the contractor does not maintain the subgrade in the required moist condition, a polyethylene sheet vapor barrier will be required between the subgrade and the concrete.

1.03 SETTING FORMS

- A. The forms shall be accurately set to line and grade and such that they rest firmly, throughout their entire length upon the compacted subgrade surface. Forms shall be joined neatly and tightly and braced to test the pressure of the concrete and the finishing operations. The alignment and grade of all forms shall be approved before and immediately prior to the placing of concrete.

1.04 PLACING CONCRETE

- A. The concrete shall be distributed on the subgrade to such depth, that, when it is consolidated and finished, the slab thickness required by the Drawings will be obtained at all points and the surface will at no point be below the grade specified for the finished surface, after application of the allowable tolerance. The concrete shall be deposited on the subgrade in a manner which will require as little rehandling as possible.
- B. Fabric reinforcement shall be placed at mid slab depth, and the fabric shall be maintained at this location during the placing and finishing operations.
- C. Concrete shall be thoroughly consolidated against and along the faces of all forms, by means of hand-operated, spud-type vibrators. Vibration at any one location shall not continue so long as to produce puddling or the accumulation of excessive grout on the surface. In no case shall the vibrator be operated longer than 15 seconds in any one location.

1.06 FINAL FINISH

- A. As soon as the water sheen has disappeared from the surface of the pavement and just before the concrete becomes nonplastic, a light broom finish shall be given to the surface.

Scored Joints: Scored joints shall be either formed or sawed at 5-foot intervals and shall extend to a depth of at least one fourth of the sidewalk slab thickness.

1.08 SIDEWALK CONSTRUCTION

- A. The contractor shall furnish a template and shall thoroughly check the subgrade prior to depositing concrete. Sidewalks shall be given a light broom finish, as is to match existing finishes.

1.09 PAVEMENT CURB AND SIDEWALK REPAIR

- A. All damage to pavement, curb or sidewalk as a result of work under this Contract shall be repaired in a manner satisfactory to the owner and at no additional cost to the owner. The repair shall include all work as specified herein.
- B. The width of all repairs shall extend at least 12 inches beyond the limit of the damage. The edge of the pavement curb or sidewalk to be left in place shall be cut to a true edge with a saw or other approved method so as to provide a clean edge to abut the repair. The line of the repair shall be reasonably uniform with no unnecessary irregularities.

- END OF SECTION -

WASTEWATER FLOW CONTROL

1.01 SCOPE OF WORK

- A. The work specified in this section includes all labor, materials, accessories, equipment and tools for performing all operations required to bypass pump sewage around a manhole or sewer section in which work is to be performed. The contractor shall be prepared to bypass pump sewage as a part of his operations.
- B. The contractor shall provide all pumps, piping, and other equipment to accomplish this task; perform all construction; obtain all permits; pay all costs; and perform complete restoration of all existing facilities to equal or better condition to the satisfaction of the owner.

1.02 GENERAL

- A. When sewer line flows at the upstream manhole of the line being repaired are above the maximum allowable requirements for television survey, or do not allow the proper sewer or manhole repair, the flows shall be reduced to the levels indicated by one of the following methods: manual operation of pumping stations by owner forces, by the contractor plugging/blocking of the flows, or by the contractor pumping/bypassing of the flows as acceptable to the owner.
- B. For the initial television survey, before and after any repair with the exception of joint testing and sealing, the sewer line shall be blocked completely. No flow, except infiltration/inflow, will be allowed through the respective sewer line being televised on the pre-repair television survey, and the post-repair television survey.
- C. For all other television surveys, including warranty surveys and joint testing and sealing operations, the depth of flow within the sewer shall not block the camera inspection.
- D. When sewer line flows at the upstream manhole of the line being repaired, in the opinion of the owner, are too excessive to plug while the rehabilitation is being performed, the contractor shall submit a written plan and pump/bypass the flow as acceptable to the owner.

1.03 SUBMITTALS

- A. The contractor shall submit complete, detailed plans for this aspect of the work to the owner for review.

1.04 PUMPING AND BYPASSING

- A. When pumping/bypassing is required, as determined by the owner, the contractor will supply the necessary pumps, conduits and other equipment to divert the flow of sewage around the manhole section in which work is to be performed. The bypass system shall be of sufficient capacity to handle existing flows plus additional flow that may occur during periods of rain storms. The contractor will be responsible for furnishing the necessary labor and supervision to set up and operate the pumping and bypassing system. A "setup" consists of the necessary pumps, conduits and other equipment to divert the flow of sewage around a manhole section, from the start to finish of work performed in the manhole section.
- B. Pumps and equipment shall be continuously monitored by the contractor.

1. Pumps. Any sump pumps, bypass pumps, trash pumps or any other type pump which pulls sewage/water or any type of material out of the manhole or sewer shall discharge this material into another manhole, or appropriate vehicle or container acceptable to the owner. Under no circumstances shall this material be discharged, stored or deposited on the ground, swale, road or open environment.
2. Traffic Control. The contractor shall take appropriate steps to ensure that all pumps, piping and hoses that carry raw sewage are protected from traffic. Traffic control shall be performed by the contractor.

- END OF SECTION -

PREPARATORY CLEANING AND ROOT REMOVAL

1.01 SCOPE

- A. This Section covers the preparatory cleaning of sewer lines and manholes as needed prior to the internal survey of the sewer lines by closed-circuit television. It also covers the preparatory cleaning and root removal of sewer lines and the cleaning of manholes prior to rehabilitation. The contractor shall furnish all necessary material, labor, equipment and services required for cleaning the specific sewer lines.
- B. Sewer Line Cleaning. The intent of sewer line cleaning is to remove foreign materials from the lines and restore the sewer to a minimum of 95% of the original carrying capacity or as required for proper seating of internal pipe joint sealing packers or performance of other specified work. It is recognized that there are some conditions such as broken pipe and major blockages that prevent cleaning from being accomplished or where additional damage would result if cleaning were attempted or continued. Should such conditions be encountered, the contractor will not be required to clean those specific sewer sections. If, in the course of normal cleaning operations, damage does result from preexisting and unforeseen conditions such as broken pipe, the contractor will not be held responsible.
- C. The designated sewer sections shall be cleaned using hydraulically propelled, high-velocity jet, or mechanically powered equipment. The equipment shall dislodge, transport and remove all sludge, mud, sand, gravel, rocks, bricks, grease, roots, sticks, and all other debris from the interior of the sewer pipe and manholes. The equipment and methods selected shall be based on the conditions of lines and manholes at the time the work commences and shall be satisfactory to the owner. If cleaning of an entire section cannot be successfully performed from one manhole, the equipment shall be set up on the other manhole and cleaning again attempted. If, again, successful cleaning cannot be performed or the equipment fails to traverse the entire manhole section, the cleaning effort shall be stopped and sufficient inspection performed so that the owner can be notified of the reason for inability to continue.
- D. During all cleaning and preparation operations all necessary precautions shall be taken to protect the sewer from damage. During these operations, precautions shall also be taken to insure that no damage is caused to public or private property adjacent to or served by the sewer or its branches.
- E. Satisfactory precautions shall be taken in the use of cleaning equipment. When hydraulically propelled cleaning tools (which depend upon water pressure to provide their cleaning force) or tools which retard the flow in the sewer line are used, precautions shall be taken to insure that the water pressure created does not damage or cause flooding of public or private property being served by the sewer. When possible, the flow of sewage in the sewer shall be utilized to provide the necessary pressure for hydraulic cleaning devices. The contractor shall employ operational hydrant meters to be obtained from the owner, and shall obtain water only from the owner's hydrants. No fire hydrant shall be obstructed in case of a fire in the area served by the hydrant.

3.03 MATERIAL REMOVAL

- A. All sludge, dirt, sand, rocks, grease, roots, and other solid or semisolid material resulting from the cleaning operation shall be removed at the downstream manhole of the section being cleaned. Passing material from manhole section to manhole section, which could cause line stoppages, accumulations of sand in wet wells, or damage pumping equipment, shall not be permitted.
- B. Under no circumstances shall sludge or other debris removed during these operations be dumped or spilled into the streets, ditches, storm drains or other sanitary sewers. The contractor shall remove from the site and properly dispose of all solids or semi-solids recovered during the cleaning operation. The contractor shall obtain permits and make arrangements as required to properly dispose of solids.
- C. The contractor is advised that he shall not dispose of this material by legal or illegal dumping on private or public property, by sale to others, or any means other than those given above.
- D. The general requirements for vehicles hauling such waste materials are as follows: Transport vehicles must be of type(s) approved for this application by the political jurisdictions involved. General requirements are that the vehicles have watertight bodies, that they be properly equipped and fitted with seals and covers to prohibit material spillage or drainage, and that they be cleaned as often as is necessary to prevent deposit of material on roadways. Vehicles must be loaded within legal weight limits and operated safely within all traffic and speed regulations.
- E. The routes used by the contractor for the conveyance of this material on a regular basis shall be subject to approval by the governing authority having jurisdiction over such routes.
- F. All solids or semisolids resulting from the cleaning operations shall be removed from the site and disposed of by the contractor in a legal and sanitary manner as approved by appropriate authorities, at the contractor's cost. Copies of records of all disposal shall be furnished to the owner, indicating disposal site, date, amount and a brief description of material disposed. All materials shall be removed from the site no less often than at the end of each workday.

3.05 ROOT REMOVAL

- A. Roots shall be removed in the designated sections and manholes where root intrusion is indicated on the work order. Special attention should be exercised during the cleaning operation to assure almost complete removal of roots from the joints. Any roots which could prevent the proper survey or rehabilitation shall be removed. Procedures may include the use of mechanical equipment such as rodding machines, bucket machines and winches using root cutters and porcupines, and equipment such as high-velocity jet cleaners.

3.06 ACCEPTANCE OF CLEANING OPERATION

- A. Acceptance of sewer line cleaning shall be made upon the successful completion of the television survey and shall be to the satisfaction of the owner. Liner installation shall not be initiated until the owner has reviewed the post-cleaning television survey tapes and has accepted the cleaning. If television survey shows the cleaning to be unsatisfactory, the contractor shall be required to reclean and reinspect the sewer line until the cleaning is shown to be satisfactory.

- B. In the event that special cleaning involving the mechanical removal of roots, grease, and/or tuberculation has been authorized, acceptance of sewer line cleaning shall be made upon the successful completion of the post-cleaning television survey and shall be to the satisfaction of the owner. Liner installation shall not be initiated until the owner has reviewed the post-cleaning television surveys and has accepted the cleaning.

- C. In addition, on all those lines which have sags or dips, to an extent that the television camera lens becomes submerged for three (3) or more feet during the television inspection, the contractor shall pull down the water, or draft the water by means of high-velocity jet cleaners. Water removal shall be performed until the television camera lens will no longer submerged. This requirement may be waived by the owner if the water in which the camera lens is submerged, is clear enough to allow the identification of pipe defects, cracks, holes and location of service taps.

- END OF SECTION -

PIPE INSPECTION (MAINS AND LATERALS)

1.01 SCOPE

- A. The work consists of furnishing all labor, materials, accessories, equipment, tools, transportation, services and technical competence for performing all operations required to execute the survey to inspect the entire barrel of main line sewers, the pipe connections to the manholes, the lateral connections, and lateral piping using pan and tilt cameras for both mains and laterals.
- B. The survey shall show all defects and determine amount of infiltration entering the sewer system.

1.02 GENERAL

- A. After Preparatory Cleaning (including special cleaning involving the mechanical removal of roots, grease, and/or tuberculation where authorized), and before and after rehabilitation work, the pipe sections shall be visually surveyed by means of closed-circuit television, the owner may be present at the inspections. The survey shall be performed one manhole-to-manhole section or one lateral at a time and the flow in the section being surveyed shall be suitably controlled to allow for a complete quality view of the interior of the piping.
- B. Pre videos are those videos that the owner has requested of the contractor to video. Post construction videos are those videos taken after a repair. All videos in PACP, LACP formats and the associated reports are to be submitted, in color, indexed and tabulated to the owner. Only pre videos as described above will be payable, all other videos (such as work videos, post videos) are to be included with the respective rehabilitation items in the bid form.
- C. All inspection information furnished by the contractor shall be written to digital media and shall be submitted in printed hard copy and electronic data format utilizing WinCan™ V8. The WinCan™ software shall support the NASSCO PACP and LACP coding. The records shall include, but not be limited to the following for mains and laterals: graphic inspection reports, still pictures as requested, above ground pictures of sonde locations, and infiltration reports. Main and lateral reports will at a minimum be required to have the following tabulated in a spreadsheet format acceptable to the owner: Lift station number, manhole numbers, main footage, lateral location on the main footage, lateral count on the run, pipe sizes for all piping surveyed (mains and laterals), notation whether a cleanout is visible, lined or unlined pipe, house address (with lateral survey), LF surveyed, and the contractor comments on suggested rehabilitation required. All the reports, videos and suggestions are to be tabulated and turned in for the city to review.

1.04 EQUIPMENT

- A. The television cameras used for the surveys shall be specifically designed and constructed for the surveys and shall be of the pan and tilt type. Lighting for the camera shall be suitable to allow a clear picture of the entire periphery of the pipe. The camera shall be operative in 100% humidity conditions. The camera, television monitor, and other components of the video system shall be capable of producing a minimum 700-line resolution color video picture. The contractor shall maintain camera in clear focus at all times. Picture quality and definition shall be to the satisfaction of the owner; and if unsatisfactory, equipment shall be removed and replaced with adequate equipment at no additional cost to the owner.

- B. The video camera shall include a titler feature capable of showing on the tape the following information:
1. City and State
 2. Date/Time
 3. Contractor's Name
 4. Line Size, Material, and Depth
 5. Manhole Identification (both manholes)
 6. On-going Footage Counter

1.05 SUBMITTALS

- A. The contractor shall submit shop drawings and other information. The contractor's submittals shall include sample spreadsheet tabulation, sample video & reports for mains and laterals. No video surveys will take place until submittals are approved by the owner. The approved submittals will become the benchmark for all future video acceptance and or rejection. Rejected work will be redone at no additional cost to the owner.

PART 3 -- EXECUTION

3.01 PRECONSTRUCTION SURVEY

A. Procedure

1. Prior to any repair work, the entire sewer line (from manhole to manhole) shall be televised. The camera shall be placed at the center of the manhole and videotaping shall commence prior to entering the pipe. The contractor shall show the inside of the manhole walls and the pipe connection to the wall at both the upstream and downstream manhole connections (ends of the pipe).
2. The camera shall be moved through the line in either direction at a moderate rate, stopping when necessary to permit proper documentation of the sewer's condition. In no case shall the television camera be pulled at a speed greater than 30 feet per minute. Manual winches, power winches, TV cable, powered rewinds and tractors or other devices that do not obstruct the camera view or interfere with proper documentation of the sewer conditions shall be used to move the camera through the sewer line. If the camera is being pulled through the sewer line by a hydraulic cleaning unit hose the cleaning nozzle shall be located a minimum of eight (8) feet away from the camera to allow a clear, unobstructed view. Jet nozzle shall be used in front of camera while televising through a dip to draft out water. If, during the survey operation, the television camera will not pass through the entire manhole section, the contractor shall set up his equipment so that the survey can be performed from the opposite manhole no additional payment for this setup will be made.
3. Measurement for location of defects shall be above ground by means of a meter device. Marking on the cable, or the like, which would require interpolation for depth of manhole, will not be allowed. Measurement meters shall be accurate to tenths of a foot over the length of the section being surveyed. Accuracy of the distance meter shall be checked by use of a walking meter, roll-a-tape, electronic distance meter or other suitable device. Manhole numbers and linear footage shall be shown on screen during the video survey.
4. Movement of the television camera shall be temporarily halted for a minimum of five seconds at each visible point source of infiltration and/or inflow until the leakage rate from that source is quantified. The camera shall be stopped at all service connections and the service lateral

shall be inspected with the pan and tilt camera and look up the lateral and at the entire main / lateral connection. The camera shall also be stopped at active service connections where flow is discharging. If the discharge persists, the property involved shall be checked to determine whether or not the discharge is sewage. If no flows are being discharged from the building, it shall be considered that the observed flow is infiltration/inflow.

B. Field Documentation

1. Television Inspection Forms (Survey Logs). Printed and electronically stored location records shall be kept by the contractor and will clearly show the location in relation to an adjacent manhole of each infiltration point observed during survey. Upstream footage at face of manhole (0) and downstream footage at face of manhole (e.g., 250) shall be shown on the log. The television inspection forms to be utilized by the contractor shall be those mandated by NASSCO's PACP and LACP. Both the "Header" and "Details" information of the form shall be entered as indicated in the PACP standards. The survey logs shall include, but not be limited to the following information:
 - a. Correct pipe segment/manhole numbers
 - b. Correct address of manhole location
 - c. Pipe size, length and material
 - d. Manhole depth (up and downstream)
 - e. Lift station service area number
 - f. Video number and index
 - g. Footage locations, descriptions and estimated leak rates for visible point sources of infiltration inflow.
 - h. Footage locations and descriptions of structural defects such as obstructions, any remaining root intrusion, offset joints, cracked pipe, fractured pipe, holes, collapses, sags, protruding service connections and/or blockages in the pipe.

The terminology to be used shall follow NASSCO's PACP and LACP standards. All information will be recorded and a copy of such electronic records and a hard copy will be supplied to the owner, indexed and tabulated.

2. Photographs: Digital photographs of the video shall be taken by the contractor upon request of the owner and included in the digital WinCan report. Photographs will include, pipe defects, manhole connections, lateral connections, property line cleanouts, or property line sonde locates. Above ground pictures of any sonde locates are to be included in the reports.
3. Locating: Sonde locating is required as part of the TV survey for mains and laterals, to locate any point repairs that are necessary and to locate lateral piping or existing cleanouts from within the main and lateral piping.
4. Video Recordings: The purpose of video recording shall be to supply a visual and audio record of problem areas of the lines that may be replayed. Recording playback shall be at the same speed that it was recorded. Slow motion or stop motion playback features shall be supplied by the contractor. Once recorded, the video and reports become property of the owner. The contractor shall have all video and necessary playback equipment readily accessible for review by the owner during the project.

Videos displaying poor video quality will be deemed unacceptable and no payments will be made until lines are retelevised and a new video is submitted. Poor quality refers to, but is

not limited to, the following: grease or debris on the lens, camera under water, picture too dark, excessive camera speed through the line, lines improperly cleaned, poor/no audio, etc.

5. Audio. All video shall have audio record. As a preamble, at the beginning of the video, the contractor shall state the following: "(Contractor's Name) is performing a pre/post TV survey for Job No. _____ (provided by the owner)". State date, time, operator's name, area, upstream manhole number to downstream manhole number, pipe size and material, upstream manhole depth, and TV survey will be from up- to downstream, or down- to upstream. The contractor shall verbally state station and position of all laterals and defects. At the end of each line, state: "End of line", upstream manhole number to downstream manhole number, and total linear footage.

3.02 POST CONSTRUCTION SURVEY

A. Procedure

1. The same procedures shall be used as indicated in PRECONSTRUCTION SURVEY.
2. In addition, the contractor shall stop camera at all point repairs, sectional repairs, lateral connection repairs and reinstated laterals, and inspect entire repaired pipe section and all material ends and connections. Close attention is required for the inspection of all overlapping materials, manhole connections and lateral connections.
3. The contractor shall invert white foreground to black as needed in the line section with light background.
4. In the case of a post-liner survey, the contractor shall fully televise the ends of the all liners at the manholes, main/lateral connections and upstream lateral liner ends so that the finished ends of the liner to the host pipe can be evaluated.

B. Documentation

1. The same documentation shall be provided as indicated PRECONSTRUCTION SURVEY.

- END OF SECTION -

MANHOLE REHABILITATION

PART 1 - GENERAL

1.01 SCOPE

- A. Work will include the various manhole repairs specified in this Section. Manhole rehabilitation shall be accomplished by the application of materials that will improve the overall structural condition of the manhole. The intent of this portion of the work is to provide for aspects of sewer manhole rehabilitation and sealing using various procedures either singularly or in combination, including type of repair, methods of repair, materials and equipment as required for each manhole scheduled for rehabilitation.
1. Manhole Liners: These work items include installation of cementitious liners.
 2. Frame and Cover Repairs: These work items include the repair of frame and cover leaks, realigning and grouting frame, and frame and cover replacement.

1.02 SUBMITTALS

- A. The contractor shall submit shop drawings; no work is to begin without approved shop drawings in keeping with these specifications.
- B. Qualification
1. The Qualification of the manhole rehabilitation contractor shall be submitted with the bid. These qualifications shall include detailed description of the following:
 - a. Name, business address and telephone number of the Manhole Rehabilitation contractor.
 - b. Name(s) of all supervisory personnel to be directly involved with manhole rehabilitation for this project.
 - c. The contractor shall sign and date the information provided and certify that to the extent of his knowledge, the information is true and accurate, and that the supervisory personnel will be directly involved with and used on this project. Substitutions of personnel and/or methods will not be allowed without written authorization of the owner.
 - d. Specialty technicians shall be certified by the equipment manufacturer and/or its authorized representative. Certifications shall be submitted to the owner.
 - e. The contractor shall provide his references of previous project lists going back five years including his customers' name, address, and telephone number.
 - f. The company bidding shall have five years of previous related experience and shall be required to be qualified in bidding this project.

C. Construction Procedures

1. The CONTRACTOR shall submit written descriptions of the construction method(s) and equipment to be used and locations required for equipment and material access.

PART 2 -- PRODUCTS

2.01 MANHOLE FRAMES AND COVERS

- A. All manhole frame and cover material and installation requirements shall be as indicated in the City's Manual of Engineering Standards.
- B. Replacement of manhole frames and covers shall be authorized by the owner.

2.02 PREPATORY INFILTRATION CONTROL PRODUCTS

A. Chemical Grouting Material

1. Chemical Grouts may be used for stopping very active infiltration and shall be mixed per manufacturer's recommendations and as specified. The chemical grout shall be an extremely low viscosity acrylamide resin with gel times from 5 seconds to several hours. Product shall be AV-100 Chemical Grout as manufactured by Avanti International, 822 Bay Star Boulevard, Webster, Texas 77598 (Tel. 800-877-2570) or approved equal.

B. Epoxy Coating Material

1. The spray applied epoxy coating system shall be as manufactured by Raven Lining Systems, Broken Arrow, Oklahoma or equal. The product shall be 100% solids, solvent-free ultra-high-build epoxy. The finished epoxy shall be resistant to sulfuric acid attack associated with domestic sewage. The epoxy shall be manually sprayed onto the structures or manholes to provide a uniform smooth and even surface.

The minimum finished thickness shall be as specified by the manufacturer. The coating system shall be capable of being applied over wet surfaces without degrading the final product.

The existing manhole and junction chambers shall be prepared for the application of the epoxy system by cleaning and stoppage of infiltration as specified above. Prior to applying the epoxy liner, the entire manhole surface and benches shall be patched and grouted to the extent needed to provide a smooth and even surface to which the liner will adhere.

The cured epoxy system shall conform to the minimum physical standards, as listed below:

Cured Epoxy	Standard	Long-Term-Data
Tensile Strength	ASTM D-638	7,500 psi
Flexural Modulus	ASTM D-790	600,000 psi
Flexural Stress	ASTM D-790	13,000 psi
Compressive Strength	ASTM D695	18,000 psi

The Contractor shall provide certified independent, third party test results verifying the minimum physical properties above. The tests shall be in conformance with the ASTM specifications listed.

The finished liner shall be cured in strict accordance with the manufacturer's instructions.

Composite systems containing layers of different materials or cured-in-place resin systems that are inflated in the manholes will not be considered as equal.

2.03 SUBMITTALS

1. The Contractor shall furnish detailed and complete data pertaining to the surfaces of the structure to be rehabilitated, the rehabilitation product, surface preparation and installation to the engineer for approval. The submission of this data shall be made in a timely manner to prevent project delay. At the request of the Engineer, the Contractor shall test for adverse chemical conditions that may hinder overall product performance.
2. Prior to initiating the work, the Contractor shall submit specific technical data with complete physical properties of the structure to be rehabilitated and the product proposed to be used in the rehabilitation of the structure, as well as a specific plan for sub-surface preparation.
3. A certificate of "Compliance with Specifications" shall be furnished for all materials supplied.
4. A work plan.
5. A safety plan. It is the contractor's responsibility to comply with OSHA standards and all regulations pertaining to the work including confined space entry.

3.01 GENERAL

- A. The contractor shall perform all work in strict accordance with all applicable OSHA Standards. Particular attention is drawn to those safety requirements involving man entry in confined spaces.
- A. Prior to beginning work, the owner will visually review the manhole and confirm the repair procedure indicated on the Work Order.

3.02 PREPARATION

A. General:

1. All manholes listed in Work Orders for repairs shall be cleaned.

2. The casting and adjusting area of the manhole shall be sandblasted to remove any loose material and rust.
3. Prior to cleaning the manhole, a 2-inch mesh screen shall be installed at the manhole outlet to catch debris. The contractor shall clean all accumulations of debris, such as dirt and grease, loose mortar, bricks and concrete, and dispose of properly.

5.01 FRAME AND COVER REPAIRS (REPLACEMENT)

A. Work Orders will identify one of the following repairs:

1. Realign, Grout, and Seal Manhole Casting (Frame): In most cases, when the cast iron frame and cover are in reusable condition and are not themselves sources of inflow, the leakage through the joint under the frame can be handled by removing and replacing the old mortar joint. When acceptable to the owner, this shall be accomplished by excavating as necessary, lifting off the frame, thoroughly cleaning its bottom bearing surface, coating it with asphalt paint similar to the original coating, removing the old mortar from the top of the wall and replacing it with a 2-inch (nominal) layer of new mortar consisting of one part of Portland cement to three parts of clean, washed sand, mixed with an adequate amount of water and carefully resealing the frame in its correct position. Realignment may be horizontal or vertical. Where vertical realignment is required, grade rings as described in Section 02754 may be required in order to raise the manhole frame and cover to the existing grade elevation. A minimum of seven (7) days after the manhole casting has been realigned and grouted, the contractor shall install an aromatic urethane internal manhole sealing system through the frame-joint area.
2. Replace Manhole Ring and Cover and Install Seal: Where identified by the owner, cast iron rings and covers shall be replaced by the contractor. The contractor shall remove and replace the entire assembly with a new frame and cover. The frame shall be set on the manhole wall as described in Paragraph 1 entitled "Realign, Grout, and Seal Manhole Casting (Frame)" above. A minimum of seven (7) days after the manhole casting has been realigned and grouted, the contractor shall install an aromatic urethane internal manhole sealing system through the frame-joint area.

6.01 INVERT REPLACEMENT

- A. The contractor shall remove existing channel and benches to the base of the manhole. Rebuild channel by reshaping channel invert and building new slope of shelves or benches. Work shall include aligning inflow and outflow ports in such a manner to prevent the deposition of solids at the transition point. All inverts shall follow the grades of the pipe entering the manholes. Changes in direction of the sewer and entering branch or branches shall have a true curve of as large a radius as the size of the manhole will permit, but will be shaped to allow easy entrance of maintenance equipment including buckets, TV camera, etc.

7.01 TESTING

- A. After the specified rehabilitation work has been completed, the manholes shall be visually reviewed and tested in accordance with manufacturer's testing procedures by the contractor in the presence of the owner and found to be acceptable.
1. Visual Review: All rehabilitated manholes shall be visually reviewed for water tightness against leakage of water into the manhole. All visible leaks and defects observed during the review shall be repaired to the owner's satisfaction. There shall be no visible infiltration.
 2. Exfiltration Testing:
 - a. Incoming and outgoing sewer and service lines shall be plugged, the plugs restrained and the manhole filled with water to the top of the manhole frame. A soaking period of up to one hour will be allowed if bypassing of the sewage is not required or has been provided for. At the end of this optional soaking period, the manhole shall be refilled with water and the test begun. The time shall then be recorded and after a period of not less than one hour has passed, the manhole again refilled, the amount required being carefully measured. The maximum allowable rate of exfiltration is 0.1 gallon per hour per vertical foot of depth of the manhole.
 - b. Exfiltration testing shall be done on 10 percent of the manholes, or on one (1) manhole, if less than ten (10) are being repaired, as chosen by the owner, where repairs have been performed:
 - c. Manholes that fail the exfiltration test shall be reworked and retested by the contractor at no additional compensation and additional manholes will be retested at the contractor's expense. Any manholes that are visually leaking, are unacceptable, or fail the test shall be reworked and retested.
 3. Testing and Verification of Liners:
 - a. The owner's inspector shall verify the thickness of cementitious liners with a wet gauge. Any area found to be less than the minimum prescribed thickness shall immediately receive the additional material needed. The resultant lined manhole wall shall be leak-free, smooth and free of honeycomb or areas of segregated aggregate. Any defects shall be promptly repaired and re-tested. Inspection and testing shall be performed by the certified applicator in the presence of the owner.

- END OF SECTION -

POINT REPAIR OF SANITARY SEWERS

PART 1 - GENERAL

1.01 SCOPE

- A. The work specified in this Section includes repairs to sections or segments (up to 15 feet) of existing sanitary sewers, mains or service lines, which require excavation from the surface.

1.02 GENERAL

- A. Methods, procedures and requirements are similar when sections of existing pipe have been crushed, cracked, or settled, or have holes in them and are to be replaced with new pipe. Generally, point repairs are made at specific locations and involve relatively short lengths of sewer pipe or fittings (up to 15 feet) which are to be repaired or replaced.
- B. General locations where point repairs are to be made will be made available to the contractor. It is understood that the contractor is responsible for the exact location by whatever method the contractor chooses (pipe video, sonde location).
- E. Where work is to be performed close to private property, the contractor shall consult with the owner who will make arrangements and schedules with the property owners before the contractor performs the work.

1.03 SUBMITTALS

- A. The contractor shall submit shop drawings on all materials. No materials are to be installed until the approved shop drawings are received by the contractor. Any materials installed without approved shop drawings are subject to removal. All materials shall conform with the City's Manual of Engineering Standards.

1.04 QUALIFICATIONS

- A. The Qualifications of the contractor shall be submitted prior to contract award. These qualifications shall include detailed descriptions of the following:
 - 1. Name, business address and telephone number of the contractor.
 - 2. Name(s) of all supervisory personnel to be directly involved with this project.
 - 3. The contractor shall sign and date the information provided and certify that to the extent of his knowledge, the information is true and accurate, and that the supervisory personnel will be directly involved with and used on this project. Substitutions of personnel and/or methods will not be allowed without written authorization of the owner.
 - 4. The contractor shall provide his references of previous project lists going back five years including his customers' names, addresses, and telephone numbers.
 - 5. To be qualified, the contractor shall have a minimum of five years' previous experience in the work required in this section, (the company bidding).

1.05 PROCEDURES

A. The point repair procedures shall be as follows:

1. Site preparation shall be performed. When the repairs are to be made on sewers or facilities lying under paved surfaces, those surfaces shall be removed to the limits specified for point repairs of the particular size pipe involved (trench width plus two feet for concrete surfaces) unless otherwise acceptable to the owner.
2. The contractor shall excavate, backfill and compact all utilities in the trenching area. Under no circumstances shall the contractor be allowed to remove concrete or asphalt without prior cutting. The saw cutting shall be deep enough to produce an even, straight cut.
3. Dewater, sheeting and or brace all excavations as necessary. Well points, pumps, sheeting, bracing and/or sock drain shall be used to provide a safe, dry, open hole for all repairs or replacements specified herein.
4. Excavate down to the pipe, completely exposing the pipe up to the next undamaged section of pipe on each side.
5. Locate the pipe defect to be repaired.
6. Remove and replace section(s) of pipe or fitting. Remove section(s) of defective pipe or fittings by cutting on each side along lines perpendicular to longitudinal axis of pipe so as to leave "spigot ends" to be connected to replacement pipe. Cut or fabricate replacement section. Make connections using stainless steel shear rings as manufactured by Fernco, or approved equal. Bedding or embedment shall be placed and compacted. Reconnect to service line if required. As a minimum, a total of four (4) feet of piping shall be replaced by the contractor.

In the case of point repairs performed on service laterals, the contractor shall:

- i. Determine the exact location of the repair by means of television inspection with an electronic locating device (sonde).
 - ii. If roots are encountered inside the lateral being repaired, the pipe will be replaced to the point of root entry into the pipe up to 15 feet. Repairs longer than 15 feet require approval of the owner.
 - iii. If the pipe being replaced reaches the private property line, a cleanout shall be installed at that location in both back yard and front yard easements. See the City's Manual of Engineering Standards.
7. The adequacy of point repairs in sewer mains and laterals shall be demonstrated by the contractor. For service lines and mains, visual review of the site during construction and review of the post repair video will be deemed sufficient. Any defects or continued infiltration found will be repaired by the contractor at no additional change to the owner.
 8. Complete placement and compaction of backfill.

9. Restore surface features to at least as good condition as existed before construction began, including roadways, driveways and walks.

1.06 LIMITS OF CONSTRUCTION RESTORATION

- A. The contractor is to utilize the restoration items to restore the ground surface to a condition as good as or better than was discovered prior to the excavation. The contractor's construction video or pictures of the site will be used if a discrepancy occurs. If no pictures of the excavation site can be produced, the contractor shall restore the surface to the satisfaction of the owner.
- B. The limits of the construction area for purposes of determining the bid form units of restoration items to be billed for point repairs, or lateral pipes will be restricted as follows. These are the maximum allowable areas to be restored using the restoration items in the bid form.
 - I. For mainline and lateral excavated point repairs, restoration items such as, grass, asphalt or concrete will be limited as follows: Maximum billable restoration items are limited to the trench width plus 2 feet x 2 feet beyond the pipe ends replaced in both directions (up and downstream). For excavations deeper than 6 feet the maximum restoration area will increase by 1-foot for each additional foot of excavation depth beyond 6 feet. Payment for restoration items will not exceed the dimensions of the existing item being restored. Actual field measurements will be paid up to the preceding maximum dimensions. The limits are not intended to restrict the safe dimensions of the excavation; the expressed limits are only to limit the maximum allowable restoration payable to the contractor. Any restoration outside of these limits will be the responsibility of the contractor.
- C. The contractor is directed to adjust his restoration items to include the "limits of construction" restrictions, any restoration required outside of these limits will be considered the contractor's responsibility.

1.07 TELEVISION SURVEY

- A. Post videos showing the interior to the repaired pipe and all connections, these are required for all repairs to mainline sewers, laterals and cleanout installations. The videos must be turned in to the owner for payment. Still pictures are also required to show the restored ground surface of all excavations.

- END OF SECTION -

SANITARY CLEANOUT

PART 1 - GENERAL

1.01 SCOPE

- A. This Section consists of excavating a section of the existing sewer lateral pipe between mainline and the property line, and furnishing, installing, testing and placing in operation new sewer service cleanout piping, complete in its place, with fittings, and other appurtenances required for a complete installation.
- B. This section also consists of installing a Vac-A-Tee on the existing lateral pipe at an approved location to create a clean out with minimal surface restoration.

1.02 GENERAL INFORMATION AND DESCRIPTION

- A. The pipe and fittings covered by these specifications shall be furnished by fully qualified manufacturers experienced in the fabrication, casting and manufacture of the pipe materials specified herein. The pipe and fittings shall be designed, fabricated and installed in accordance with the best practice of the trade and the standards specified herein.
- B. Portions of existing sanitary sewer service lines shall be excavated to install a cleanout where approved. Where necessary and directed by the owner, the contractor is to remove test tees, roots or defective pipe as required within the area of a cleanout installation. A cleanout installation "area" is to include up to 4' of lateral pipe replacement.
- C. Replacement pipe at the property line including cleanout as approved by the owner per owner's minimum standards shall be the same size.
- D. The contractor may furnish as an alternate to traditional excavation, vacuumed excavation with a snap-on sewer saddle. Vac-A-Tee or approved equal.
- E. The contractor shall submit shop drawings for all materials, couplings, fittings, pipe, clean out boxes, concrete pads or any other item required for the cleanout installation.
- F. The contractor shall furnish all labor, tools, materials, and equipment necessary for installation and jointing of the pipe. All piping shall be installed in accordance with the contract documents in a neat workmanlike manner and shall be set for accurate line and elevation. All piping shall be thoroughly cleaned before installation, and care shall be taken to keep the piping clean throughout the installation, no foreign material is to be allowed to enter the system.
- G. The existing laterals shall be hand excavated to a joint, saw cut, clean and square and the appropriate adapter installed to connect the replacement laterals. Care shall be taken to maintain the slopes of the existing laterals.
- H. The contractor is to maintain traffic so that it causes minimal disruption to the public. Any road closure or work in the public right of way will require an approval prior to work commencing.

- I. After the site has been located for a particular cleanout installation which is to be installed, operations shall progress generally as follows:
 1. Call for locations of existing utilities, Sunshine State One-Call, 811. No excavations are to be done without proper locations.
 2. Take photographs of the area prior to the excavation and after the excavation and restoration is completed. The photographs will be used in case there is a discrepancy in the restoration required.
 3. Carefully remove or protect surface features in work area. Excavate to completely expose the existing pipe, taking adequate precautions not to disturb any other existing underground facilities and handling excavated materials in a manner that will not cause further restoration.
 4. The section or reach of pipe being worked on shall be isolated by plugging and/or by-pass pumping where necessary. There is no payment for bypass pumping for this section of work any bypassing required is to be include in the bid item for cleanout installation.
 5. Remove and dispose of the existing pipe as necessary, no foreign materials are to be backfilled in the trench.
 6. The trench bottom shall be overexcavated a minimum of 8-inches and new embedment material to go beneath the pipe placed and shaped so as to form uniform support for the pipe barrel and newly installed cleanout piping.
 7. Pipe shall be installed in accordance with the manufacturer's recommendations and to the grade and slope as its existing condition. Pipe shall be installed and jointed, normally beginning at its low or outlet end and proceeding upstream, with the bell ends facing upstream toward the direction of flow. Complete embedment or encasement and place compacted backfill as necessary to avoid pipe settlement during backfilling or compaction. Any pipe connection found to be leaking, offset, improperly cut or aligned will be re-excavated and replace at no additional charge to the owner.
 8. Perform leakage test if requested. When this has been successfully completed and acceptable to the owner, remove temporary plugs and reconnect wyes or tees to service lines.
 9. Complete placement and compaction of backfill.
 10. Restore surface features to at least as good condition as existed before construction began, including roadways, driveways and walks.
 11. Excavated cleanouts, restoration items, sod, asphalt or concrete. These items are limited to a maximum of 5' x 5' restoration area. For excavations deeper than 5-feet the restoration area will increase by 1-foot for each additional foot of excavation depth beyond 6-feet. Payment for restoration items will not exceed the dimensions of the existing item being restored. Actual field measurements will be paid up to the preceding maximum dimensions. The contractor is directed to adjust his restoration items to include the "limits of construction" restrictions, any restoration required outside of these limits will be considered the contractor's responsibility.

3.07 PIPE-TO-PIPE CONNECTIONS

- A. Pipe-to-pipe connections shall be made by using stainless steel shear rings as manufactured by Fernco, or approved equal.
- B. Review the City's Manual of Engineering Standards for the required materials for construction of a cleanout, surface restoration, cleanout box and pad requirements.

- END OF SECTION -

CURED-IN-PLACE SECTIONAL PIPE LINING

PART 1 -- GENERAL

1.01 SCOPE

- A. The work specified in this section consists of rehabilitating existing sanitary sewer pipe by installing a resin impregnated fiberglass/polyester felt tube into an existing pipe to restore its structural and hydraulic integrity.

1.02 GENERAL

- A. The finished sectional pipe liner in place shall be fabricated from materials which, when installed, will be chemically resistant to withstand internal exposure to domestic sewage.

1.03 SUBMITTALS

- A. The Contractor shall submit shop drawings and other information to the OWNER for review in accordance with Section 01300, "Submittals". Included shall be design calculations for the work.

1.04 QUALIFICATIONS

- A. The Qualifications of the CONTRACTOR shall be submitted prior to contract award. These Qualifications shall include detailed descriptions of the following:
 1. Name, business address and telephone number of the CONTRACTOR.
 2. Name(s) of all supervisory personnel to be directly involved with this project.
 3. The CONTRACTOR shall sign and date the information provided and certify that to the extent of his knowledge, the information is true and accurate, and that the supervisory personnel will be directly involved with and used on this project. Substitutions of personnel and/or methods will not be allowed without written authorization of the OWNER.
 4. Specialty technicians shall be certified by the equipment manufacturer and/or its authorized representative. Certifications shall be submitted to the OWNER.
 5. The CONTRACTOR shall provide his references of previous project lists going back five years including his customers' names, addresses, and telephone numbers.
 6. To be acceptable, a minimum of 150 sectional liner installations must be documented.
 7. To be acceptable, the installer must have had a minimum of five (5) years active experience in the commercial installation of the product.

PART 2 -- PRODUCTS

2.01 GENERAL

- A. The finished liner shall be fabricated from material as specified in this section which when cured will be chemically resistant to the corrosive effects of the raw sewage and hydrogen sulfide.
- B. The contractor shall submit shop drawings, samples of materials, and design calculations to the OWNER for review.

2.02 LINER SIZING

- A. The liner shall be fabricated to a size that when installed will neatly fit the internal circumference of the conduit to be repaired as specified by the OWNER.
- B. The length and number of liners shall be that deemed necessary by the OWNER to effectively carry out the repairs. The CONTRACTOR shall verify the lengths in the field before cutting liner to length. In general, the minimum length shall be 6 feet for 8- to 12-inch diameter of pipe, and cover a minimum of 6 inches on either side of the pipe joint.
- C. For 15- to 21-inch diameter of pipe, a longer sectional liner may be required.

2.03 LINER MATERIAL

- A. The tube will consist of one or more layers of flexible needled felt or an equivalent non-woven material. The tube will be continuous in length exhibiting a uniform minimum wall thickness based upon design calculations found in ASTM F1216 appendix XI. No overlapping sections shall be allowed in the circumference or the length of the liner. The tube will be capable of conforming to offset joints, bells, and disfigured pipe sections.
- B. The resin will be polyester, vinyl or epoxy ester with proper catalysts as designed for the specific application:
- C. The Sectional liner seal shall be created with Insignia Seals, or approved equal, at the liner end seated on sound pipe so that when compressed they create a compression gasket seal. Use of hydrophilic paste or caulk will not be permitted.
- D. The cured resin material shall have the following properties:

<u>Item</u>	<u>Test Value</u>	<u>Reference Standard</u>
Flexural Strength	4,500 psi	ASTM D 790
Flexural Modulus	250,000 psi	ASTM D 790

2.04 LINER DESIGN

- A. The required structural CIPP wall thickness shall be based at a minimum, on the physical properties described above and in accordance with the design equations in the appendix of ASTM F 1216, and the following design parameters:

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>RESULTS</u>
Flexural Stress	ASTM D-790 (short term)	4,500 psi
Modulus of Elasticity	ASTM D-790	250,000 psi

Design Safety Factor	2.0
Retention Factor for Long-Term Flexural Modulus to be used in Design	50 %
Ovality*	2 %
Groundwater Depth = Pipe Depth (above invert)*	ft.
Soil Depth (above crown)*	ft.
Soil Modulus	700 psi
Soil Density	120 pcf
Live Load	One H20 passing truck
Design Condition	Fully deteriorated
<i>*Denotes information which can be provided here or in inspection video tapes or project construction plans. Multiple line segments may require a table of values.</i>	

- B. The lining manufacturer shall submit to the OWNER for review complete design calculations for the liner, signed and sealed by a Professional Engineer registered in the State of Florida and certified by the manufacturer as to the compliance of his materials to the values used in the calculations. A safety factor of 2 shall be applied in the design calculation. The host pipe shall be considered fully deteriorated. The liner shall be designed to withstand a live load equivalent to one H-20 passing truck plus all pertinent dead loads, hydrostatic pressure and grout pressure (if any). For design purposes, the water table shall be considered at grade elevation. The liner shall be designed in accordance with ASTM F 1216. The buckling analysis shall account for the combination of dead load, live load, hydrostatic pressure and grout pressure (if any). The liner side support shall be considered as if provided by soil pressure against the liner. The existing pipe shall not be considered as providing any structural support. Modulus of soil reaction shall be 700, corresponding to a moderate degree of compaction of bedding and a fine-grained soil as shown in AWWA Manual M45, Fiberglass Pipe Design.
- C. Liner shall be neither accepted nor installed until design calculations are acceptable to the OWNER.

PART 3 -- EXECUTION

3.01 CLEANING SEWER LINES

- A. Prior to any lining of a pipe so designated, it shall be the responsibility of the CONTRACTOR to remove internal deposits from the pipeline in accordance with Section 02751 - Preparatory Cleaning and Root Removal.

3.02 TELEVISION SURVEY

- A. Television survey shall be performed in accordance with Section 02752 - Television Survey, including Preconstruction and Post Construction Surveys.

- B. The interior of the pipeline shall be carefully surveyed to determine the locations and extent of any structural failures. The location of any conditions which may prevent proper installation of lining materials into the pipelines shall be noted so that these conditions can be corrected. A video tape and suitable log shall be kept and turned over to the OWNER.
- C. For the sewer line with sectional cured-in-place liner installed, a variance for post-TV and tapes shall be allowed as follows:
 - 1. The post-TV shall commence at the upstream manhole (downstream for reverse setups) and shall proceed at a maximum speed of 30 feet per minute until the repair is reached. No panning of defects or laterals needs to be done. Upon reaching the sectional liner, the CONTRACTOR shall stop and carefully pan the beginning and the end of the liner to show that the repair has been successfully completed. If a lateral connection has been lined over and reopened, the CONTRACTOR shall pan this opening and the lateral. The rest of the line shall be televised without stopping until the downstream manhole has been reached.
 - 2. One log (pre-TV log) shall be furnished with a statement under the comments line as to the linear footage of the beginning of the sectional liner, the length of the liner, and the number of laterals reinstated (if any), and their location.

3.03 FLOW BYPASSING

- A. The CONTRACTOR, when required, shall provide for the transfer of flow, through or around a section or sections of pipe that are to be repaired. The proposed bypassing system shall be acceptable in advance by the OWNER. The acceptance of the bypassing system in advance by the OWNER shall in no way relieve the CONTRACTOR of his responsibility and/or public liability. The flow bypassing shall be done in accordance with Section 02750 - Wastewater Flow Control.

Note: If the repair can be made in a few hours, bypass pumping may not be required. The placement carriage shall be equipped with a bypass section to allow flow once liner is pressed into place.

3.04 LINE OBSTRUCTIONS

- A. It shall be the responsibility of the CONTRACTOR to clear the line of obstruction. If survey reveals an obstruction that cannot be removed by conventional cleaning equipment, the CONTRACTOR shall make a point repair excavation in accordance with Section 02757 - Point Repair of Sanitary Sewers, to uncover and remove or repair the obstruction. Such excavation shall be accepted in writing by the OWNER prior to the commencement of the work.

3.05 LINER INSTALLATION

- A. Prior to liner installation, all active severe leaks which may affect the success of liner installation shall be stopped using chemical grout. The CONTRACTOR shall impregnate the liner. Drop cloths, tarpaulins, and etc. shall be used to prevent material from contacting the adjacent ground. Place the liner on the placement carriage and maneuver carriage and liner into position with the use of a video camera. Force the liner against the inside wall of the damaged host pipe allowing epoxy resin to permeate into any cracks in the host pipe. Allow lines to cure for approximately 2 hours in accordance

with the manufacturer's recommendations. Heat may be introduced to speed up curing time. Retract the placement carriage and remove from pipe.

- B. After the sectional liner has been cured in place, the CONTRACTOR shall reconnect the service connections. Cutting of the liner pipe shall be done from the interior of the pipeline using a robotic cutter. Where holes are cut through the liner, they shall be neat and smooth in order to prevent blockage at the service connections. Cut-in service connections shall be opened to a minimum of 95 percent of the flow capacity of the building sewer. Cuts shall be wire-brushed to remove jagged edges. All coupons shall be recovered at the downstream manhole and removed. All reinstated service lateral connections (between the liner and the existing pipe) shall be grouted. The reinstatement of the service connections shall be a separate pay item.

3.06 ACCEPTANCE

- A. The finished liner shall be continuous over the entire length of the installation. The liner shall be free from visual defects, damage, deflection, holes, delamination, uncured resin, and the like. There shall be no visible infiltration through the liner or from behind the liner.

3.07 CLEANUP

- A. After the liner installation has been completed and accepted, the CONTRACTOR shall clean up the entire project area and return the ground cover to grade. All excess material and debris not incorporated into the permanent installation shall be disposed of by the CONTRACTOR.

3.08 WARRANTY

- A. The liner shall be certified by the manufacturer for specified material properties for a particular job. The manufacturer warrants the liner to be free from defects in raw materials for one year from the date of acceptance. During the warranty period, any defects which affect the integrity or strength of the pipe shall be repaired at the CONTRACTOR's expense in a manner mutually agreed by the OWNER and the CONTRACTOR.

- END OF SECTION -

CURED-IN-PLACE PIPE LINING

PART 1 - GENERAL

1.01 SCOPE

- A. It is the intent of this specification to provide for the reconstruction of pipelines and conduits by the installation of a resin-impregnated flexible tube which is formed to the original conduit and cured to produce a continuous and tight fitting Cured-In-Place Pipe (CIPP).
- B. The work specified in this Section includes all labor, materials, accessories, equipment and tools necessary to install and test cured-in-place pipe lining in main lines and in service laterals.

1.02 GENERAL

- A. This specification references ASTM F1216 (Rehabilitation of pipelines by the inversion and curing of a resin-impregnated tube), ASTM F1743 (Rehabilitation of pipelines by pulled-in-place installation of a cured-in-place thermosetting resin pipe), and ASTM D790 (Test methods for flexural properties of unreinforced plastics) which are made a part hereof by such reference and shall be the latest edition and revision thereof. In case of conflicting requirements between this specification and these referenced documents, this specification will govern. ASTM F1216 is applicable to CIP mainline pipe lining, ASTM F2561 is the governing standard for CIP main/lateral pipe connection lining.

1.03 SUBMITTALS

- A. The CONTRACTOR shall submit shop drawings and other information to the OWNER for review in accordance with Section 01300, "Submittals".
- B. With the bid, the following submittals are required.
 - 1. Documentation as outlined herein under the section titled, PRODUCT AND INSTALLER ACCEPTABILITY, including installation references of projects that are similar in size and scope to this project. The submittal shall include, at a minimum, the client contact name, phone number, and the diameter and footage of pipe rehabilitated. Documentation for product and installation experience must be satisfactory to the OWNER.
- C. After contract award, the following submittals are required.
 - 1. Detailed design calculations as specified herein under the section titled, MATERIALS FOR MAIN LINES.
 - 2. Various test results as specified herein under the section titled, TESTING REQUIREMENTS.
 - 3. Documentation as specified herein under the sections titled WET-OUT AND CURE REPORT and TELEVISION SURVEY.

1.04 PRODUCT AND INSTALLER ACCEPTABILITY

- A. Since sewer products are intended to have a 50-year design life, and in order to minimize the OWNER'S risk, only proven products and installers with substantial successful long term track records will be approved.
- B. Products and installers seeking approval must document an ability to meet all of the following criteria to be deemed commercially acceptable:
 - 1. For a product to be considered commercially proven, a minimum of 1,000,000 linear feet or 4,000 manhole-to-manhole line sections of successful wastewater collection system installations in the U.S. must be documented to the satisfaction of the OWNER to assure commercial viability. In addition, at least 500,000 linear feet of the product shall have been in successful service within the State of Florida for a minimum of five years.
 - 2. For an Installer to be considered as commercially proven, the installer must satisfy all insurance, financial, and bonding requirements of the OWNER, and must have had at least 5 (five) years active experience in the commercial installation of the product in Florida. For sewer mains, the installer must have successfully installed at least 500,000 feet of the product in wastewater collection systems in Florida.
 - 3. Sewer rehabilitation products submitted for approval must provide third party test results supporting the long term performance and structural strength of the product and such data shall be satisfactory to the OWNER. Test samples shall be prepared so as to simulate installation methods and trauma of the product. No product will be approved without independent third party testing verification.

PART 2 -- PRODUCTS

2.01 MATERIALS FOR MAIN LINES

- A. The sewn tube shall consist of one or more layers of absorbent non-woven felt fabric and meet the requirements of ASTM F1216 or ASTM F1743, Section 5. The tube shall be constructed to withstand installation pressures, have sufficient strength to bridge breaks and missing sections of the existing pipe, and stretch to fit irregular pipe sections. The new jointless pipe-within-a-pipe must fit tightly against the old pipe wall and consolidate all disconnected sections into a single continuous conduit, substantially reducing or eliminating infiltration or exfiltration.
- B. The wet-out tube shall have a uniform thickness that when compressed at installation pressures will meet or exceed the Design thickness.
- C. The tube shall be sewn to a size that when installed will tightly fit the internal circumference and length of the original pipe with minimal shrinkage, in such a way as to minimize water migration (tracking) between the liner and the host pipe. Allowance should be made for circumferential stretching during inversion, and longitudinal stretching during pull in. Overlapped layers of felt in longitudinal seams that cause lumps in the final product shall not be utilized.
- D. The minimum tube length shall be that deemed necessary by the Contractor to effectively span the distance between the access points and to facilitate a good, "non-tracking" seal. The Contractor shall verify the lengths in the field before cutting liner to length and otherwise preparing it for installation.

- E. The outside layer of the tube (before wet-out) shall be coated with an impermeable, flexible membrane that will contain the resin and facilitate monitoring of resin saturation during the resin impregnation (wet-out) procedure.
- F. The tube shall be homogeneous across the entire wall thickness containing no intermediate or encapsulated elastomeric layers. No material shall be included in the tube that may cause delamination in the cured CIPP. No dry or unsaturated layers shall be evident.
- G. The wall color of the interior pipe surface of CIPP after installation shall be a light reflective color so that a clear detailed examination with closed circuit television inspection equipment may be made.
- H. Seams in the tube shall be stronger than the un-seamed felt.
- I. The outside of the tube shall be marked for distance at regular intervals along its entire length, not to exceed 5 ft. Such markings shall include the Manufacturers name or identifying symbol. The tubes must be manufactured in the USA.
- J. Contractor is to install Hydrophilic End Seals at all manhole penetrations. The End Seals must be in a tubular form which when installed will form a 360-degree seal between the host pipe and the newly installed liner and must be a minimum of three inches wide. The use of caulking, rope or band type of an end seal will not be allowed. Acceptable End Seals are Insignia™ End Seals by LMK Enterprises, 1779 Chessie Lane, Ottawa, IL 61350 (815) 433-1275, or pre-approved equal.
- K. The resin system shall be a corrosion resistant polyester, vinyl ester, or epoxy and catalyst system that when properly cured within the tube composite meets the requirements of ASTM F1216 and ASTM F1743, the physical properties herein, and those which are to be utilized in the Design of the CIPP for this project. The resin shall produce CIPP which will comply with the structural and chemical resistance requirements of this specification.
- L. The finished pipe in place shall be fabricated from materials which when cured will be chemically resistant to withstand internal exposure to domestic sewage. All constituent materials will be suitable for service in the environment intended. The final product will not deteriorate, corrode or lose structural strength that will reduce the projected product life. In industrial areas a liner system using epoxy vinyl ester resin shall be utilized and a polyester resin shall be used in non-industrial areas. The OWNER shall determine the type of appropriate resin to be utilized for each line segment.
- M. The CIPP shall be designed as per ASTM F1216, Appendix X1. The CIPP design shall assume no bonding to the original pipe wall. The structural performance of the finished pipe must be adequate to accommodate all anticipated loads throughout its design life.
- N. The CIPP must have a minimum design life of fifty (50) years. The minimum design life may be documented by submitting life estimates by national and/or international authorities or specifying agencies. Otherwise, long-term testing and long-term in-service results (minimum ten (10) years) may be used, with the results extrapolated to fifty (50) years.
- O. The CONTRACTOR must have performed long-term testing for flexural creep of the CIPP pipe material installed by his company. Such testing results are to be used to determine the long-term, time dependent flexural modulus to be utilized in the product design. This is a performance test of the materials (tube and resin) and general workmanship of the installation and curing. A percentage of the instantaneous flexural modulus value (as measured by ASTM D-790 testing) will be used in design calculations for external buckling.

The percentage, or the long-term creep retention value utilized, will be verified by this testing. Values in excess of 50% will not be applied unless substantiated by qualified third party test data. The materials utilized for the contracted project shall be of a quality equal to or better than the materials used in the long-term test with respect to the initial flexural modulus used in design.

- P. The minimum required structural CIPP wall thickness shall be based on the physical and structural properties described herein and in accordance with the design equations in the appendix of ASTM F 1216, and the following design parameters:

Design Safety Factor	2.0
Retention Factor for Long-Term Flexural Modulus to be used in Design <i>(as determined by Long-Term tests described in paragraph 2.02.B)</i>	50 %
Ovality*	2 %
Water Table = Grade Elevation	ft.
Soil Depth (above crown)*	ft.
Soil Modulus	700 psi
Soil Density	120 pcf
Live Load	One H20 passing truck
Design Condition	Fully deteriorated
<i>*Denotes information which can be provided here or in inspection video tapes or project construction plans. Multiple line segments may require a table of values.</i>	

- Q. The lining manufacturer shall submit to the OWNER for review complete design calculations for the liner, signed and sealed by a Professional Engineer registered in the State of Florida and certified by the manufacturer as to the compliance of his materials to the values used in the calculations. The buckling analysis shall account for the combination of dead load, live load, hydrostatic pressure and grout pressure (if any). The liner side support shall be considered as if provided by soil pressure against the liner. The existing pipe shall not be considered as providing any structural support. Modulus of soil reaction shall be 700, corresponding to a moderate degree of compaction of bedding and a fine-grained soil as shown in AWWA Manual M45, Fiberglass Pipe Design.
- R. As part of the design calculation submittal, the liner manufacturer shall submit a tabulation of time versus temperature. This tabulation shall show the lengths of time that exposed portions of the liner will endure without self-initiated cure or other deterioration beginning. This tabulation shall be at five degree Fahrenheit increments ranging from 70 degrees F to 100 degrees F. The manufacturer shall also submit his analysis of the progressive effects of such "pre-cure" on the insertion and cured properties of the liner. This information shall be submitted in a timely fashion prior to the preconstruction conference so that the OWNER may set procedures for dealing with such an instance caused by construction delays.
- S. The layers of the cured CIPP shall be uniformly bonded. It shall not be possible to separate any two layers with a probe or point of a knife blade so that the layers separate cleanly or the probe or knife blade moves freely between the layers. If separation of the layers occurs during testing of field samples, new samples will be cut from the work. Any reoccurrence may cause rejection of the work.
- T. Any layers of the tube that are not saturated with resin prior to insertion into the existing pipe shall not be included in the structural CIPP wall thickness computation.

- U. Liner shall be neither accepted nor installed until design calculations are acceptable to the OWNER. Liner shall be as manufactured by Inliner Technologies, 1468 West Hospital Road, Paoli, Indiana 47454-9215, or approved equal.

2.02 STRUCTURAL REQUIREMENTS FOR MAIN LINES

- A. Since the pipe strength is related to the uniformity and density of the pipe wall, only resin vacuum impregnation will be allowed. Resin impregnation without vacuum entraps air and creates voids which weaken the pipe wall. If reinforcing materials (fiberglass, etc.) are used, the reinforcing material must be fully encapsulated within the resin to assure that the reinforcement is not exposed, either to the inside of the pipe or at the interface of the CIPP and the existing pipe.
- B. The design for the CIPP wall thickness will be based on the following strengths, unless otherwise submitted to and approved by the OWNER.

<u>Property</u>	<u>Test Method</u>	<u>Cured Composite per ASTM F1216</u>
Flexural Modulus of Elasticity	ASTM D-790	250,000 psi
Flexural Stress	ASTM D-790	4,500 psi

2.03 TESTING REQUIREMENTS

- A. Chemical Resistance - The CIPP shall meet the chemical resistance requirements of ASTM F1216, Appendix X2. CIPP samples for testing shall be of tube and resin system similar to that proposed for actual construction. It is required that CIPP samples with and without plastic coating meet these chemical testing requirements.
- B. Hydraulic Capacity - Overall, the hydraulic profile shall be maintained as large as possible. The CIPP shall provide at least 100 percent of the flow capacity of the original pipe before rehabilitation. In lieu of actual measurements, calculated capacities may be derived using commonly accepted equations and values of the Manning flow coefficients (designated "n" coefficients). The original pipe material and condition at the time of reconstruction will determine the Manning coefficient used in the host pipe. A Manning coefficient of 0.009 for a jointless, relatively smooth-wall cured-in-place pipe will be used for the lateral CIPP flow calculation.
- C. CIPP Field Samples - When requested by the OWNER, the CONTRACTOR shall submit test results from field installations in the USA of the same resin system and tube materials as proposed for the actual installation. These test results must verify that the CIPP physical properties specified herein have been achieved in previous field applications.
- D. Prior to any liner installation, the CONTRACTOR shall submit technical data sheets showing the physical and chemical properties and infrared spectrum analysis per ASTM E1252 (chemical fingerprint) of the proposed resin system as modified for the cured-in-place process. Additionally, copies of the certificates of analysis for resin used on the project must be made available to the OWNER. The CONTRACTOR shall test each lot of resin used by conducting infrared spectrum analyses on field samples. These analyses shall be conducted at the CONTRACTOR's expense.

- E. The CONTRACTOR shall provide resin samples as directed by the OWNER during the duration of the project and infrared spectrography chemical fingerprints shall be run and compared to the submitted fingerprint to verify the resin used is the resin submitted for use on this project. These analyses shall be conducted at the OWNER's expense.
- F. In the case of liner installation performed under this contract, CIPP samples shall be prepared and physical properties tested in accordance with ASTM F1216 or ASTM F1743, Section 8, using either method proposed.
 - 1. The CONTRACTOR shall submit a method to the OWNER, for approval, to obtain representative samples from the installed liners. These samples will be tested by the OWNER, at the OWNER's expense, to verify compliance with the installed material specifications. The CONTRACTOR shall produce these test samples when so directed by the OWNER. The OWNER reserves the right to request samples from as many as 10 percent of the liners installed, unless a pattern of failure occurs. In this case, the CONTRACTOR will be requested to provide a greater quantity of samples, up to 100 percent, at no additional cost, and the CONTRACTOR shall bear all costs of this additional testing. Liners which do not pass these material tests will be accepted at reduced payment or rejected pursuant to Section 01025.
 - 2. The cost for sample collection shall be included in the bid price for rehabilitation.
 - 3. Test specimens shall be marked in indelible ink with the appropriate lateral or main section, work order number, date of installation, and orientation to the top of the pipe (direction of up) so the results can be correlated to the field work performed. All test results shall use this designated labeling as a reference.
 - 4. The extraction and labeling of test specimens shall be done in the presence of the OWNER. The OWNER and CONTRACTOR shall, upon completion of sample extraction and labeling, both sign a chain-of-custody form that shall subsequently accompany the sample at all times and shall ultimately be received and signed at the testing laboratory. Test reports shall include a copy of the chain-of-custody form with all signatures to ensure that reported test results are for the correct sample.
 - 5. The flexural properties must meet or exceed the values specified herein.
 - 6. Wall thickness of samples shall be determined as described in paragraph 8.1.6 of ASTM F1743.
 - 7. Visual inspection of the CIPP shall be by closed-circuit television.

PART 3 -- EXECUTION

3.01 CLEANING/SURFACE PREPARATION

- A. It shall be the responsibility of the CONTRACTOR to clean the pipeline with a high-pressure water jet and to remove all internal debris out of the pipeline in accordance with Section 02751, "Cleaning and Root Removal".

3.02 SEWER REPAIRS

- A. Any protruding pieces of concrete, dropped joints or broken pipe shall be subjected to point repairs so that the pipe is left in a clean smooth condition in all respects ready for lining,

unless otherwise jointly determined by the Contractor and the OWNER that the defect will not compromise the integrity of the liner.

- B. If conditions such as broken pipe and major blockages are found that will prevent proper cleaning, or where additional damage would result if cleaning is attempted or continued, the CONTRACTOR, with the advance concurrence of the OWNER, shall perform the necessary point repair(s), and then complete the cleaning.

3.03 JOINT, CRACK, ANNULAR SPACE, AND LINER END CHEMICAL SEALING

- A. Prior to cured-in-place liner installation, all active leaks of a magnitude to compromise the integrity of the liner shall be stopped using chemical grout, at no additional cost to the OWNER.
- B. Materials used on this Project shall have the following properties: react quickly to form a permanent watertight seal; resultant seal shall be flexible and immune to the effects of wet/dry cycles; non-biodegradable and immune to the effects of acids, alkalis, and organics in sewage; component packaging and mixing compatible with field conditions and worker safety; extraneous sealant left inside pipe shall be readily removable; and shall be compatible with the CIPP liner resin system utilized. The chemical sealing materials shall be acrylic resin type and shall be furnished with activators, initiators, inhibitors and any other materials recommended by the manufacturer for a complete grout system. Sealing grout shall be furnished in liquid form in standard manufacturer's containers. Sealing grout shall be AV-100 manufactured by Avanti International, Houston, Texas (1-800-877-2570), or approved equal.
- C. The Contractor shall modify his equipment as necessary to seal the leaks, however both his equipment and sealing method must meet the approval of the OWNER prior to use. Extreme caution shall be utilized during leak sealing (pressure) operations in order to avoid damaging the already weakened sewer pipe. If any damage occurs, it shall be repaired at the CONTRACTOR's cost and to the satisfaction of the OWNER. Excessive pumping of grout which might plug a service lateral shall be avoided. Any service laterals blocked by the grouting operation shall be cleared immediately by the Contractor.

3.04 FLOW CONTROL

- A. Flow control shall be exercised as required to ensure that no flowing sewage comes into contact with sections of the sewer under repair. See Section 02750, "Wastewater Flow Control" for additional information.

3.05 LINER INSTALLATION FOR MAIN LINES

- A. The pre-lining video of the prepared pipe shall be reviewed and be acceptable to the OWNER for cleanliness and smoothness before the CONTRACTOR begins to line the pipe.
- B. The CONTRACTOR shall present to the OWNER, for review, a description of his methods for avoiding liner stoppage due to conflict and friction with such points as the manhole entrance and the bend into the pipe entrance. He shall also present plans for dealing with a liner stopped by snagging within the pipe. This information shall be rendered to the OWNER in a timely fashion prior to the preconstruction conference.
- C. The CONTRACTOR shall immediately notify the OWNER of any construction delays taking place during the insertion operation. Such delays shall possibly require sampling and testing by an independent laboratory of portions of the cured liner at the OWNER's discretion. The

cost of such test shall be born by the CONTRACTOR and no extra compensation will be allowed. Any failure of sample tests or a lack of immediate notification of delay shall be automatic cause for rejection of that part of the work at the OWNER's discretion.

- D. The CONTRACTOR shall designate a location where the tube will be impregnated with resin prior to installation. The CONTRACTOR shall allow the OWNER and/or OWNER to inspect the materials and the "wet-out" procedure.
- E. The CONTRACTOR shall submit construction schedules for advance approval by the OWNER. At no time will any service lateral remain inoperative for more than an eight (8) hour period. Any service that will be out of service for more than eight (8) hours will be temporarily by-passed into a mainline sanitary sewer, at the CONTRACTOR's expense.
- F. The materials and processes must be reasonably available for pre-installation, installation and post-installation inspections. Areas which require inspection include, but are not limited to, the following:
 - 1. Product materials should exhibit sufficient transparency to visually verify the quality of resin impregnation.
 - 2. Temperature sensing devices, such as thermocouples, shall be located between the existing pipe and the CIPP to ensure the quality of the cure of the wall laminate.

3.06 LINER INSTALLATION FOR MAIN LINES

- A. After the inversion is complete, the CONTRACTOR shall supply a suitable heat source and water recirculation equipment to circulate heated water throughout the pipeline. The equipment shall be capable of delivering hot water throughout the pipeline to uniformly raise the water temperature to a level required to effectively cure the resin. The heat source shall be fitted with suitable monitors to gauge the temperature of the incoming and outgoing water supply. Another such gage shall be placed between the tube and the host pipe at the termination end at or near the bottom to determine the temperatures during cure. Water temperature in the pipe during the cure period shall be as recommended by the resin manufacturer.
- B. Initial cure shall be deemed complete when the exposed portions of the tube appear to be hard and sound and the temperature sensor indicates that the temperature is of a magnitude to realize an exotherm. The cure period shall be of a duration recommended by the resin manufacturer and may require continuous recirculation of the water to maintain the temperature. The CONTRACTOR shall have on hand at all times, for use by his personnel and the OWNER, a digital thermometer or other means of accurately and quickly checking the temperature of exposed portions of the liner.
- C. CIPP installation shall be in accordance with ASTM F1216, Section 7, or ASTM F1743, Section 6, with modifications as listed herein.
- D. Resin Impregnation: The quantity of resin used for tube impregnation shall be sufficient to fill the volume of air voids in the tube with additional allowances for polymerization shrinkage and the loss of resin through cracks and irregularities in the original pipe wall. A vacuum impregnation process shall be used. To insure thorough resin saturation throughout the length of the felt tube, the point of vacuum shall be no further than 25 feet from the point of initial resin introduction. After vacuum in the tube is established, a vacuum point shall be no further than 75 feet from the leading edge of the resin. The leading edge of the resin slug shall be as near to perpendicular as possible. A roller system shall be used to uniformly

distribute the resin throughout the tube. If the Installer uses an alternate method of resin impregnation, the method must produce the same results. Any alternate resin impregnation method must be proven.

- E. Tube Insertion: The wetout tube shall be positioned in the pipeline using either inversion or a pull-in method. If pulled into place, a power winch should be utilized and care should be exercised not to damage the tube as a result of pull-in friction. The tube should be pulled-in or inverted through an existing manhole or approved access point and fully extend to the next designated manhole or termination point.
- F. Temperature gauges shall be placed inside the tube at the invert level of each end to monitor the temperatures during the cure cycle.
- G. Curing shall be accomplished by utilizing hot water under hydrostatic pressure in accordance with the manufacturer's recommended cure schedule.
- H. Cooldown: The CONTRACTOR shall cool the hardened pipe to a temperature below 100 F before relieving the hydrostatic head. Cooldown may be accomplished by the introduction of cool water into the inversion standpipe to replace water being pumped out of the manhole. Care should be taken in release of static head so that vacuum will not be developed that could damage the newly installed liner.
- I. Finish: The new pipe shall be cut off in the manhole at a suitable location. The finished product shall be continuous over the length of pipe reconstructed and be free from dry spots, delamination and lifts. Should the liner not make a tight seal at the inside manhole wall, a watertight seal shall be made by use of extra polyester fiber felt and epoxy resin. Pipe entries and exists shall be smooth, free of irregularities, and watertight. No visible leaks shall be present and the CONTRACTOR shall be responsible for grouting to remove leaks or fill voids between the host pipe and the liner. 100% of all lateral reconnections, drop connections and manhole connections are to be chemically grouted. During the warranty period, any defects which will affect the integrity or strength of the product shall be repaired at the CONTRACTOR's expense, in a manner mutually agreed upon by the OWNER and the CONTRACTOR.

3.07 REINSTATEMENT OF SERVICE LATERALS, BRANCH CONNECTIONS, AND DROP MANHOLE CONNECTIONS

- A. After the pipe has been cured in place, the CONTRACTOR shall reconnect the existing service connections. This shall be done from the interior of the pipeline without excavation using a robotic cutter. Where holes are cut through the liner, they shall be neat and smooth in order to prevent blockage at the service connections. Cut-in service connections shall be opened to a minimum of 95 percent of the flow capacity of the building sewer. Cuts shall be wire-brushed to remove jagged edges. All coupons shall be recovered at the downstream manhole and removed. The CONTRACTOR shall stop all visible leaks, including at service connections. All reinstated service lateral connections (between the liner and the existing pipe) shall be grouted.
- B. The CONTRACTOR shall seal all laterals after the reinstatements are 100% cut and brushed. The sealing is to be in compliance with ASTM F2454. The lateral sealing area is to include the first joint or 18" into the lateral pipe whichever is more. A test is necessary after the annular space is sealed in keeping with the ASTM Standard. If the test fails any resealing will be done at the expense of the contractor. All grout sealing required (lateral connections and manholes penetrations) are to be 100% complete before the final video is done to document that the completed section is ready to be submitted for payment. The

final video must show the entire surface of the lateral (pan the lateral) and the up and down stream manhole connections. During the sealing and testing of the lateral connections the contractor is to have an inspector present to document the procedure. The contractor is also directed to video tape the seal and completed testing as follows. To be paid for a lateral reinstatement the video must show 1) a 5 second video prior to sealing, 2) a 15 second video of the test pressure showing the lateral passed the pressure test. The screen must have the lift station number, manhole to manhole numbers and the station footage of the lateral on the main. The video must not run the entire time, just as described above.

- C. It is the intent of these specifications that service laterals be reopened without excavation, utilizing a remote controlled cutting device, monitored by a video TV camera. The Contractor shall certify he has a minimum of 2 complete working cutters plus spare key components on the site before each liner installation. No additional payment will be made for excavations for the purpose of reopening connections and the Contractor will be responsible for all costs and liability associated with such excavation and restoration work.
- D. Unless otherwise directed by the OWNER, all laterals will be reinstated. The OWNER will provide specific direction concerning any laterals that will be abandoned and will therefore not require reinstatement. The CONTRACTOR shall abandon a lateral by not reinstating the lateral only with the written consent of the OWNER.
- E. The language in this section applies equally to branch connections and drop manhole connections.

3.08 ACCEPTANCE

- A. The finished liner shall be continuous over the entire length of the installation. The liner shall be free from visual defects, damage, deflection, holes, delamination, uncured resin, and the like. No pinholes, cracks, thin spots, dry spots, or other defects in the liner will be permitted. There shall be no visible infiltration through the liner or from behind the liner at manholes and service connections. Cut-ins and attachments at service connections shall be neat and smooth.
- B. Ridges or wrinkles in the installed liner shall be accepted or rejected at the sole discretion of the OWNER. If, in the opinion of the OWNER, such defects could cause structural weakening of the liner, impede the progress of a camera during internal television inspection, or encourage solids deposition and potential interruptions to flow, such defects shall be corrected at the CONTRACTOR's expense in a manner acceptable to the OWNER.

3.10 WET-OUT AND CURE REPORT

- A. The CONTRACTOR shall submit "wet-out" and "cure" reports documenting the specific details of the liner's vacuum impregnation and saturation with resin and the CIPP installation of the liner. A copy of all "wet-out" and "cure" records shall be made available to the OWNER upon request, and shall be turned over to the OWNER on a weekly basis and prior to request for payment. If the "wet-out" and "cure" reports are not presented prior to a payment request for a repair work order, payment for the work will not be made and the request will be rejected. At a minimum, this report shall include, in addition to CONTRACTOR and Contract identification:

1. Line identification and location
2. Wet-out date
3. Sample identification(s) and technician
4. Installation (in sewer) date
5. Host sewer pipe inside diameter
6. Liner thickness
7. Liner length
8. Liner and resin batch numbers
9. Resin type
10. Wet-out length
11. Quantity of resin and catalyst utilized
12. Wet-out technicians
13. Time wet-out started and completed
14. Applicable remarks
15. Boiler and liner heating fluid pressure and temperature versus time log during cure period
16. Cool down report

3.11 CLEANUP

- A. After the liner installation has been completed and accepted, the CONTRACTOR shall cleanup the entire project area and return the ground cover to the original or better condition. All excess material and debris not incorporated into the permanent installation shall be disposed of by the CONTRACTOR.

3.12 TELEVISION SURVEY

- A. Television survey, including Preconstruction Survey, Post Construction Survey, and Warranty Survey, as indicated in Section 02752 "Television Survey", is required for all cured-in-place lining, including main lines and service laterals, and shall be completed within 2 weeks of liner installation.

3.13 PUBLIC NOTIFICATION

- A. The Contractor shall make every effort to maintain service usage throughout the duration of the project. In the event that a service will be out of service, the maximum amount of time of no service shall be 8 hours for any property served by the sewer. A public notification program shall be implemented, and shall as a minimum, require the Contractor to be responsible for contacting each home or business connected to the sanitary sewer and informing them of the work to be conducted, and when the sewer will be off-line. The Contractor shall also provide the following:
 - 1. Whether or not an interruption in service is expected, written notice to be delivered to each home or business the day prior to the beginning of work being conducted on the section, and a local telephone number of the Contractor the home or business can call to discuss the project or any problems which could arise.
 - 2. Personal contact with any home or business which cannot be reconnected within the time stated in the written notice.

3.14 WARRANTY

- A. The liner shall be certified by the manufacturer for specified material properties for a particular job. The manufacturer warrants the liner to be free from defects in raw materials for five years from the date of acceptance. During the warranty period, any defects which affect the integrity or strength of the pipe shall be repaired at the CONTRACTOR's expense in a manner mutually agreed by the OWNER and the CONTRACTOR.
- B. The CONTRACTOR warrants his work to be sealed tight at each end of the liner, drop connections, and also at each service connection for a period of five years.

– END OF SECTION –

CURED-IN-PLACE PIPE LINING - LATERALS

1.0 INTENT

This specification covers material requirements, installation practices, and test methods for the reconstruction of a sewer service lateral pipe and the main connection without excavation. The pipe renovation shall be accomplished by the inversion and inflation of a resin impregnated, single-piece lateral and main connection liner. When cured, the liner extends over a predetermined length of the service lateral and the full circumference of the main pipe at the connection (CIPP) outfitted with gasket seals. The Materials and Installation practices shall, at a minimum, adhere to the requirements of ASTM F2561-11 "Standard Practice for Rehabilitation of a Sewer Service Lateral and its Connection to the Main Using a One-Piece Main and Lateral Cured-in Place Liner"

This specification takes precedence over any other similar specification that may be found in other sections of the bid documents.

2.0 GENERAL

The reconstruction shall be accomplished using a resin absorbent textile tube of particular length and a thermo-set resin with physical and chemical properties appropriate for the application. The launching device and launching hose is winched through the mainline and positioned at the appropriate service lateral connection. The mainline bladder is inflated seating the hydrophilic seals and presses the connection liner against the main pipe at the connection while the lateral tube inverts up into the lateral pipe by the action of the inversion bladder. The resin-saturated liner is cured, the hydrophilic gaskets are in place then the inversion bladder and launching device are removed.

3.0 PRODUCT AND INSTALLER ACCEPTABILITY

- A. All sewer products are intended to have a minimum 50-year design life, in order to minimize the owner's long term risk of failure, only proven products and installers with substantial successful long term track records will be considered.
- B. Products and installers must document the following minimum criteria to be deemed commercially acceptable:

<u>Product</u>	<u>Unit</u>	<u>Florida Minimum Requirement</u>	<u>U.S. Minimum Requirement</u>
Lateral Liner	LF	50,000	500,000
Main / Lateral Connections	EA	4,000	40,000
Stack Single or Double Wye	EA	25	25
Lateral Transitions	EA	100	500

- 3.1 For materials and product to be considered commercially proven, the above referenced minimum units of successful wastewater collection system installations must be documented to the satisfaction of the owner to assure commercial viability of the proposed liner system. If changes in the product (installation, resin, materials, configuration, assembly, seals) did occur the date and scope of changes must be part of the product history documentation for the owner to review and tabulated to show the quantity of each specific product type or version. Any modifications to the finished product bid must show the date and reason the change was made.
- 3.2 All sewer rehabilitation products submitted for approval must provide third party test results supporting the long term performance and structural strength of the product and such data shall be satisfactory to the owner. Tests are to include the main, laterals, and main/lateral connection materials and hydrophilic gasket seals. Test samples shall be prepared so as to simulate installation methods and trauma of the product. No product will be approved without independent third party testing verification for all components proposed.
- 3.3 The Contractor (the firm bidding) must meet the minimum requirements above. This is a company requirement; personal history is valuable, however will not be considered in evaluating the company's ability to meet the minimum requirements of this specification. The Contractor must have installed the same product (in the same constructed configuration) proposed for a minimum of five years.

4.0 MATERIAL

- 4.1 *Liner Assembly*- The liner assembly shall be continuous in length and consist of one or more layers of absorbent needle punched felt, circular knit or circular braid that meet the requirements of ASTM F1216 and ASTM D5813 Sections 6 and 8. No intermediate or encapsulated elastomeric layers shall be in the textile that may cause de-lamination in the CIPP. The textile tube and sheet shall be constructed to withstand installation pressures, have sufficient strength to bridge missing pipe segments, and flexibility to fit irregular pipe sections. The resin saturated textile tube and sheet shall meet ASTM F 1216, 7.2 as applicable, and the tube shall have 5% to 10% excess resin distribution (full resin contact with the host pipe) that when compressed and cured will meet or exceed the design thickness.
- 4.2 *Mainline Liner Tube*- The main liner tube shall be formed from a flat sheet of resin absorbent material suitable for CIPP. The forming of the tube is accomplished by one end of the textile sheet overlapping the second end and sized accordingly to create a circular lining equal to the inner diameter of the lined main pipe. The interior of the textile sheet shall be laminated with an impermeable, translucent flexible membrane. The textile sheet before insertion shall be permanently marked on the membrane as a "Lateral Identification" correlating to the address of the building the lateral pipe provides service.
- 4.3 *Lateral Liner Tube*- The exterior of the lateral liner tube shall be laminated with an impermeable, translucent flexible membrane. Longitudinal seams in the tube shall be stitched and thermally sealed. The lateral tube will be continuous in length. The lateral tube will be capable of conforming to offset joints, bends, bells, disfigured pipe sections and pipe diameter transitions.

- 4.4 *Mainline Connection-* The main tube and lateral tube shall form a one-piece assembly by stitching the lateral tube to the mainsheet aperture. The connecting end of the lateral tube shall be shaped to match the aperture and curvature of the main tube. The lateral tube and main tube shall be sealed by use of a flexible UV cured adhesive/sealant. The main/lateral tube assembly shall take the shape of a “TEE” or “WYE” with corresponding dimensions such as a curved circle or a curved elliptical opening in the pipefitting. Submittals for the liner assembly must include the manufacturer’s assembly methods and test protocol for the main/lateral liner assembly to be certified as airtight prior to resin saturation. Each liner assembly must include this test data and be certified by the manufacturer to be airtight prior to resin saturation.
- 4.5 *Gasket Seals-* The mainline connection shall include a seamless molded flange shaped gasket attached to the main liner tube. The gasket must be a minimum of 2.5mm and must retain this minimum thickness under installation pressures. The lateral tube shall include a compression O-ring gasket attached six-inches from the terminating end of the lateral tube. The gasket seals required must be a manufactured molded neoprene seal. Paste or caulk type of sealants are not acceptable. All seals must be visible after the installation to verify their proper placement.
- 4.6 *Mainline End Seal Test Data-* The hydrophilic gasket seals shall include test data that supports substantial expansion properties so to form a watertight compression end seal at the terminating ends of the CIP-lateral liner. The test protocol shall simulate subterranean conditions and hydraulic loading at surface. Gasket seal submittals must include tests data simulating hydration/ dehydration conditions for a period of 10,000-hours and the test results must successfully demonstrate and document long-term performance without deterioration, loss of material, flexibility, and expansion of the gasket during repeated cycles of hydration and dehydration.
- 4.7 *Bladder Assembly-* The liner assembly shall be surrounded by a second impermeable, inflatable, invertible, flexible translucent membrane bladder that will form a liner/bladder assembly. The translucent bladder shall facilitate vacuum impregnation while monitoring the resin saturation process.

5.0 RESIN SYSTEM

- 5.1 The resin/liner system shall conform to ASTM D5813 Section 8.2.2.
- 5.2 The resin shall be a corrosion resistant polyester, vinylester, epoxy or silicate resin and catalyst system that when properly cured within the composite liner assembly, meets the requirements of ASTM F1216, the physical properties herein, and those which are to be utilized in the design of the CIPP, for this project.
- 5.3 The resin shall produce a CIPP, which will comply with the structural and chemical resistance requirements of ASTM F1216.

Table 1 CIPP INITIAL STRUCTURAL PROPERTIES

Property	ASTM Test	Minimum Value	
		PSI	(MPa)
Flexural Strength	D 790	4,500 (31)	
Flexural Modulus	D 790	250,000	(1,724)

6.0 DESIGN CONSIDERATIONS

- 6.1 The CIPP shall be designed per ASTM F1216, Appendix X1.
- 6.2 The CIPP design for the lateral tube and main sheet shall assume no bonding to the original pipe.
- 6.3 The resin saturated lateral tube and the main sheet must place the resin in full contact with the host pipe. The cured liner must have any coating on the interior of the lateral piping.
- 6.4 The liner must be smooth and have an average roughness coefficient “n” factor of 0.013 or lower.

7.0 REFERENCES

- 7.1 ASTM F-2561 - Standard Practice for Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One-Piece Main and Lateral Cured-In-Place Liner.
- 7.2 ASTM F1216 - Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube.
- 7.3 ASTM D-790 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
- 7.4 ASTM D-792 Standard Test Methods for Density and Specific Gravity of Plastics by displacement.
- 7.5 ASTM D-2990 Standard Test Methods for Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics
- 7.6 ASTM D5813 Standard Specification for Cured-in Place Thermosetting Resin Sewer Pipe.

ASTM F2561-11 references several complementing standards; one of which is ASTM F1216. The ASTM F1216 standard is referenced for purposes of tube design considerations for a CIPP. ASTM F1216 is not a lateral pipe lining standard and is not applicable to the sealing of lateral connections to mainline pipe and a branch pipe using CIPP. ASTM F2561 is the industry standard for renewing lateral pipes and main/lateral connections with CIPP and pre-molded compression gaskets.

8.0 INSTALLATION RECOMMENDATIONS

- 8.1 *Access Safety* – Prior to entering access areas such as manholes, an excavation pit, performing inspection or cleaning operations, an evaluation of the atmosphere to determine the presence of toxic or flammable vapors or lack of oxygen shall be undertaken in accordance with local, state, or federal safety regulations.
- 8.2 *Cleaning and Inspection* – As per NASSCO Standards.
- 8.3 *Cleaning Accessing the Lateral Pipe* – A cleanout is required to be located on the exterior of the building. The cleanout fitting shall be TEE shaped so to allow upstream and downstream access to the lateral pipe. The cleanout shall be located within two (2) feet of where the finished liner is to terminate.
- 8.4 *Plugging* – The upstream side of the cleanout shall be plugged during insertion and curing of the liner assembly ensuring no flows enter the pipe and no air, steam or odors will enter the building. When required, the main pipe flows will be by-passed. The pumping system shall be sized for peak flow conditions. The upstream manhole shall be monitored at all times and an emergency deflating system will be incorporated so that the plugs may be removed at any time without requiring confined space entry.
- 8.5 *Inspection of Pipelines* – The interior of the pipeline shall be carefully inspected to determine the location of any condition that shall prevent proper installation, such as roots, severe offsets, and collapsed or crushed pipe sections. Experienced personnel trained in locating breaks, obstacles, and service connections by closed circuit television shall perform inspection of pipelines.
- 8.6 *Line Obstructions* – The existing lateral pipe shall be clear of obstructions that prevent the proper insertion and expansion of the lining system. Changes in pipe size shall be accommodated, if the lateral tube is sized according to the pipe diameter and condition. Obstructions may include dropped or offset joints of no more than 20% of inside pipe diameter.
- 8.7 *Resin Impregnation* – The liner assembly is encapsulated within the translucent bladder (liner/bladder assembly), the entire liner including the flat sheet shall be saturated with the resin system (wet-out) under controlled vacuum conditions. The volume of resin used shall be sufficient to fill all voids in the textile lining material at nominal thickness and diameter. The volume shall be adjusted by adding 5% to 10% excess resin for the change in resin volume due to polymerization and to allow for any migration of resin into the cracks and joints in the original pipe. No dry or unsaturated area in the mainline sheet or lateral tube shall be acceptable upon visual inspection.
- 8.8 *Liner Insertion* – The lateral tube and inversion bladder shall be inserted into the launching hose. The main bladder and flat textile sheet (main liner tube) shall be wrapped around a “T” launching device, formed into a tube and secured by use of rubber bands. A seamless molded flange shaped gasket shall be attached to the main liner tube by use of stainless steel snaps. The flanged gasket shall be inserted into the lateral pipe at the main/lateral juncture so that the brim of the flanged gasket is firmly seated against the mainline pipe liner. An O-ring end seal shall be positioned 6-inches from the terminating end of the lateral liner tube. The launching device is inserted into the pipe and pulled to the point of repair. The pull is complete

when the lateral tube is exactly aligned with the lateral pipe connection. The lateral tube is completely protected during the pull. The mainline liner is supported on a rigid "T" launcher that is elevated above the pipe invert through the use of a rotating skid system. The liner assembly shall not be contaminated or diluted by exposure to dirt or debris during the pull.

- 8.9 *Bladder* – The main bladder shall be inflated causing the main sheet to unwrap and expand; pressing the main tube firmly into contact with the main pipe and embedding the flange shaped gasket between the main tube and the main pipe at the lateral opening. The lateral tube is inverted through the main tube aperture by the action of the lateral bladder extending into the lateral pipe to a termination point that shall be no less than 2-feet from the exterior cleanout. The bladder assembly shall extend beyond each end of the liner, so the liner remains open-ended and no cutting shall be required.

8.0 CIPP PROCESSING

- 9.1 *Curing* – After the liner has been fully deployed into the lateral pipe, pressure is maintained pressing the liner firmly against the inner pipe wall until the liner is cured at ambient temperatures or by a suitable heat source. The heating equipment shall be capable of delivering a mixture of steam and air throughout the liner bladder assembly to a uniform raise the temperature above the temperature required to cure the resin. The curing of the CIPP shall take into account the existing pipe material, the resin system, and ground conditions (temperature, moisture level, and thermal conductivity of the soil). The heat source temperatures shall be monitored and logged during the cure and cool down cycles. The manufacturer's recommended cure schedule shall be submitted and followed.
- 9.2 *CIPP Processing* – Curing shall be done without pressure interruption with air or a mixture of air and steam for the proper duration of time per the resin manufacturer's recommendations. The curing process is complete when the temperature of the CIPP reaches 100 degrees Fahrenheit or less.

9.0 FINISH

The finished CIPP – CIPP Shall be a homogenous CIPP liner assembly located within a lateral service pipe for a specific length, and extending into the main pipe to renew 18-inches of the main pipe at the main/lateral service connection. The CIPP shall be smooth with minimal wrinkling and shall increase flow rate. The CIPP shall be free of dry spots, lifts, and delamination. The CIPP shall include a textile taper at each end providing a smooth transition to the host mainline liner for accommodating video equipment and maintaining proper flow in the mainline. After the work is completed, the installer will provide the owner with video footage documenting the repair and the visual markings on the CIPP liner assembly identifying the building address. The finished product shall provide a verifiable non-leaking connection between the mainline liner and the CIP-Lateral liner.

10.0 RECOMMENDED INSPECTION AND TESTING PRACTICES

- 10.1 *Sampling* – As designated in the purchase agreement, the preparation of a CIPP sample is required. The sample shall be prepared by securing a flat plate mold using the textile tube material and resin system as used for the rehabilitated pipe.

- 10.2 *Pressure* – The pressure applied on the plate sample will be equal to the highest pressure exerted on the lateral tube during the inversion process.
- 10.3 *Length* – The minimum length of the sample must be able to produce at least five specimens for testing in accordance with ASTM D-790-03.
- 10.4 *Conditioning* – Condition the test specimens at $73.4 \pm 3.6^\circ \text{F}$ ($23 \pm 2^\circ \text{C}$) and $50 \pm 5\%$ relative humidity for not less than 40 hours prior to test in accordance with Practice ASTM D 618, for those tests where conditioning is required.
- 10.5 *Short-Term Flexural (Bending) Properties* – The initial tangent flexural modulus of elasticity and flexural stress shall be measured for gravity and pressure pipe applications in accordance with Test Method D 790 and shall meet the minimum requirements of Table 1.
- 10.6 *Gravity Pipe Leakage Testing* – If required by the owner in the contract documents or purchase order, gravity pipes should be tested using an air test method where a test plug is placed adjacent to the upstream and downstream ends of the main sheet CIPP and at the upper most end of the lateral tube. This test should take place no less than 72-hours after returning the lateral pipe back into service. This test is limited to pipe lengths with no service connections. The test pressure shall be 4-PSI for a test time of three-minutes; the pressure shall not drop below 3.5 PSI.

11.0 WARRANTY

All CIPP liners shall be certified by the manufacturer for specified material properties for the particular repair. The manufacturer warrants the liner to be free from defects in raw materials for ten years from the date of acceptance. The contractor guarantees the work to be free from defects caused by faulty workmanship for a period of five years from the date of acceptance. During the warranty period, any defects which affect the integrity, strength or water tightness of the installed pipe shall be repaired at the contractor's expense.

– END OF SECTION –

SUB-CONTRACTORS UTILIZED ON THE PROJECT

List all Sub-contractors used to quote the project. Sub-contractor may not be changed or subtitled on the project without written permission from the owner.

Company Name: _____

Contact: _____

Phone: _____

Contractor License #: _____

List Bid Items sub-contractor will perform:

Company Name: _____

Contact: _____

Phone: _____

Contractor License #: _____

List Bid Items sub-contractor will perform:

Company Name: _____

Contact: _____

Phone: _____

Contractor License #: _____

List Bid Items sub-contractor will perform:

Use additional sheets if necessary.

PROJECT No. 2019-12-UTL
Bid NAME: Sewer Pump/Lift Station Rehabilitation
and Repair

HG Job No. 19-0260-00

BID DUE - Wednesday, September 18, 2019 @ 3:00 PM

SUBMITTED TO:

City of Cooper City
Office of the City Clerk
9090 SW 50th Place
Cooper City, Florida, 33328



SUBMITTED BY: Hinterland Group, Inc.



2051 W Blue Heron Blvd
Riviera Beach, FL 33404
561-640-3503
Email: info@hinterlandgroup.com

ATTACHMENT A
(Page 1 of 5)

City of Cooper City, Florida

Bid Form
(5 pages)

**SEWER PUMP/LIFT STATION REHABILITATION
AND REPAIR
ITB 2019-12-UTL**

Bids Due: Tuesday, September 10, 2019

For information, contact the Purchasing Division:

Claudia Portocarrero - Purchasing Assistant
Tel: 954-434-4300 ext. #297
Purchasing@CooperCityFL.org

Release Date: Thursday, August 8, 2019

Submitted by: Hinterland Group Inc.

(Company name)

PLEASE SUBMIT ONLY THIS BID FORM (5 PAGES) AND THE REQUIRED ATTACHMENTS.

ATTACHMENT A

(Page 3 of 5)

Specific questions related to the Scope of Services requested shall be directed in writing to the City of Cooper City Purchasing Division. Questions must be emailed to Purchasing@CooperCityFL.org, who may respond in kind with copies to all Bidders. **The deadline for submission of questions is 5:00PM, Thursday, September 3, 2019.**

The successful bidder shall be required to execute a City contract covering the scope of services to be provided and setting forth the duties, rights and responsibilities of the parties. This contract must be executed by the successful bidder prior to recommendation of award and presentation to the City Commission.

6. Summary of Documents to be submitted with Bid

	Bid Form
	Reference Form
	Public Entity Crimes (PEC) Form
	ADA Affidavit
	Business Entity Affidavit
	Bidder's Foreign (Non-Florida) Corporate Statement (if applicable)
	W-9, Request for Taxpayer Identification Number
	Proof of Workers' compensation Insurance or Exemption
	Proof of Liability Insurance
	Ownership Disclosure Affidavit
	Drug-Free Workplace Certificate
	Employee Background Verification Affidavit
	Scrutinized Companies Affidavit
	Performance/Payment Bond
	Detail Pricing Sheet

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK.

ATTACHMENT A
(Page 2 of 5)

Project: SEWER PUMP/LIFT STATION REHABILITATION AND REPAIR
Contract Identification: ITB 2019-12-UTL
Bids submitted to: Office of the City Clerk
City of Cooper City
9090 SW 50th Place
Cooper City, Florida, 33328

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with City in the form included in the contract documents to perform and furnish all work as specified or indicated in the contract documents for the contract price and within the contract time indicated in this bid and in accordance with the other terms and conditions of the contract documents.
2. Bidder accepts all of the terms and conditions of the advertisement of Invitation to Bid and Instruction to Bidders including, without limitation, those dealing with the Bid requirements. This Bid will remain in full force for 90 days from the date of the bid opening. Bidder will sign and submit an agreement with the Bonds and other documents required by the Bidding Requirements within fifteen days after the City's notice of award.
3. In submitting this Bid, Bidder represents, as more fully set forth in the Agreement that:
 - a. Bidder has examined copies of all plans, and bidding documents, contract specifications and instruction to bidders.
 - b. Bidder has familiarized itself with the nature and extent of the Contract Documents, work site, locality, local conditions and the laws and regulations that in any manner may affect the cost, progress, performance or furnishing of the work.
 - c. Bidder has studied carefully all reports and drawings of the project and the physical conditions of the project site areas and accepts the extent of the technical data contained in such reports and drawings upon which Bidder is entitled to rely.
 - d. Bidder has correlated the results of their studies and reviews, observations, investigations, explorations, tests, and studies with the terms and conditions of the contract documents.
 - e. Bidder has given City written notice of all conflicts, errors or discrepancies that is has discovered in these documents and the written resolution thereof by City is acceptable to Bidder.
 - f. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporate and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false Bid, and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or the City.
4. **Bid Copies**
ONE (1) ORIGINAL, TWO (2) COPIES and ONE (1) ELECTRONIC COPY (Flash Drive or CD) of the Bid should be submitted to the City of Cooper City, City Hall, 9090 SW 50th Place, Cooper City, Florida 33328, to the attention of the Office of the City Clerk. If by US mail, Bids shall be submitted to PO Box 290910, Cooper City, Florida 33329-0910.
5. **Addenda, Additional Information-Contact with City Staff**
Any addenda or answers to written questions supplied by the City to participating Bidders become part of this Invitation to Bid and the resulting contract. The Bid Form shall be signed by an authorized company representative dated and returned with the proposal Bid.

No negotiations, decisions or actions shall be initiated or executed by the Bidder as result of any discussions with any City employee. Only those communications which are in writing from the City may be considered as a duly authorized expression. Also, only communications from bidder that are signed and in writing will be recognized by the City as duly authorized expressions on behalf of the bidder.

ATTACHMENT A
(Page 4 of 5)

Bidder's Contact Information

Name of Company: Hinterland Group Inc.
Address: 2051 W Blue Heron Blvd
Riviera Beach, FL 33404
Type of Business Corporation

Primary Contact: Chase Rogers
Title: Project Director
Tel: 561-640-3503 Mobile: N/A
Email Address (Required): info@hinterlandgroup.com

Alternate Contact: Emily Meng
Title: Bid Coordinator
Tel: 561-640-3503 Mobile: N/A
Email Address (Required): info@hinterlandgroup.com
Company's Website: www.hinterlandgroup.com

Remit to Address: 2051 W Blue Heron Blvd
Riviera Beach, FL 33404
Remit to Contact: Name: A/R Accounting Tel: 561-640-3503

Remit to Email: egately@hinterlandgroup.com & ssacket@hinterlandgroup.com

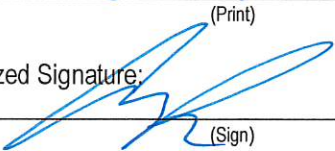
ATTACHMENT A
(Page 5 of 5)

PRICING SHEET

Grand Total (from Attachment N) \$ 1,715,687.00

Grand Total in Words One Million Seven Hundred Fifteen Thousand Six Hundred Eighty-Seven Dollars and 00/100

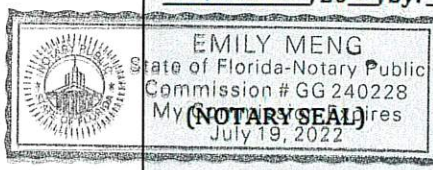
Submitted by:
Chase R Rogers - Project Director
(Print)

Authorized Signature: 
(Sign)

Company Name:
Hinterland Group Inc.

Date:
09/09/2019



STATE: FLORIDA
COUNTY: <u>Palm Beach</u>
Sworn to (or affirmed) and subscribed before me this <u>9</u> day of <u>September</u> , 20 <u>19</u> , by: <u>Chase R Rogers</u>
 STATE OF FLORIDA - NOTARY PUBLIC COMMISSION # GG 240228 MY COMMISSION EXPIRES (NOTARY SEAL) July 19, 2022
<u>Emily Meng</u> Name of person making statement
<u>Emily Meng</u> Signature of Notary Public - State of Florida
<u>Emily Meng</u> Name of Notary Typed, Printed, or Stamped
Personally Known <input checked="" type="checkbox"/> OR Produced Identification <input type="checkbox"/>
Type of Identification Produced _____

Attachment N

Item #	Title	Quantity	Unit of Measure	Unit Price	Total
1	Mobilization for Routine Work Order from \$0.00 to \$25,000.00	3	Each	\$ 3,000.00	\$ 9,000.00
2	Mobilization for Routine Work Order from \$25,000.01 to \$100,000.00	3	Each	\$ 2,500.00	\$ 7,500.00
3	Mobilization for Routine Work Order over \$100,000.00 (PERFORMANCE BOND REQUIRED)	1	Each	\$ 2,500.00	\$ 2,500.00
4	Mobilization for Urgent Work Order from \$0.00 to \$25,000.00	1	Each	\$ 4,500.00	\$ 4,500.00
5	Mobilization for Urgent Work Order over \$25,000.01 to \$100,000.00	1	Each	\$ 3,000.00	\$ 3,000.00
6	Mobilization for Urgent Work Order over \$100,000.00 (PERFORMANCE BOND REQUIRED)	1	Each	\$ 5,000.00	\$ 5,000.00
7	Project Planning Cost (When no work order is issued)	2	Each	\$ 100.00	\$ 200.00
8	Demolish Slab on Grade, < 8 inches thick	400	Square Feet	\$ 2.00	\$ 800.00
9	Demolish Slab over Wet Well or Vault > 8 inches < 12 inches thick	400	Square Feet	\$ 10.00	\$ 4,000.00
10	Demolish and Remove Asphalt Paving	1,000	Square Feet	\$ 3.00	\$ 3,000.00
11	Demolish and Remove Valve Vault (up to 6' deep) and Top Slab (up to 12" thick)	3	Each	\$ 3,500.00	\$ 10,500.00
12	Removal & Disposal of existing Pipe up to 8"	100	Linear Feet	\$ 2.00	\$ 200.00
13	Removal & Disposal of existing Pipe 10" to 16"	100	Linear Feet	\$ 4.00	\$ 400.00
14	Remove existing Chain Link Fence	100	Linear Feet	\$ 5.00	\$ 500.00
15	Deactivation, Flush and Grout Existing Pipe up to 8"	300	Linear Feet	\$ 10.00	\$ 3,000.00
16	Deactivation, Flush and Grout Existing Pipe 10" to 16"	301	Linear Feet	\$ 12.00	\$ 3,612.00
17	Fill in Abandoned Wet Well or Valve Vault (cut & remove top 5')	20	Cubic Yard	\$ 350.00	\$ 7,000.00
18	Fill in Abandoned Dry Well/Can (Cut & Remove Top 5')	40	Cubic Yard	\$ 300.00	\$ 12,000.00
19	F&I and Operate Temporary By-pass Pumps and Piping (4")	60	Days	\$ 350.00	\$ 21,000.00
20	F&I and Operate Temporary By-pass Pumps and Piping (6")	60	Days	\$ 500.00	\$ 30,000.00
21	F&I Temporary Line Stop (4" to 6")	2	Each	\$ 5,000.00	\$ 10,000.00
22	F&I Temporary Line Stop (8" to 12")	2	Each	\$ 7,500.00	\$ 15,000.00
23	F&I Temporary Line Stop (14" to 24")	1	Each	\$ 18,000.00	\$ 18,000.00
24	Asphalt Pavement Overlay (2" thick, Asphalt Type SP 9.5: 20-100 per work area) Including Milling and Resurfacing	100	Tons	\$ 300.00	\$ 30,000.00
25	F&I 3/4 inch Washed Rock over Weed Barrier	1,000	Square Feet	\$ 5.00	\$ 5,000.00
26	F&I Bahia Sod	1,000	Square Feet	\$ 5.00	\$ 5,000.00
27	F&I Floratam Sod	1,000	Square Feet	\$ 6.00	\$ 6,000.00
28	F&I New 6' PVC Fence	250	Linear Feet	\$ 40.00	\$ 10,000.00
29	F&I New 6' Wood Shadowbox Fence	250	Linear Feet	\$ 25.00	\$ 6,250.00
30	Core Hole in Concrete up to 12" thick (less than 6" diameter)	6	Each	\$ 200.00	\$ 1,200.00
31	Core Hole in Concrete up to 12" thick (6 inch to 12" diameter)	6	Each	\$ 500.00	\$ 3,000.00
32	Core Hole in Concrete up to 12" thick (over 12" diameter)	1	Each	\$ 1,500.00	\$ 1,500.00
33	F&I Precast Wet Well Structure (6' diameter)	20	Vertical Feet	\$ 2,600.00	\$ 52,000.00
34	F&I Precast Wet Well Structure (8' diameter)	20	Vertical Feet	\$ 3,600.00	\$ 72,000.00
35	F&I Precast Wet Well Structure (10' diameter)	20	Vertical Feet	\$ 5,000.00	\$ 100,000.00
36	F&I Wet Well Precast Top Slab with 3' x 4' Hatch (6' diameter)	2	Each	\$ 5,000.00	\$ 10,000.00
37	F&I Wet Well Precast Top Slab with 3.5' x 5' Hatch (8' diameter)	2	Each	\$ 6,000.00	\$ 12,000.00
38	F&I Wet Well Precast Top Slab with 4' x 6' Hatch (10' diameter)	2	Each	\$ 8,000.00	\$ 16,000.00
39	F&I Retrofit Hatch (TPD - 300 psf) up to 36" x 48"	2	Each	\$ 1,800.00	\$ 3,600.00
40	F&I Retrofit Hatch (TPD - 300 psf) up to 48" x 54"	2	Each	\$ 2,400.00	\$ 4,800.00

Attachment N

MUST SUBMIT PRICES FOR ALL ITEMS

Item #	Title	Quantity	Unit of Measure	Unit Price	Total
41	F&I Safety Grate Assembly (up to 36" x 48")	2	Each	\$ 1,200.00	\$ 2,400.00
42	F&I Safety Grate Assembly (up to 48" x 54")	2	Each	\$ 1,500.00	\$ 3,000.00
43	F&I Wet Well Fillet	40	Cubic Feet	\$ 10.00	\$ 400.00
44	F&I New Concrete Valve Vault (Interior Dimension 4'Lx6'Wx4'D)	2	Each	\$ 10,000.00	\$ 20,000.00
45	F&I New Concrete Valve Vault (Interior Dimension 5'Lx7'Wx4'D)	2	Each	\$ 12,000.00	\$ 24,000.00
46	F&I Approved Corrosion Barrier System for Existing Wetwell/Manhole/Valve Vault, inc. Repairs & Cleaning	5,000	Square Feet	\$ 15.00	\$ 75,000.00
47	F&I Wet Well and Manhole Cementitious Coating - Brick Structures	2000	Square Feet	\$ 18.00	\$ 36,000.00
48	F&I Injected Chemical Grout in Concrete Structures	200	Gallons	\$ 20.00	\$ 4,000.00
49	Manhole Concrete Bench and Flow Channel Rebuilding	60	Sqare Feet	\$ 25.00	\$ 1,500.00
50	F&I Precast Manhole, 4 foot diameter, 6 feet to 10 feet deep	1	Each	\$ 8,500.00	\$ 8,500.00
51	F&I Precast Manhole, 4 foot diameter, 10 feet to 14 feet deep	1	Each	\$ 13,500.00	\$ 13,500.00
52	F&I Precast Manhole, 4 foot diameter, 14 feet to 18 feet deep	1	Each	\$ 16,000.00	\$ 16,000.00
53	Replace Manhole Ring & Cover (in pavement)	5	Each	\$ 1,200.00	\$ 6,000.00
54	Replace Manhole Ring & Cover with Concrete Collar (non-paved areas)	5	Each	\$ 900.00	\$ 4,500.00
55	Raise Existing Manhole Ring & Cover (up to 3")	10	Each	\$ 500.00	\$ 5,000.00
56	Raise Existing Manhole Ring & Cover (up to 24" Max Manhole Chimney Height)	2	Each	\$ 1,200.00	\$ 2,400.00
57	F&I Reinforced Concrete Slab on Grade (up to 12 inches thick)	50	Cubic Yard	\$ 230.00	\$ 11,500.00
58	F&I Reinforced Formed Concrete	50	Cubic Yard	\$ 250.00	\$ 12,500.00
59	F&I Miscellaneous Unreinforced Formed Concrete	50	Cubic Yard	\$ 250.00	\$ 12,500.00
60	F&I Concrete Sidewalk (6 inch thick unreinforced)	100	Square Yard	\$ 50.00	\$ 5,000.00
61	F&I 4 inch FLG Plug Valve with Stainless Steel Accessories	4	Each	\$ 1,400.00	\$ 5,600.00
62	F&I 6 inch FLG Plug Valve with Stainless Steel Accessories	4	Each	\$ 1,900.00	\$ 7,600.00
63	F&I 8 inch FLG Plug Valve with Stainless Steel Accessories	3	Each	\$ 2,400.00	\$ 7,200.00
64	F&I 10 inch FLG Plug Valve with Stainless Steel Accessories	1	Each	\$ 2,800.00	\$ 2,800.00
65	F&I 12 inch FLG Plug Valve with Stainless Steel Accessories	2	Each	\$ 3,400.00	\$ 6,800.00
66	F&I 4 inch FLG Gate Valve with Stainless Steel Accessories	8	Each	\$ 900.00	\$ 7,200.00
67	F&I 6 inch FLG Gate Valve with Stainless Steel Accessories	8	Each	\$ 1,100.00	\$ 8,800.00
68	F&I 8 inch FLG Gate Valve with Stainless Steel Accessories	6	Each	\$ 1,300.00	\$ 7,800.00
69	F&I 10 inch FLG Gate Valve with Stainless Steel Accessories	2	Each	\$ 1,900.00	\$ 3,800.00
70	F&I 12 inch FLG Gate Valve with Stainless Steel Accessories	4	Each	\$ 2,200.00	\$ 8,800.00
71	F&I 4 inch FLG Check Valve with Stainless Steel Accessories	8	Each	\$ 1,600.00	\$ 12,800.00
72	F&I 6 inch FLG Check Valve with Stainless Steel Accessories	8	Each	\$ 1,900.00	\$ 15,200.00
73	F&I 8 inch FLG Check Valve with Stainless Steel Accessories	6	Each	\$ 2,700.00	\$ 16,200.00
74	F&I 10 inch FLG Check Valve with Stainless Steel Accessories	2	Each	\$ 4,400.00	\$ 8,800.00
75	F&I 12 inch FLG Check Valve with Stainless Steel Accessories	4	Each	\$ 5,900.00	\$ 23,600.00
76	F&I 4 inch MJ Plug Valve with Accessories	4	Each	\$ 1,400.00	\$ 5,600.00
77	F&I 6 inch MJ Plug Valve with Accessories	4	Each	\$ 1,900.00	\$ 7,600.00
78	F&I 8 inch MJ Plug Valve with Accessories	2	Each	\$ 2,400.00	\$ 4,800.00
79	F&I 10 inch MJ Plug Valve with Accessories	2	Each	\$ 2,800.00	\$ 5,600.00
80	F&I 12 inch MJ Plug Valve with Accessories	2	Each	\$ 3,400.00	\$ 6,800.00

Attachment N

MUST SUBMIT PRICES FOR ALL ITEMS

Item #	Title	Quantity	Unit of Measure	Unit Price	Total
81	F&I 4 inch MJ Gate Valve with Accessories	4	Each	\$ 900.00	\$ 3,600.00
82	F&I 6 inch MJ Gate Valve with Accessories	4	Each	\$ 1,100.00	\$ 4,400.00
83	F&I 8 inch MJ Gate Valve with Accessories	2	Each	\$ 1,300.00	\$ 2,600.00
84	F&I 10 inch MJ Gate Valve with Accessories	2	Each	\$ 1,900.00	\$ 3,800.00
85	F&I 12 inch MJ Gate Valve with Accessories	2	Each	\$ 2,200.00	\$ 4,400.00
86	F&I 4 inch Wetwell Discharge Piping DIP	40	Linear Feet	\$ 350.00	\$ 14,000.00
87	F&I 4 inch Wetwell Discharge Piping PVC	40	Linear Feet	\$ 250.00	\$ 10,000.00
88	F&I 4 inch Wetwell Discharge Piping HDPE	40	Linear Feet	\$ 320.00	\$ 12,800.00
89	F&I 6 inch Wetwell Discharge Piping DIP	40	Linear Feet	\$ 380.00	\$ 15,200.00
90	F&I 6 inch Wetwell Discharge Piping PVC	40	Linear Feet	\$ 280.00	\$ 11,200.00
91	F&I 6 inch Wetwell Discharge Piping HDPE	40	Linear Feet	\$ 330.00	\$ 13,200.00
92	F&I 8 inch Wetwell Discharge Piping DIP	20	Linear Feet	\$ 400.00	\$ 8,000.00
93	F&I 8 inch Wetwell Discharge Piping PVC	20	Linear Feet	\$ 300.00	\$ 6,000.00
94	F&I 8 inch Wetwell Discharge Piping HDPE	20	Linear Feet	\$ 350.00	\$ 7,000.00
95	F&I 10 inch Wetwell Discharge Piping DIP	20	Linear Feet	\$ 430.00	\$ 8,600.00
96	F&I 10 inch Wetwell Discharge Piping PVC	20	Linear Feet	\$ 330.00	\$ 6,600.00
97	F&I 10 inch Wetwell Discharge Piping HDPE	20	Linear Feet	\$ 380.00	\$ 7,600.00
98	F&I 12 inch Wetwell Discharge Piping DIP	20	Linear Feet	\$ 450.00	\$ 9,000.00
99	F&I 12 inch Wetwell Discharge Piping PVC	20	Linear Feet	\$ 350.00	\$ 7,000.00
100	F&I 12 inch Wetwell Discharge Piping HDPE	20	Linear Feet	\$ 400.00	\$ 8,000.00
101	F&I 4 inch Pipe Support	4	Each	\$ 350.00	\$ 1,400.00
102	F&I 6 inch Pipe Support	4	Each	\$ 450.00	\$ 1,800.00
103	F&I 8 inch Pipe Support	4	Each	\$ 500.00	\$ 2,000.00
104	F&I 10 inch Pipe Support	2	Each	\$ 600.00	\$ 1,200.00
105	F&I 12 inch Pipe Support	2	Each	\$ 600.00	\$ 1,200.00
106	F&I Pump Base Elbow and Owner Furnished Pumps (4 inch Discharge)	10	Each	\$ 1,800.00	\$ 18,000.00
107	F&I Pump Base Elbow and Owner Furnished Pumps (6 inch Discharge)	10	Each	\$ 2,000.00	\$ 20,000.00
108	F&I Pump Base Elbow and Owner Furnished Pumps (8 inch Discharge)	4	Each	\$ 2,800.00	\$ 11,200.00
109	F&I Stainless Steel Float Hanger Bracket	6	Each	\$ 300.00	\$ 1,800.00
110	F&I Wet Well Vent	6	Each	\$ 800.00	\$ 4,800.00
111	F&I New 1.5" - 2" Water Service Tap up to 8" Water Main	6	Each	\$ 1,000.00	\$ 6,000.00
112	F&I New 1.5" - 2" Water Service Tap 10" to 12" Water Main	4	Each	\$ 1,200.00	\$ 4,800.00
113	F&I 1 inch Back Flow Prevention Device	4	Each	\$ 800.00	\$ 3,200.00
114	F&I 2 inch Back Flow Prevention Device	4	Each	\$ 1,600.00	\$ 6,400.00
115	F&I New 1.5" PVC or HDPE Water Service Installation	100	Linear Feet	\$ 25.00	\$ 2,500.00
116	F&I New 2" PVC or HDPE Water Service Installation	100	Linear Feet	\$ 30.00	\$ 3,000.00
117	F&I 4" DIP Push-On Joint Force Main (36"-60" Cover)	100	Linear Feet	\$ 70.00	\$ 7,000.00
118	F&I 6" DIP Push-On Joint Force Main (36"-60" Cover)	100	Linear Feet	\$ 80.00	\$ 8,000.00
119	F&I 8" DIP Push-On Joint Force Main (36"-60" Cover)	50	Linear Feet	\$ 90.00	\$ 4,500.00
120	F&I 10" DIP Push-On Joint Force Main (36"-60" Cover)	50	Linear Feet	\$ 100.00	\$ 5,000.00

Attachment N

Item #	Title	Quantity	Unit of Measure	Unit Price	Total
121	F&I 12" DIP Push-On Joint Force Main (36"-60" Cover)	50	Linear Feet	\$ 100.00	\$ 5,000.00
122	F&I 16" DIP Push-On Joint Force Main (36"-60" Cover)	25	Linear Feet	\$ 120.00	\$ 3,000.00
123	F&I 4" PVC C-900 Push-On Joint Force Main (36"-60" Cover)	100	Linear Feet	\$ 30.00	\$ 3,000.00
124	F&I 6" PVC C-900 Push-On Joint Force Main (36"-60" Cover)	100	Linear Feet	\$ 40.00	\$ 4,000.00
125	F&I 8" PVC C-900 Push-On Joint Force Main (36"-60" Cover)	50	Linear Feet	\$ 45.00	\$ 2,250.00
126	F&I 10" PVC C-900 Push-On Joint Force Main (36"-60" Cover)	50	Linear Feet	\$ 50.00	\$ 2,500.00
127	F&I 12" PVC C-900 Push-On Joint Force Main (36"-60" Cover)	50	Linear Feet	\$ 60.00	\$ 3,000.00
128	F&I 16" PVC C-905 Push-On Joint Force Main (36"-60" Cover)	25	Linear Feet	\$ 75.00	\$ 1,875.00
129	F&I 4" Emergency By-Pass Pipe Assembly w/ Cam-Lok	4	Each	\$ 1,200.00	\$ 4,800.00
130	F&I 6" Emergency By-Pass Pipe Assembly w/ Cam-Lok	4	Each	\$ 1,500.00	\$ 6,000.00
131	F&I Ductile Iron Fittings for Wastewater Force Main	2	Tons	\$ 8,500.00	\$ 17,000.00
132	F&I Ductile Iron Fittings for Potable Water Main	1	Tons	\$ 7,500.00	\$ 7,500.00
133	F&I 8 inch PVC Gravity Sewer (SDR 26) (0 feet - 7.9 feet deep)	200	Linear Feet	\$ 80.00	\$ 16,000.00
134	F&I 8 inch PVC Gravity Sewer (SDR 26) (8 feet - 15.9 feet deep)	200	Linear Feet	\$ 110.00	\$ 22,000.00
135	F&I 8 inch PVC Gravity Sewer (SDR 26) (16 feet - 22 feet deep)	200	Linear Feet	\$ 130.00	\$ 26,000.00
136	F&I 8 inch PVC Gravity Sewer (C-900) (0 feet - 7.9 feet deep)	50	Linear Feet	\$ 90.00	\$ 4,500.00
137	F&I 8 inch PVC Gravity Sewer (C-900) (8 feet - 15.9 feet deep)	50	Linear Feet	\$ 120.00	\$ 6,000.00
138	F&I 8 inch PVC Gravity Sewer (C-900) (16 feet - 22 feet deep)	50	Linear Feet	\$ 140.00	\$ 7,000.00
139	F&I 8 inch DIP Gravity Sewer (0 feet - 7.9 feet deep)	50	Linear Feet	\$ 100.00	\$ 5,000.00
140	F&I 8 inch DIP Gravity Sewer (8 feet - 15.9 feet deep)	50	Linear Feet	\$ 130.00	\$ 6,500.00
141	F&I 8 inch DIP Gravity Sewer (16 feet - 22 feet deep)	50	Linear Feet	\$ 150.00	\$ 7,500.00
142	F&I 10 inch PVC Gravity Sewer (SDR 26) (0 feet - 7.9 feet deep)	200	Linear Feet	\$ 90.00	\$ 18,000.00
143	F&I 10 inch PVC Gravity Sewer (SDR 26) (8 feet - 15.9 feet deep)	200	Linear Feet	\$ 120.00	\$ 24,000.00
144	F&I 10 inch PVC Gravity Sewer (SDR 26) (16 feet - 22 feet deep)	200	Linear Feet	\$ 140.00	\$ 28,000.00
145	F&I 10 inch PVC Gravity Sewer (C-900) (0 feet - 7.9 feet deep)	50	Linear Feet	\$ 100.00	\$ 5,000.00
146	F&I 10 inch PVC Gravity Sewer (C-900) (8 feet - 15.9 feet deep)	50	Linear Feet	\$ 130.00	\$ 6,500.00
147	F&I 10 inch PVC Gravity Sewer (C-900) (16 feet - 22 feet deep)	50	Linear Feet	\$ 150.00	\$ 7,500.00
148	F&I 10 inch DIP Gravity Sewer (0 feet - 7.9 feet deep)	50	Linear Feet	\$ 110.00	\$ 5,500.00
149	F&I 10 inch DIP Gravity Sewer (8 feet - 15.9 feet deep)	50	Linear Feet	\$ 140.00	\$ 7,000.00
150	F&I 10 inch DIP Gravity Sewer (16 feet - 22 feet deep)	50	Linear Feet	\$ 160.00	\$ 8,000.00
151	Connect to Existing Force Main - 4 inch	2	Each	\$ 2,800.00	\$ 5,600.00
152	Connect to Existing Force Main - 6 inch	2	Each	\$ 3,000.00	\$ 6,000.00
153	Connect to Existing Force Main - 8 inch	2	Each	\$ 3,200.00	\$ 6,400.00
154	Connect to Existing Force Main - 10 inch	2	Each	\$ 3,500.00	\$ 7,000.00
155	Connect to Existing Force Main - 12 inch	2	Each	\$ 3,600.00	\$ 7,200.00
156	F&I Pressure Gauge Assembly	4	Each	\$ 1,000.00	\$ 4,000.00
157	Remove Existing Control Panel (duplex)	4	Each	\$ 1,500.00	\$ 6,000.00
158	Remove Existing Electric Meter	4	Each	\$ 500.00	\$ 2,000.00
159	Relocate Existing Control Panel (up to 30 feet)	2	Each	\$ 3,500.00	\$ 7,000.00
160	Relocate Existing Electric Meter (up to 30 feet)	2	Each	\$ 2,000.00	\$ 4,000.00

Attachment N

Item #	Title	Quantity	Unit of Measure	Unit Price	Total
161	Install Owner Furnished Control Panel - up to 10 HP	4	Each	\$ 7,800.00	\$ 31,200.00
162	Install Owner Furnished Control Panel - over 10 HP to 20 HP	2	Each	\$ 7,800.00	\$ 15,600.00
163	Install Owner Furnished Control Panel - over 20 HP to 40 HP (duplex)	1	Each	\$ 8,500.00	\$ 8,500.00
164	Install Owner Furnished Control Panel - 50 HP to 100 HP (duplex)	1	Each	\$ 10,000.00	\$ 10,000.00
165	F&I 3/4 inch Bubbler System Piping, Fittings and Appurtenances	4	Each	\$ 1,000.00	\$ 4,000.00
166	Disconnect, Remove, and Remove Owner Furnished Floats in Wet Well	8	Each	\$ 100.00	\$ 800.00
167	F&I 200A Electrical Service to Pump Station including Conduits	200	Linear Feet	\$ 25.00	\$ 5,000.00
168	F&I 200A Emergency Connection/Transfer Panel	2	Each	\$ 4,500.00	\$ 9,000.00
169	F&I 240V-480V, 60A-200A, 3 phase main electrical disconnect switch	4	Each	\$ 3,200.00	\$ 12,800.00
170	F&I Temporary Electrical Service	2	Each	\$ 2,400.00	\$ 4,800.00
171	F&I Temporary Control Panel	2	Each	\$ 2,000.00	\$ 4,000.00
172	Remove existing Antenna and Support	4	Each	\$ 800.00	\$ 3,200.00
173	F&I 2 inch Aluminum Pole for SCADA Antenna (max 20 feet)	4	Each	\$ 1,800.00	\$ 7,200.00
174	Maintenance of Traffic (MOT)	5,000	Linear Feet	\$ 1.00	\$ 5,000.00
175	Pre-Construction video (per Project Location)	5	Each	\$ 700.00	\$ 3,500.00
176	Geotechnical Investigation Allowance	1	Lump Sum	\$ 8,000.00	\$ 8,000.00
177	Permit Allowance	1	Lump Sum	\$ 5,000.00	\$ 5,000.00
178	FPL Allowance	1	Lump Sum	\$ 15,000.00	\$ 15,000.00
179	Contract Allowance for Miscellaneous Items	1	Lump Sum	\$ 15,000.00	\$ 15,000.00
				GRAND TOTAL	\$ 1,715,687.00

BIDDER'S MUST ALSO WRITE GRAND TOTAL ON PAGE 5 OF 5 OF THE BID FORM ATTACHMENT A (See ITB page # 29)

BIDDERS MUST SUBMIT PRICES FOR ALL ITEMS

ATTACHMENT B

REFERENCES

All references shall be from entities/companies regularly engaged in the business of providing the goods and/or services as described in this solicitation.

1. ENTITY/COMPANY NAME: City of Cooper City
ADDRESS: 9090 SW 50th Place, Cooper City, FL 33328
CONTACT NAME: Steve Blanchard
CONTACT'S TITLE: Project Manager
TELEPHONE: 954-434-4300
E-MAIL (REQUIRED): sblanchard@coopercityfl.org
CONTRACT PERIOD: FROM: August, 2017 TO: On Going

2. ENTITY/COMPANY NAME: Palm Beach County
ADDRESS: 8100 Forest Hill Blvd, West Palm Beach, FL 33413
CONTACT NAME: Joseph Tanacredi
CONTACT'S TITLE: Project Manager
TELEPHONE: (561) 493-6000
E-MAIL (REQUIRED): jtanacredi@pcbwater.com
CONTRACT PERIOD: FROM: June, 2015 TO: On Going

3. ENTITY/COMPANY NAME: City of West Palm Beach
ADDRESS: 401 Clematis St., 4th Floor, West Palm Beach, FL 33401
CONTACT NAME: Jay Kwag
CONTACT'S TITLE: Project Manager
TELEPHONE: 561-822-2100
E-MAIL (REQUIRED): hjkwag@wpb.org
CONTRACT PERIOD: FROM: November, 2015 TO: On Going

This page shall be completed IN FULL and submitted with your bid.

ATTACHMENT C
(Page 1 of 2)

**SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A
NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to the CITY OF COOPER CITY, FLORIDA

by: Chase R Rogers, Project Director

(print individual's name and title)

for: Hinterland Group Inc.

(print name of entity submitting sworn statement)

whose business address is: 2051 W Blue Heron Blvd, Riviera Beach, FL 33404

and (if applicable) its Federal Employer Identification Number (FEIN) is: 20-5156844.

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

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

- a) A predecessor or successor of a person convicted of a public entity crime; or
- b) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

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

ATTACHMENT C
(Page 2 of 2)


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

Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, not any affiliate of the entity, has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

This entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

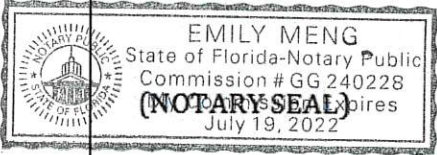
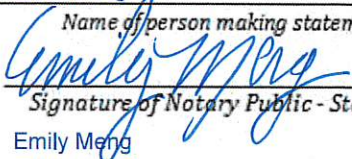
The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.



Signature
Chase R Rogers - Project Director



STATE: <u>FLORIDA</u>
COUNTY: <u>Palm Beach</u>
Sworn to (or affirmed) and subscribed before me this <u>9</u> day of <u>September, 20 19</u> , by: <u>Chase R Rogers</u>
<i>Name of person making statement</i>

 <i>Signature of Notary Public - State of Florida</i>
Emily Meng <i>Name of Notary Typed, Printed, or Stamped</i>
Personally Known <input checked="" type="checkbox"/> OR Produced Identification <input type="checkbox"/>
Type of Identification Produced _____

ATTACHMENT D

**AMERICANS WITH DISABILITIES ACT (ADA)
DISABILITY NONDISCRIMINATION STATEMENT**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL
AUTHORIZED TO ADMINISTER OATHS.

This sworn statement is submitted to the CITY OF COOPER CITY, FLORIDA

by: Chase R Rogers - Project Director
(print individual's name and title)

for: Hinterland Group Inc.
(print name of entity submitting sworn statement)

whose business address is: 2051 W Blue Heron Blvd, Riviera Beach, FL 33404

and (if applicable) its Federal Employer Identification Number (FEIN) is: 20-5156844
(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____ - _____ - _____.)

I, being duly first sworn state:

That the above named firm, corporation or organization is in compliance with and agreed to continue to comply with, and assure that any subcontractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.

The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:

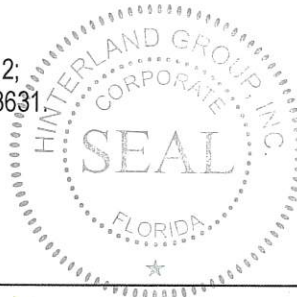
The Rehabilitation Act of 1973, 229 USC Section 794;

The Federal Transit Act, as amended 49 USC Section 1612;

The Fair Housing Act as amended 42 USC Section 3601-3631

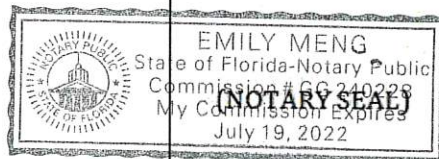
Signature

Chase R Rogers - Project Director



STATE: **FLORIDA**
COUNTY: Palm Beach

Sworn to (or affirmed) and subscribed before me this 9 day of
September, 2019, by: Chase R Rogers
Name of person making statement



Emily Meng
Signature of Notary Public - State of Florida
Emily Meng
Name of Notary Typed, Printed, or Stamped

Personally Known OR Produced Identification

Type of Identification Produced _____

ATTACHMENT E

BUSINESS ENTITY AFFIDAVIT

I, Chase R Rogers, being first duly sworn state:

The full legal name and business address of the person(s) or entity proposing to contract or transact business with the City of Cooper City ("City") are (Post Office addresses are not acceptable), as follows:

20-5156844

Federal Employer Identification Number (FEIN) (If none, Social Security Number)

Hinterland Group Inc.

Name of Entity, Individual, Partners or Corporation

N/A

Doing Business As (If same as above, leave blank)

2051 W Blue Heron Blvd

Riviera Beach

FL

Street Address


Suite

City

State

Florida, 02/26/2006

State and Date of Incorporation:


Signature of Affiant

09/09/2019

Date

Chase R Rogers - Project Director

Print Name



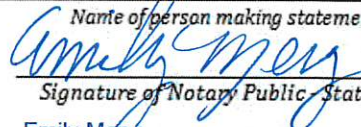
STATE: **FLORIDA**

COUNTY: Palm Beach

Sworn to (or affirmed) and subscribed before me this 9 day of September, 2019, by: Chase R Rogers

Name of person making statement




Signature of Notary Public, State of Florida

Emily Meng

Name of Notary Typed, Printed, or Stamped

Personally Known OR Produced Identification

Type of Identification Produced _____

ATTACHMENT F

FOREIGN (NON-FLORIDA) CORPORATION MUST COMPLETE THIS FORM
DEPARTMENT OF STATE CORPORATE CHARTER NO. _____

If your corporation is exempt from the requirements of Section 607.1501, Florida Statutes, **YOU MUST CHECK BELOW** the reason(s) for the exemption. Please contact the Department of State, Division of Corporations at (850) 245-6051 for assistance with corporate registration or exemptions. 607.1501 Authority of foreign corporation to transact business required.

- (1) A foreign corporation may not transact business in this state until it obtains a certificate of authority from the Department of State.
- (2) The following activities, among others, do not constitute transacting business within the meaning of subsection one (1):
- _____ (a) Maintaining, defending, or settling any proceedings.
 - _____ (b) Holding meetings of the board of directors or shareholders or carrying on other activities concerning internal corporate affairs.
 - _____ (c) Maintaining bank accounts.
 - _____ (d) Maintaining officers of agencies for the transfer, exchange, and registration of the corporation's own securities or maintaining trustees or depositories with respect to those securities.
 - _____ (e) Selling through independent contractors.
 - _____ (f) Soliciting or obtaining orders, whether by mail or through employees, agents or otherwise, if the orders
 - _____ (g) Creating or acquiring indebtedness, mortgages, and security interests in real or personal property.
 - _____ (h) Securing or collecting debts or enforcing mortgages and security interests in property securing the debts.
 - _____ (i) Transacting business in interstate commerce.
 - _____ (j) Conducting an isolated transaction that is completed within 30 days and that is not one in the course of repeated transactions of a like nature.
 - _____ (k) Owning and controlling a subsidiary corporation incorporated in or transacting business within this state or voting the stock of any corporation which it has lawfully acquired.
 - _____ (l) Owning a limited partnership interest in a limited partnership that is doing business within this state, unless such limited partner manages or controls the partnership or exercises the powers and duties of a general partner.
 - _____ (m) Owning, without more, real or personal property.

The list of activities of subsection (2) is not exhaustive.

- (3) This section has no application to the question of whether any foreign corporation is subject to service of process and suit in this state under any law of this state.

Please check one of the following if your firm is NOT a corporation:

- (I) _____ Partnership, Joint Venture, Estate or Trust
(II) _____ Sole Proprietorship of Self Employed

NOTE: This sheet **MUST** be enclosed with your bid if you claim an exemption or have checked I or II above, your firm will be considered a corporation and subject to all requirements listed herein.

SIGNATURE OF AUTHORIZED AGENT OF PROPOSER

BIDDER'S LEGAL NAME

ATTACHMENT H

**REQUEST FOR PROOF OF
WORKERS' COMPENSATION INSURANCE OR EXEMPTION**

Dear Provider of Services or Goods:

In order to provide services or goods to City of Cooper City, we require that you provide us either proof of workers' compensation coverage or proof of exemption.

Workers' compensation insurance is required of all employers in Florida that employ 4 or more part or full time employees. In the event that you are an employer in the construction industry, you are required to have workers' compensation insurance if you employ one or more workers. Corporate officers and sole proprietors are included when calculating the number of employees. Note: Corporate officers may claim exemption from workers' compensation coverage on themselves only, by filing *Form DWC 250, Notice of Election to Be Exempt*. This form can be found at <http://fldfs.com/WC/forms.html>.

If you meet the above criteria to be exempt, you MUST provide us with one of the following:

- If your business is a sole proprietorship or unincorporated business: provide us a Verification of Automatic Exempt Certificate. This verification is a letter that is issued by the State of Florida Department of Financial Services. To receive a letter from the State, complete the following directions: 1) Call the National Council of Compensation Insurance 1-800-622-4123, Option 5, and ask them for the class code for your type of business. 2) Once you have received this code, call the Department of Financial Services at 1-850-413-1601 and provide them your business name, class code, mailing address, and contact phone number. They will send you the Verification of Automatic Exempt Certificate. 3) Provide us a copy of the Verification of Automatic Exempt Certificate.
- If your business is a corporation (including a professional association or limited liability company), and you are not required to have workers' compensation insurance as per the requirements as outlined above, you must complete the attached Workers' compensation Exemption Affidavit, have it notarized, and return the original to us.

If you are an employer that meets the requirements of workers' compensation and needs to obtain coverage, contact your current business insurance agent, or you may use the following resources to locate an agent: www.fuia.com, www.piafl.org, or call (850) 893-8245.

Please be reminded that the furnishing of this information to City of Cooper City is a non-negotiable requirement to perform services for us. Failure to provide this timely may result in either termination of your services or delay of payment for services. Your workers' compensation Certificate of Coverage, Workers' Compensation Exemption Affidavit, or Verification of Automatic Exempt Certificate must be delivered or mailed to the Purchasing Division located at City Hall, 9090 SW 50 Place, Cooper City, Florida 33328, or emailed to Purchasing@CooperCityFL.org.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/25/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER South Shore Insurance Inc. 955 SE Central Parkway Stuart FL 34994	CONTACT NAME: Jennie Duke	
	PHONE (A/C, No., Ext): (772) 426-9973 FAX (A/C, No.): (772) 221-1960 E-MAIL ADDRESS: jennie@southshore-insurance.com	
INSURED Hinterland Group Inc. 2051 West Blue Heron Blvd Riviera Beach, FL 33404	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : Hartford Casualty Insurance Company	29424
	INSURER B : Property & Casualty Ins Comp of The Hartford	34690
	INSURER C : Sentinel Insurance Company	11000
	INSURER D : Hartford Fire Insurance Company	19682
	INSURER E : The North River Insurance Company	21105
	INSURER F :	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	x		21 UEA HF5360	01/31/2019	01/31/2020	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> XCU Coverage Included						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						MED EXP (Any one person) \$ 5,000
	OTHER:						PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
							\$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			21 UEA HF5507	01/31/2019	01/31/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
E	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE			5821116714	01/31/2019	01/31/2020	EACH OCCURRENCE \$ 10,000,000
							AGGREGATE \$ 10,000,000
	DED RETENTION \$						\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N Y N/A	21 WEA AB0MTJ	01/31/2019	01/31/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
							E.L. EACH ACCIDENT \$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Inland Marine			21UUMHF5845	01/31/2019	01/31/2020	Installation Floater \$ 2,000,000
							Rented/Leased Equi \$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Should any of the above policies be cancelled before the expiration date thereof, the issuing insurer will endeavor to mail 30 days written notice to the certificate holder named to the left, but failure to do so shall impose no obligation or liability of any kind upon the insurer, its agents or representatives. Certificate holder as an additional insured on blanket form only if required by written contract/agreement with the insured executed prior to injury or damage. A Waiver of Subrogation is provided on blanket form only if required by written contract/agreement with the insured executed prior to injury or damage. Coverage is primary/noncontributory when required by written contract/agreement. (In accordance with policy form HCG00010916)

CERTIFICATE HOLDER FOR BIDDING PURPOSES ONLY	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <JND>

© 1988-2014 ACORD CORPORATION. All rights reserved.

ATTACHMENT I

OWNERSHIP DISCLOSURE AFFIDAVIT

1. If the contact or business transaction is with a corporation, the full legal name and business address shall be provided for each officer and director and each stockholder who holds directly or indirectly five percent (5%) or more of the corporation's stock. If the contract or business transaction is with a trust, the full legal name and address shall be provided for each trustee and each beneficiary. All such names and addresses are (Post Office addresses are not acceptable), as follows:

<u>Full Legal Name</u>	<u>Address</u>	<u>Ownership</u>
Daniel Duke, III	2051 W Blue Heron Blvd, Riviera Beach, FL 33404	100 %
		%
		%

2. The full legal names and business address of any other individual (other than subcontractors, materialmen, suppliers, laborers, or lenders) who have, or will have, any interest (legal, equitable, beneficial or otherwise) in the contract or business transaction with the City are (Post Office addresses are not acceptable), as follows:
 None.

Signature of Affiant

Chase R Rogers - Project Director

Print Name

09/09/2019

Date



STATE: **FLORIDA**
 COUNTY: Palm Beach

Sworn to (or affirmed) and subscribed before me this 9 day of September, 2019, by: Chase R Rogers

Name of person making statement

Emily Meng
 Signature of Notary Public - State of Florida
 Emily Meng

Name of Notary Typed, Printed, or Stamped



Personally Known OR Produced Identification

Type of Identification Produced _____

ATTACHMENT J

DRUG FREE WORKPLACE CERTIFICATE

I, the undersigned, in accordance with Florida Statute 287.087, hereby certify that, (**print or type name of firm**)
Hinterland Group Inc.

- Publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace named above, and specifying actions that will be taken against violations of such prohibition.
- Informs employees about the dangers of drug abuse in the work place, the firm's policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.
- Gives each employee engaged in providing commodities or contractual services that are under bid or proposal, a copy of the statement specified above.
- Notifies the employees that as a condition of working on the commodities or contractual services that are under bid or proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, pleas of guilty or nolo contendere to, any violation of Chapter 1893, or of any controlled substance law of the State of Florida or the United States, for a violation occurring in the work place, no later than five (5) days after such conviction, and requires employees to sign copies of such written (*) statement to acknowledge their receipt.
- Imposes a sanction on, or requires the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
- Makes a good faith effort to continue to maintain a drug free work place through the implementation of the drug free workplace program.

"As a person authorized to sign this statement, I certify that the above named business, firm or corporation complies fully with the requirements set forth herein".

Signature of Affiant

Chase R Rogers - Project Director

Print Name

09/09/2019

Date



STATE: FLORIDA
COUNTY: Palm Beach

Sworn to (or affirmed) and subscribed before me this 9 day of
September, 2019, by: Chase R Rogers

Name of person making statement

Emily Meng
Signature of Notary Public - State of Florida

Emily Meng

Name of Notary Typed, Printed, or Stamped



Personally Known OR Produced Identification

Type of Identification Produced _____

ATTACHMENT K

EMPLOYEE BACKGROUND VERIFICATION AFFIDAVIT

I, Chase R Rogers of Hinterland Group Inc., attest that all personnel used in
(Print Name) (Company Name)


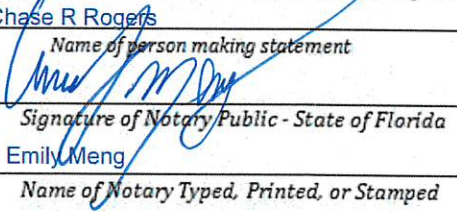
the performance of this work have had a criminal background check with a passing grade and have been drug tested with a passing grade and are legally documented to work in the United States.


Signature of Affiant

Chase R Rogers - Project Director
Print Name

09/09/2019
Date



STATE: FLORIDA
COUNTY: <u>Palm Beach</u>
Sworn to (or affirmed) and subscribed before me this <u>9</u> day of <u>September</u> , 2019, by: <u>Chase R Rogers</u> <i>Name of person making statement</i>
 EMILY MENG State of Florida-Notary Public Commission No. 1749240225 My Commission Expires July 19, 2022 <i>(NOTARY SEAL)</i>
<u></u> <i>Signature of Notary Public - State of Florida</i>
<u>Emily Meng</u> <i>Name of Notary Typed, Printed, or Stamped</i>
Personally Known <input checked="" type="checkbox"/> OR Produced Identification <input type="checkbox"/>
Type of Identification Produced _____

ATTACHMENT L

SCRUTINIZED COMPANIES AFFIDAVIT

Certification pursuant to Florida Statute § 287.135

I, Chase R Rogers - Project Director, on behalf of Hinterland Group Inc.,
Print Name and Title Company Name

certify that Hinterland Group Inc. does not:
Company Name

1. Participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel List; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the contractor of the City's determination concerning the false certification. The contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and
2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

Hinterland Group Inc.

COMPANY NAME

Chase R Rogers

PRINT NAME

Project Director

TITLE

SIGNATURE

STATE: **FLORIDA**
COUNTY: Palm Beach

Sworn to (or affirmed) and subscribed before me this 9 day of September, 2019, by: Chase R Rogers

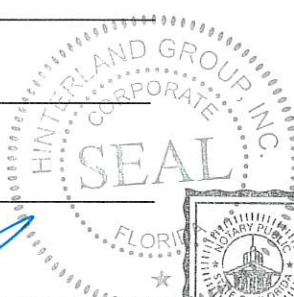
Name of person making statement

Signature of Notary Public - State of Florida
Emily Meng

Name of Notary, Typed, Printed, or Stamped

Personally Known OR Produced Identification

Type of Identification Produced



ATTACHMENT M
(1 of 3 pages)

PERFORMANCE BOND

TO BE COMPLETED UPON AWARD

KNOW ALL MEN BY THESE PRESENTS:

That, pursuant to the requirement of Florida Statute 255.05, we, _____, as Principal, hereinafter called CONTRACTOR, and _____, as Surety, are bound to the City of Cooper City, Florida, as Obligee, hereinafter called OWNER, in the amount of _____ Dollars (\$_____) for the payment whereof CONTRACTOR and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, CONTRACTOR has by written agreement entered into a Contract, Bid/Contract No.: _____, awarded the day of _____, 20__, with OWNER for _____ in accordance with drawings (plans) and specifications prepared by _____ which Contract is by reference made a part hereof, and is hereafter referred to as the Contract;

THE CONDITION OF THIS BOND is that if the CONTRACTOR:

1. Fully performs the Contract between the CONTRACTOR and the OWNER for construction of _____, within _____ calendar days after the date of contract commencement as specified in the Notice to Proceed and in the manner prescribed in the Contract; and
2. Indemnifies and pays OWNER all losses, damages (specifically including, but not limited to, damages for delay and other consequential damages caused by or arising out of the acts, omissions or negligence of CONTRACTOR), expenses, costs and attorney's fees and costs, including attorney's fees incurred in appellate proceedings, that OWNER sustains because of default by CONTRACTOR under the Contract; and
3. Upon notification by the OWNER, corrects any and all defective or faulty work or materials which appear within one (1) year after final acceptance of the work.
4. Performs the guarantee of all work and materials furnished under the Contract for the time specified in the Contract, then this Bond is void, otherwise it remains in full force.

Whenever CONTRACTOR shall be, and declared by OWNER to be, in default under the Contract, the OWNER having performed OWNER'S obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

- 4.1 Complete the Contract in accordance with its terms and conditions; or
- 4.2 Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon determination by Surety of the best, lowest, qualified, responsible and responsive Bidder, or, if the OWNER elects, upon determination by the OWNER and Surety jointly of the best, lowest, qualified, responsible and responsive Bidder, arrange for a contract between such Bidder and OWNER, and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract price," as used in this paragraph, shall mean the total amount payable by OWNER to CONTRACTOR under the Contract and any amendments thereto, less the amount properly paid by OWNER to CONTRACTOR.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the OWNER named herein and those persons or corporations provided for in Section 255.05, Florida Statutes, or their heirs, executors, administrators or successors.

ATTACHMENT M

(2 of 3 pages)

PERFORMANCE BOND (Con't)

Any action under this Bond must be instituted in accordance with the Notice and Time Limitations provisions prescribed in Section 255.05(2), Florida Statutes.

The Surety hereby waives notice of and agrees that any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes do not affect Surety's obligation under this Bond.

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

TO BE COMPLETED UPON AWARD

WITNESS:

Secretary

By: _____
(Signature and Title)

(CORPORATE SEAL)

(Type Name and Title signed above)

ATTEST:

(Name of Corporation)

Secretary

By: _____
(Type Name and Title signed above)

IN THE PRESENCE OF;

INSURANCE COMPANY:

By: _____
Agent and Attorney-in-Fact

Address: _____
(Street)

(City/State/Zip Code)

Telephone _____

ATTACHMENT M

(3 of 3 pages)

PERFORMANCE BOND (Con't)

State of _____

TO BE COMPLETED UPON AWARD

County of _____

On this, the ____ day of _____, 20__, before me, the undersigned Notary Public of the State of _____, the foregoing instrument was acknowledged by _____ (name of corporate officer), _____ (title), of (name of corporation), a _____ (state of corporation) corporation, on behalf of the corporation.

WITNESS my hand and official seal

Notary Public, State of _____

Printed, typed or stamped name of Notary Public exactly as commissioned

Personally known to me, or

Produced identification:

(type of identification produced)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I _____ certify that I am the Secretary of the corporation named as Principal in the foregoing Payment Bond; that _____, who signed the Bond on behalf of the Principal, was then _____ of said corporation; that I know his/her signature; and his/her signature thereto is genuine; and that said Bond was duly signed, sealed and attested to on behalf of said corporation by authority of its governing body.

(CORPORATE SEAL)

(Name of Corporation)



Addendum #1 – Questions & Answers

(Issued Friday, September 6, 2019)

ITB 2019-12-UTL, Sewer Pump/Lift Station Rehabilitation and Repair

This addendum is issued to make the following change(s)/correction(s)/clarification(s) to:

Question 1: Can you tell me the engineer's estimate for the Sewer Pump/Lift Station Rehabilitation & Repair project

Answer 1: It is estimated that the City will spend \$100,000 - \$400,000 per year on this work.

Question 2: Also, there is no Pre-Bid meeting scheduled but will a site visit be allowed?

Answer 2: This bid is for an annual contract for work as needed and is not associated with any specific project or pumping station, and there is no specific site to visit.

Question 3: Please provide the bid tabulation from 2017 or the last time this bid.

Answer 3: This is our first time bidding this work (always piggybacked other agencies' contracts like Palm Beach County), so there is no bid tabulation.

Question 4: Regarding the above mentioned bid, all Appendix B "Electric Details" are only showing half of the details. Can you send/post the full details?

Answer 4: Please see corrected Appendix B which is included in Addendum #2.

All bids are due on Wednesday, September 18, 2019 at 3:00PM EST.

Acknowledgment of Addendum #1

Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.

Acknowledged by:

Print Name:

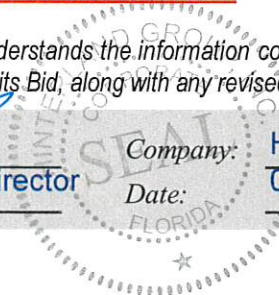
Chase R. Rogers, Project Director

Company:

Hinterland Group Inc.

Date:

09/17/2019





Addendum #2 – NOTICE OF DELAY

(Issued Friday, September 6, 2019)

ITB 2019-12-UTL, Sewer Lift Station Rehabilitation

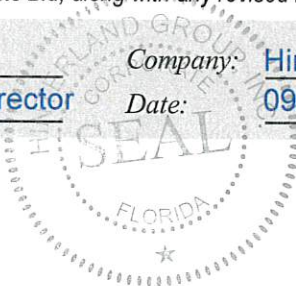
This addendum is issued to make the following change(s)/correction(s)/clarification(s) to:

In light of Appendix B (electrical drawings) not uploading properly to DemandStar, this bid opening is delayed to 3:00PM, Wednesday, September 18, 2019. Complete electrical drawings are attached.

Acknowledgment of Addendum #2

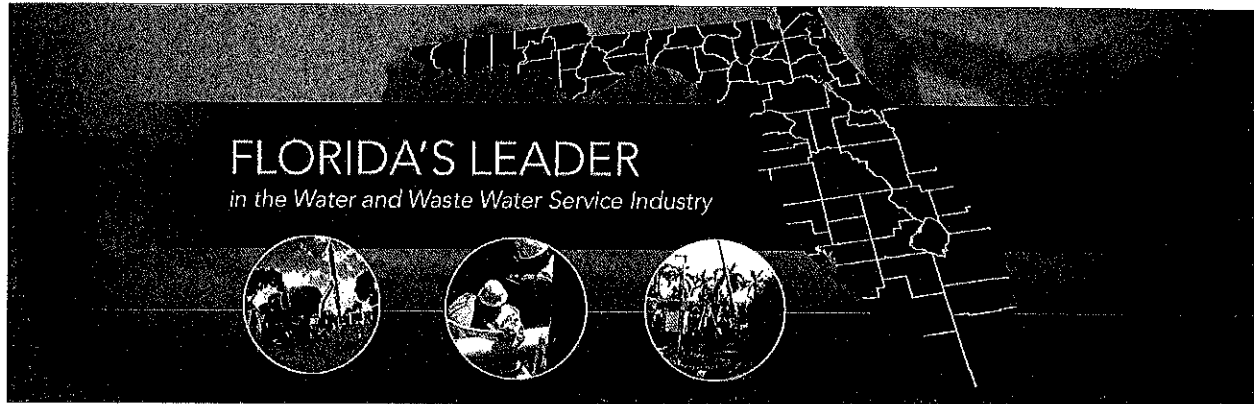
*Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.*

Acknowledged by:  Company: Hinterland Group Inc.
Print Name: Chase R Rogers, Project Director Date: 09/17/2019



Locations: Palm Beach – Cocoa – Stuart

COMPANY QUALIFICATION & CERTIFICATION PACKAGE



WWW.HINTERLANDGROUP.COM

CORPORATE OFFICE:

2051 W Blue Heron Blvd, Riviera Beach, FL 33404

561-640-3403 PH

561-640-3504 FX



INFO@HINTERLANDGROUP.COM

COMPANY QUALIFICATION & CERTIFICATION PACKAGE



COVER PAGE

Corporate Resume	Page 1
Minutes of Special Meeting	Page 2
Department of State Letter of Incorporation	Page 3
Sunbiz Information	Page 4
Insurance Information	Page 6
Bondability Letter	Page 7
State Licenses	Page 8
Business Tax Receipt	Page 11
FDOT Certificate of Qualification	Page 24
Reference Letters	Page 27
Pre-Qualified Vendor	Page 32
Owned Equipment	Page 34
Prior Experience	Page 42
CIPP Roster	Page 57
Installed Liner Quantities	Page 58
CIPP Prior Experience	Page 60

Corporate Resume

DANIEL A. DUKE, III

President • June, 2006 – Present

- Over 16 years in direct development of multiple land use projects throughout Florida, currently holds Florida General Contractors License (CGC1520354), Certified Underground and Excavation Contractors License (CUC1224634), and Florida Certified Builders Contractors License (CBC1255077). Oversees daily operations and provides direct support to all personnel.

DANIEL A. DUKE, JR.

Operations • June, 2006 – Present

- Thirty-Two years direct experience including various wastewater lift station installations, gravity and force main sewer installations. Direct daily supervision of superintendents and skilled labor, management of project schedules, asset management and logistics for entire company personnel and equipment fleet.

CHARLIE BREIG

Electrical Contractor • June, 2006 – Present

- Over 40 years of commercial electrical experience through out Florida, currently holds Florida Electrical Contractors License (EC13003615)

JAY B. BREIG

Project Manager/Operations • May, 2008 – Present

- Twelve years experience in the rehabilitation and installation of wastewater structures, gravity and force main pipe installations. Conducts daily labor briefings, safety meetings and coordinates daily labor for successful project completion. Regularly conducts project briefings with project managers and inside support personnel.

CHASE R. ROGERS, E.I.

Estimating Manager/Engineer • May, 2008 – Present

- Degree in Civil Engineering and over 9 years experience in the rehabilitation and installation of sanitary sewer structures. Six plus years of experience working as an electrician at WWTP. Responsible for project procurement, estimating and scheduling coordination.

EVELIO MILLARES

Electrical Project Manager • September, 2015 – Present

- Over 35 years total electrical experience, currently holds Florida Certified Electrical Contractors License (EC13005750) Electrical estimations, purchasing and on-site supervision

BRETT KONCHAK

CIPP Project Manager • February, 2015 – Present

- Over 5 years in direct development of multiple land use projects in Florida, including various gravity and force main CIPP sanitary and storm sewer installations. Direct daily supervision of CIPP project scheduling, superintendents and skilled labor.

H
I
N
T
E
R
L
A
N
D

G
R
O
U
P





MINUTES OF SPECIAL MEETING
OF
HINTERLAND GROUP INC.

Minutes of Special Meeting of Hinterland Group Inc. held at 2051 W. BLUE HERON BLVD. RIVIERA BEACH, FL 33404 on this 26th day of AUGUST, 2019

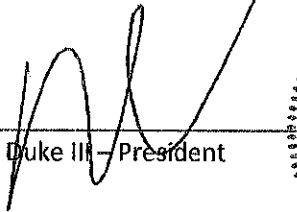
The President called the meeting to consider the following business: The authorization of Chase Rogers and Danny Duke, Jr., to sign any and all documentation with regard to the Company.

On motion duly made and carried, the meeting proceeded to approve the authorization.

Chase Rogers and Danny Duke, Jr., have the authority to sign all documents as stated above.

There being no further business, the meeting was adjourned.

Dated 8/26/19


Daniel Duke III - President

Hinterland Group Inc.



STATE OF Florida

COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me this 8/26/19, by

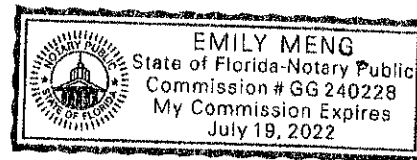
Daniel Duke III

Emily Meng

Notary Public

Printed Name: Emily Meng

My Commission Expires: 07/19/2022



State of Florida

Department of State

I certify from the records of this office that HINTERLAND GROUP INC. is a corporation organized under the laws of the State of Florida, filed on June 26, 2006.

The document number of this corporation is P06000086423.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on February 13, 2019, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Thirteenth day of February,
2019*



Randy Be

Secretary of State

Tracking Number: 8071732619CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation
HINTERLAND GROUP INC.

Filing Information

Document Number P06000086423
FEI/EIN Number 20-5156844
Date Filed 06/26/2006
State FL
Status ACTIVE

Principal Address

2051 WEST BLUE HERON BOULEVARD
RIVIERA BEACH, FL 33404

Changed: 04/30/2018

Mailing Address

2051 WEST BLUE HERON BOULEVARD
RIVIERA BEACH, FL 33404

Changed: 04/30/2018

Registered Agent Name & Address

Wynne, Ryan J, Esq.
1015 W Indiantown Road
Suite 101-A
Jupiter, FL 33458

Name Changed: 02/13/2019

Address Changed: 02/13/2019

Officer/Director Detail

Name & Address

Title PSTD

DUKE, DANIEL A, III
992 W. 15TH STREET
RIVIERA BEACH, FL 33404

Annual Reports

Report Year	Filed Date
2018	01/16/2018
2019	02/01/2019
2019	02/13/2019

Document Images

02/13/2019 -- AMENDED ANNUAL REPORT	View image in PDF format
02/01/2019 -- ANNUAL REPORT	View image in PDF format
04/30/2018 -- Reg. Agent Change	View image in PDF format
01/16/2018 -- ANNUAL REPORT	View image in PDF format
04/12/2017 -- ANNUAL REPORT	View image in PDF format
01/28/2016 -- ANNUAL REPORT	View image in PDF format
11/20/2015 -- Reg. Agent Change	View image in PDF format
01/23/2015 -- ANNUAL REPORT	View image in PDF format
01/10/2014 -- ANNUAL REPORT	View image in PDF format
04/11/2013 -- ANNUAL REPORT	View image in PDF format
04/09/2013 -- Reg. Agent Change	View image in PDF format
04/19/2012 -- ANNUAL REPORT	View image in PDF format
02/17/2011 -- ANNUAL REPORT	View image in PDF format
02/15/2010 -- ANNUAL REPORT	View image in PDF format
04/16/2009 -- ANNUAL REPORT	View image in PDF format
01/20/2008 -- ANNUAL REPORT	View image in PDF format
01/09/2007 -- ANNUAL REPORT	View image in PDF format
06/26/2006 -- Domestic Profit	View image in PDF format



Orlando Regional Bond Department

August 12, 2019

RE: Hinterland Group, Inc.

To Whom It May Concern:

The Hartford, through its operating entities, will favorably consider surety bonds to Hinterland Group, Inc. for projects up to \$15,000,000 single and \$75,000,000 aggregate. Our experience with Hinterland Group, Inc. has been excellent, and we highly recommend them to you.

Hartford's decision to issue any bond is conditioned upon acceptable review of contract terms, contract amount, bond forms, and financing for each project as well as other pertinent underwriting information at the time of the request.

Please understand that any arrangement for any bonds is a matter between Hinterland Group, Inc. and Hartford Accident and Indemnity Company and we assume no liability to third parties or you if, for any reason, we do not issue requested bonds.

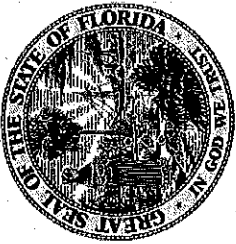
Hartford Accident and Indemnity Company is licensed and qualified to operate in the State of Florida and listed with the U.S. Department of Treasury Federal Register with an underwriting limitation of \$226,042,000, and has an AM Best Rating of A+.

This letter will expire on April 30, 2020.

Very Truly Yours,

Timothy M. Holicky
The Hartford

RICK SCOTT, GOVERNOR



JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

DUKE, DANIEL AMOS III

HINTERLAND GROUP INC
2051 W BLUE HERON BLVD
RIVIERA BEACH FL 33404

LICENSE NUMBER: CCG1520354

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com

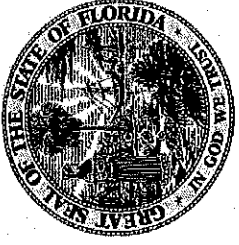


Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

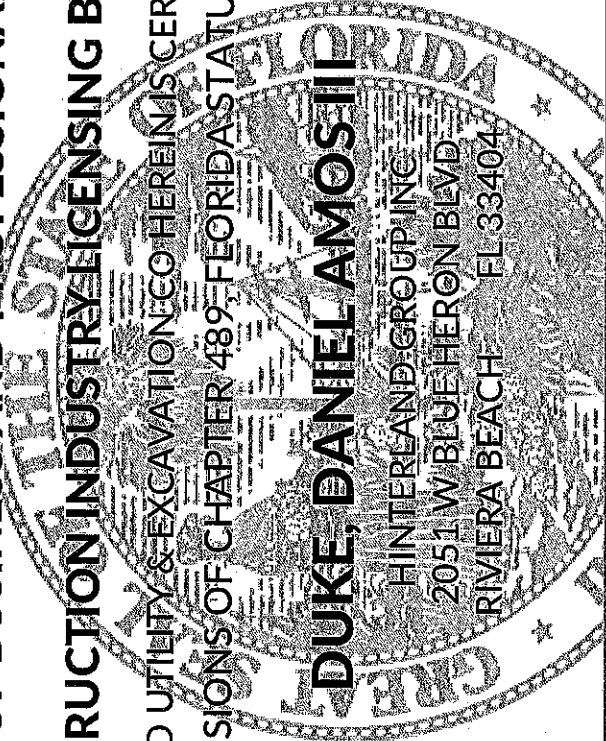
RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

THE UNDERGROUND UTILITY & EXCAVATION CO HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES



DUKE DANIEL AMOS III

HINTERLAND GROUP INC
2051 W BLUE HERON BLVD
RIVIERA BEACH FL 33404

LICENSE NUMBER: CUC1224634

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com

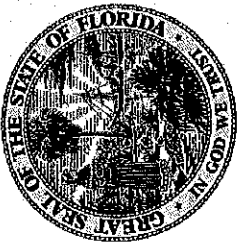


Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

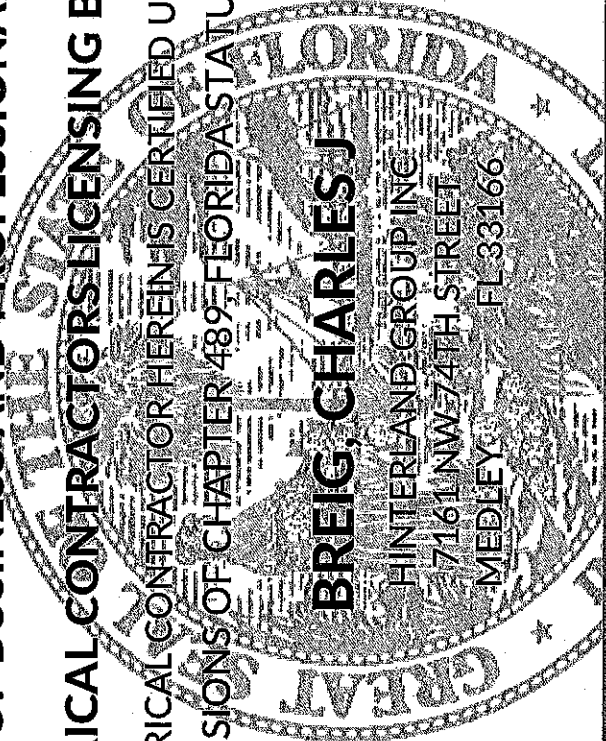
RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD

THE ELECTRICAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES



BREIG, CHARLES J.

HINTERLAND GROUP INC
7161 NW 74TH STREET
MEDLEY FL 33166

LICENSE NUMBER: EC13003615

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County

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

****LOCATED AT****

2051 W BLUE HERON BLVD
 RIVIERA BEACH, FL 33404

Serving you.

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0081 GENERAL CONTRACTOR	DUKE DANIEL AMOS III	CGC1520354	U19.856882 - 08/20/19	\$99.00	B40150913

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

B2 - 351

HINTERLAND GROUP INC
 HINTERLAND GROUP INC
 2051 WEST BLUE HERON BLVD
 RIVIERA BEACH, FL 33404

STATE OF FLORIDA
PALM BEACH COUNTY
2019/2020 LOCAL BUSINESS TAX RECEIPT

LBTR Number: 2015082364
EXPIRES: SEPTEMBER 30, 2020

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



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County

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

****LOCATED AT****

2051 W BLUE HERON BLVD
 RIVIERA BEACH, FL 33404

Serving you.

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0087 UNDERGROUND UTILITY & EXCAVATION	DUKE DANIEL AMOS III	CUC1224634	U19.855890 - 08/20/19	\$27.50	B40142321

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

B3 - 350

HINTERLAND GROUP INC
 HINTERLAND GROUP INC
 2051 WEST BLUE HERON BLVD
 RIVIERA BEACH, FL 33404

STATE OF FLORIDA
PALM BEACH COUNTY
2019/2020 LOCAL BUSINESS TAX RECEIPT

LBTR Number: 201139576
EXPIRES: SEPTEMBER 30, 2020

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



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County

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

****LOCATED AT****

2051 W BLUE HERON BLVD
 RIVIERA BEACH, FL 33404

Serving you.

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0189 ELECTRICAL CONTRACTOR	BREIG CHARLES J	EC13003615	U19.855895 - 08/20/19	\$99.00	B40160914

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

B1 - 351

HINTERLAND GROUP INC
 HINTERLAND GROUP INC
 2051 WEST BLUE HERON BLVD
 RIVIERA BEACH, FL 33404

STATE OF FLORIDA
PALM BEACH COUNTY
2019/2020 LOCAL BUSINESS TAX RECEIPT

LBTR Number: 2015082363
EXPIRES: SEPTEMBER 30, 2020

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



CITY OF RIVIERA BEACH
600 W BLUE HERON BLVD
RIVIERA BEACH FL 33404
BUSINESS TAX RECEIPT

Permit Year November 09, 2018 to September 30, 2019

2051 Blue Heron Blvd W
HINTERLAND GROUP INC

Issued:
Vendor: 12988.1
BUSINESS/ADMINISTRATION OFC

HINTERLAND GROUP INC
990 W 15TH ST
RIVIERA BEACH FL 33404

MUST BE POSTED CONSPICUOUSLY
AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
600 W BLUE HERON BLVD
RIVIERA BEACH FL 33404
BUSINESS TAX RECEIPT

Permit Year November 09, 2018 to September 30, 2019

2051 Blue Heron Blvd W
HINTERLAND GROUP INC

Issued:
Vendor: 12988.1
BUSINESS/ADMINISTRATION OFC

HINTERLAND GROUP INC
990 W 15TH ST
RIVIERA BEACH FL 33404

MUST BE POSTED CONSPICUOUSLY
AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
600 W BLUE HERON BLVD
RIVIERA BEACH FL 33404
BUSINESS TAX RECEIPT

Permit Year November 09, 2018 to September 30, 2019

2051 Blue Heron Blvd W
HINTERLAND GROUP INC

Issued:
Vendor: 12988.1
BUSINESS/ADMINISTRATION OFC

HINTERLAND GROUP INC
990 W 15TH ST
RIVIERA BEACH FL 33404

MUST BE POSTED CONSPICUOUSLY
AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
600 W BLUE HERON BLVD
RIVIERA BEACH FL 33404
CERTIFICATE OF USE

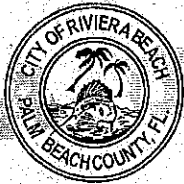
Permit Year November 09, 2018 to September 30, 2019

2051 Blue Heron Blvd W
HINTERLAND GROUP INC

Issued:
Vendor: 12988.1

HINTERLAND GROUP INC
990 W 15TH ST
RIVIERA BEACH FL 33404

MUST BE POSTED CONSPICUOUSLY
AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
600 W BLUE HERON BLVD
RIVIERA BEACH FL 33404
CERTIFICATE OF USE

Permit Year November 09, 2018 to September 30, 2019

2051 Blue Heron Blvd W
HINTERLAND GROUP INC

Issued:
Vendor: 12988.1

HINTERLAND GROUP INC
990 W 15TH ST
RIVIERA BEACH FL 33404

MUST BE POSTED CONSPICUOUSLY
AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
600 W BLUE HERON BLVD
RIVIERA BEACH FL 33404
CERTIFICATE OF USE

Permit Year November 09, 2018 to September 30, 2019

2051 Blue Heron Blvd W
HINTERLAND GROUP INC

Issued:
Vendor: 12988.1

HINTERLAND GROUP INC
990 W 15TH ST
RIVIERA BEACH FL 33404

MUST BE POSTED CONSPICUOUSLY
AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
 600 W BLUE HERON BLVD
 RIVIERA BEACH FL 33404
 BUSINESS TAX RECEIPT

Permit Year October 01, 2018 to September 30, 2019

992 W 15th St
 HINTERLAND GROUP INC

HINTERLAND GROUP INC
 2051 W BLUE HERON BLVD
 RIVIERA BEACH FL 33404

Issued:

Vendor: 10944.1
 8611-BUSINESS OFFICE
 EMPLOYEES-20 OR MORE
 STORAGE

MUST BE POSTED CONSPICUOUSLY
 AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
 600 W BLUE HERON BLVD
 RIVIERA BEACH FL 33404
 BUSINESS TAX RECEIPT

Permit Year October 01, 2018 to September 30, 2019

992 W 15th St
 HINTERLAND GROUP INC

HINTERLAND GROUP INC
 2051 W BLUE HERON BLVD
 RIVIERA BEACH FL 33404

Issued:

Vendor: 10944.1
 8611-BUSINESS OFFICE
 EMPLOYEES-20 OR MORE
 STORAGE

MUST BE POSTED CONSPICUOUSLY
 AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
 600 W BLUE HERON BLVD
 RIVIERA BEACH FL 33404
 BUSINESS TAX RECEIPT

Permit Year October 01, 2018 to September 30, 2019

992 W 15th St
 HINTERLAND GROUP INC

HINTERLAND GROUP INC
 2051 W BLUE HERON BLVD
 RIVIERA BEACH FL 33404

Issued:

Vendor: 10944.1
 8611-BUSINESS OFFICE
 EMPLOYEES-20 OR MORE
 STORAGE

MUST BE POSTED CONSPICUOUSLY
 AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
600 W BLUE HERON BLVD
RIVIERA BEACH FL 33404
CERTIFICATE OF USE

Permit Year October 01, 2018 to September 30, 2019

992 W 15th St
HINTERLAND GROUP INC

Issued:
Vendor: 10944.1

HINTERLAND GROUP INC
2051 W BLUE HERON BLVD
RIVIERA BEACH FL 33404

MUST BE POSTED CONSPICUOUSLY
AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
600 W BLUE HERON BLVD
RIVIERA BEACH FL 33404
CERTIFICATE OF USE

Permit Year October 01, 2018 to September 30, 2019

992 W 15th St
HINTERLAND GROUP INC

Issued:
Vendor: 10944.1

HINTERLAND GROUP INC
2051 W BLUE HERON BLVD
RIVIERA BEACH FL 33404

MUST BE POSTED CONSPICUOUSLY
AT YOUR PLACE OF BUSINESS



CITY OF RIVIERA BEACH
600 W BLUE HERON BLVD
RIVIERA BEACH FL 33404
CERTIFICATE OF USE

Permit Year October 01, 2018 to September 30, 2019

992 W 15th St
HINTERLAND GROUP INC

Issued:
Vendor: 10944.1

HINTERLAND GROUP INC
2051 W BLUE HERON BLVD
RIVIERA BEACH FL 33404

MUST BE POSTED CONSPICUOUSLY
AT YOUR PLACE OF BUSINESS

2018 - 2019

BREVARD COUNTY BUSINESS TAX RECEIPT
SUBJECT TO COUNTY ZONING RESTRICTIONS
TAX RECEIPT SHOULD BE DISPLAYED ON PREMISES

ACCOUNT NO.
885045359

THE PERSON(S), OR ENTITY BELOW:
HINTERLAND GROUP INC
5580 STATE ROAD 524
COCOA, FL 32926

BUSINESS PERIOD: October 01, 2018 - September 30, 2019
EXPIRES: SEPTEMBER 30, 2019

ISSUED PURSUANT AND SUBJECT TO FLORIDA STATUTES AND BREVARD COUNTY CODE ISSUANCE DOES NOT CERTIFY COMPLIANCE WITH ZONING OR OTHER LAWS.
BUSINESS TAX RECEIPT IS SUBJECT TO REVOCATION FOR ZONING VIOLATIONS, AND / OR FAILURE TO MAINTAIN REGULATORY PRE-REQUISITES AS REQUIRED FOR BUSINESS CLASSIFICATION(S), OR SUBSEQUENT ACTIVITIES. NOTIFY TAX COLLECTOR UPON CLOSING OF BUSINESS.
A PERMIT IS REQUIRED TO ADVERTISE (Including with signage) "GOING OUT OF BUSINESS".

LOCATION:
5580 HWY 524
CITY OF COCOA, FL 32926

LISA CULLEN, CFC, Brevard County Tax Collector
P O Box 2500, Titusville, Florida 32781-2500
(321) 264-6969 or (321) 633-2199

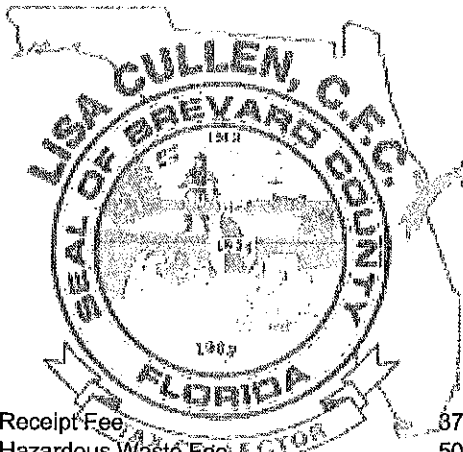
UPON A CHANGE OF OWNERSHIP OR LOCATION,
BUSINESS TAX RECEIPT SHOULD BE TRANSFERRED WITHIN 30 DAYS.

OWNED BY:
HINTERLAND GROUP INC

BUSINESS CLASSIFICATIONS, DISCLAIMERS, AND RELATED FEES:

EXEMPTIONS: 0.00

820005	RECEIPT AMT
590501	HAZ WASTE GEN. SURCHARGE
300050	BUILDING CONTR. -CERTIFIED
300750	UNDERGROUND UTILITY CONTR.



Receipt Fee	37.00
Hazardous Waste Fee	50.00
Zoning Application Fee	0.00
Building Occupancy Review Fee	0.00
Fire Prevention Fee	0.00
Late Penalty	0.00
NSF Fee	0.00
Transfer Fee	0.00

Paid 719-18-00001516 07/26/2018 87.00

MAIN OFFICE: 400 South St., 6th Floor, Titusville, FL 32780

BRANCH OFFICES: Merritt Island Office, 1605 N. Courtenay Pkwy
Melbourne Office, 1515 Sarno Road
Palm Bay Office, 450 Cogan Dr. SE
Titusville Office, 800 Park Ave.
Indian Harbour Beach Office, 240 E. Eau Gallie Blvd.
Viera Office, 2725 Judge Fran Jamieson Way, #A108, Viera, FL 32940

2019 - 2020

BREVARD COUNTY BUSINESS TAX RECEIPT
SUBJECT TO COUNTY ZONING RESTRICTIONS
TAX RECEIPT SHOULD BE DISPLAYED ON PREMISES

ACCOUNT NO.
885045359

THE PERSON(S), OR ENTITY BELOW:
HINTERLAND GROUP INC
5580 STATE ROAD 524
COCOA, FL 32926

BUSINESS PERIOD: October 01, 2019 - September 30, 2020
EXPIRES: SEPTEMBER 30, 2020

ISSUED PURSUANT AND SUBJECT TO FLORIDA STATUTES AND BREVARD COUNTY CODE ISSUANCE DOES NOT CERTIFY COMPLIANCE WITH ZONING OR OTHER LAWS. BUSINESS TAX RECEIPT IS SUBJECT TO REVOCATION FOR ZONING VIOLATIONS, AND / OR FAILURE TO MAINTAIN REGULATORY PRE-REQUISITES AS REQUIRED FOR BUSINESS CLASSIFICATION(S), OR SUBSEQUENT ACTIVITIES. NOTIFY TAX COLLECTOR UPON CLOSING OF BUSINESS. A PERMIT IS REQUIRED TO ADVERTISE (Including with signage) "GOING OUT OF BUSINESS".

LOCATION:
5580 HWY 524
CITY OF COCOA, FL 32926

LISA CULLEN, CFC, Brevard County Tax Collector
P O Box 2500, Titusville, Florida 32781-2500
(321) 264-6969 or (321) 633-2199

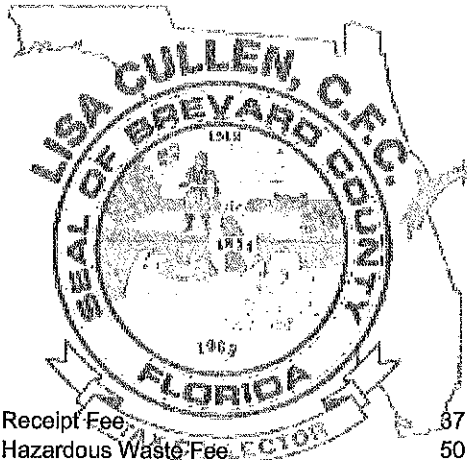
UPON A CHANGE OF OWNERSHIP OR LOCATION,
BUSINESS TAX RECEIPT SHOULD BE TRANSFERRED WITHIN 30 DAYS.

OWNED BY:
HINTERLAND GROUP INC

BUSINESS CLASSIFICATIONS, DISCLAIMERS, AND RELATED FEES:

EXEMPTIONS: 0.00

820005	RECEIPT AMT
590501	HAZ WASTE GEN. SURCHARGE
300050	BUILDING CONTR. -CERTIFIED
300750	UNDERGROUND UTILITY CONTR.



Receipt Fee	37.00
Hazardous Waste Fee	50.00
Zoning Application Fee	0.00
Building Occupancy Review Fee	0.00
Fire Prevention Fee	0.00
Late Penalty	0.00
NSF Fee	0.00
Transfer Fee	0.00

Paid 000-19-00185216 08/06/2019 87.00

MAIN OFFICE: 400 South St., 6th Floor, Titusville, FL 32780

BRANCH OFFICES: Merritt Island Office, 1605 N. Courtenay Pkwy
Melbourne Office, 1515 Sarno Road
Palm Bay Office, 450 Cogan Dr. SE
Titusville Office, 800 Park Ave.
Indian Harbour Beach Office, 240 E. Eau Gallie Blvd.
Viera Office, 2725 Judge Fran Jamieson Way, #A108, Viera, FL 32940

MARTIN COUNTY ORIGINAL
BUSINESS TAX RECEIPT

Honorable Ruth Pietruszewski CFC, Tax Collector
3485 S.E. Willoughby Blvd., Stuart, FL 34994
(772) 288-5604

Account 2018-508-0473 Cert EC13003615
Phone (888)402-3331 Sic No 238210
Location 2051 W BLUE HERON BLVD 25 STU



Prev Yr	\$.00	Lic Fee	\$26.25
	\$.00	Penalty	\$.00
	\$.00	Coll-Fee	\$.00
	\$.00	Transfer	\$.00

TOTAL \$26.25

Has satisfied requirements to engage in the business, profession
or occupation of ELEC CONTR. ADMIN OFFICE
at location listed for the period beginning on the
13 Day of AUGUST
AND ENDING SEPTEMBER 30 2020

HINTERLAND GROUP INC
HINTERLAND GROUP INC
BREIG, CHARLES (QUAL)
2051 WEST BLUE HERON BLVD
REVIERA BEACH, FL 33404

805 2018 04643.0001 PAID

THIS FORM BECOMES A RECEIPT ONLY WHEN VALIDATED BY RECEIPTING MACHINE.

ANYONE DOING BUSINESS WITHOUT A VALID BUSINESS TAX RECEIPT IS
SUBJECT TO A \$250 FINE. IF NOT PAID BY SEPT. 30th, A DELINQUENT PENALTY OF 10%
FOR THE MONTH OF OCTOBER, PLUS A 5% PENALTY FOR EACH MONTH THEREAFTER
UP TO 25%, PLUS COLLECTION COSTS WILL APPLY.

NOTE: A PENALTY IS IMPOSED FOR FAILURE TO KEEP THIS BUSINESS TAX RECEIPT
EXHIBITED CONSPICUOUSLY AT YOUR ESTABLISHMENT OR PLACE OF BUSINESS.

MARTIN COUNTY ORIGINAL
BUSINESS TAX RECEIPT

Honorable Ruth Pietruszewski CFC, Tax Collector
3485 S.E. Willoughby Blvd., Stuart, FL 34994
(772) 288-5604

Account 2018-518-0475 Cert CUC1224634
Phone (800)402-3331 Sic No 0
Location 955 SE CENTRAL PKWY 25 STU



Prev Yr	\$.00	Lic Fee	\$26.25
	\$.00	Penalty	\$.00
	\$.00	Coll-Fee	\$.00
	\$.00	Transfer	\$.00

TOTAL \$26.25

Has satisfied requirements to engage in the business, profession
or occupation of UNDERGROUND EXCAV ADMIN OFFICE

at location listed for the period beginning on the

13 Day of AUGUST

AND ENDING SEPTEMBER 30 2020

HINTERLAND GROUP INC
HINTERLAND GROUP INC
DUKE, DANIEL (QUAL)
2051 WEST BLUE HERON BLVD
REVIER BEACH, FL 33404

805 2018 04642.0001 PAID

THIS FORM BECOMES A RECEIPT ONLY WHEN VALIDATED BY RECEIPTING MACHINE.

ANYONE DOING BUSINESS WITHOUT A VALID BUSINESS TAX RECEIPT IS
SUBJECT TO A \$250 FINE. IF NOT PAID BY SEPT. 30th, A DELINQUENT PENALTY OF 10%
FOR THE MONTH OF OCTOBER, PLUS A 5% PENALTY FOR EACH MONTH THEREAFTER
UP TO 25%, PLUS COLLECTION COSTS WILL APPLY.

NOTE: A PENALTY IS IMPOSED FOR FAILURE TO KEEP THIS BUSINESS TAX RECEIPT
EXHIBITED CONSPICUOUSLY AT YOUR ESTABLISHMENT OR PLACE OF BUSINESS.

MARTIN COUNTY ORIGINAL
BUSINESS TAX RECEIPT

Honorable Ruth Pietruszewski CFC, Tax Collector
3485 S.E. Willoughby Blvd., Stuart, FL 34994
(772) 288-5604

Account 2018-513-0474 Cert CGC1620354
Phone (800)402-3331 Sic No 238910
Location 955 SE CENTRAL PKWY STU



Prev Yr	\$.00	Lic Fee	\$26.25
	\$.00	Penalty	\$.00
	\$.00	Coll-Fee	\$.00
	\$.00	Transfer	\$.00

TOTAL \$26.25

Has satisfied requirements to engage in the business, profession
or occupation of CERT CONTRACTOR ADMIN OFFICE
at location listed for the period beginning on the
13 Day of AUGUST
AND ENDING SEPTEMBER 30 2020

HINTERLAND GROUP INC
HINTERLAND GROUP INC
DUKE, DANIEL (QUAL)
2051 W BLUE HERON BLVD
RIVIERA BEACH, FL 33404

805 2018 04641.0001 PAID

THIS FORM BECOMES A RECEIPT ONLY WHEN VALIDATED BY RECEIPTING MACHINE.

ANYONE DOING BUSINESS WITHOUT A VALID BUSINESS TAX RECEIPT IS
SUBJECT TO A \$250 FINE. IF NOT PAID BY SEPT. 30th, A DELINQUENT PENALTY OF 10%
FOR THE MONTH OF OCTOBER, PLUS A 5% PENALTY FOR EACH MONTH THEREAFTER
UP TO 25%, PLUS COLLECTION COSTS WILL APPLY.

NOTE: A PENALTY IS IMPOSED FOR FAILURE TO KEEP THIS BUSINESS TAX RECEIPT
EXHIBITED CONSPICUOUSLY AT YOUR ESTABLISHMENT OR PLACE OF BUSINESS.



CITY OF STUART
LOCAL BUSINESS TAX RECEIPT
 2019-2020

RECEIPT NO.	ACCOUNT NO.	CATEGORY NO.
13589	29883	170500

TAX YEAR BEGINS OCTOBER 1 AND ENDS SEPTEMBER 30.
 PAYMENT OCTOBER 1 CONSTITUTES VIOLATION
 OF CITY CODE OF ORDINANCES

This local business tax receipt does not permit the holder to operate in violation of any City law, ordinance, or regulation. Any changes in location or ownership must be approved by the City License Section, subject to zoning restrictions. This receipt does not constitute an endorsement, approval, or disapproval of the holder's skill or competence or of the compliance or non-compliance of the holder with other laws, regulations, or standards.

Local Business Taxing Questions 772-288-5319

BUSINESS TYPE	CONTRACTOR - GENERAL
OWNER AND LOCATION	DUKE III, DANIEL A 955 SE CENTRAL PKWY UNIT 25
ST/CITY LICENSE	CGC1520354/CUC122463
DESCRIPTION	

FEE	PENALTY	TRANSFER	MISCELLANEOUS	PAID
100.00	0.00	0.00	0.00	100.00

BUSINESS NAME AND MAILING ADDRESS	HINTERLAND GROUP INC DUKE III, DANIEL A 955 SE CENTRAL PKWY SUITE 25 STUART FL 34994
-----------------------------------	--

DATE	07/12/2019
------	------------

MARY KINDEL
 CITY CLERK

KEEP THIS RECEIPT - NO TRANSFER WITHOUT ORIGINAL RECEIPT

THIS IS NOT AN INVOICE

THIS IS YOUR LOCAL BUSINESS TAX RECEIPT



CITY OF STUART
LOCAL BUSINESS TAX RECEIPT
 2019-2020

RECEIPT NO.	ACCOUNT NO.	CATEGORY NO.
13590	29883	170650

TAX YEAR BEGINS OCTOBER 1 AND ENDS SEPTEMBER 30.
 PAYMENT OCTOBER 1 CONSTITUTES VIOLATION
 OF CITY CODE OF ORDINANCES

This local business tax receipt does not permit the holder to operate in violation of any City law, ordinance, or regulation. Any changes in location or ownership must be approved by the City License Section, subject to zoning restrictions. This receipt does not constitute an endorsement, approval, or disapproval of the holder's skill or competence or of the compliance or non-compliance of the holder with other laws, regulations, or standards.

Local Business Taxing Questions 772-288-5319

BUSINESS TYPE	CONTRACTOR - UNDERGROUND UTIL
OWNER AND LOCATION	DUKE III, DANIEL A 955 SE CENTRAL PKWY UNIT 25
CITY LICENSE	CGC1520354/CUC122463
DESCRIPT:	

FREE	PENALTY	TRANSFER	MISCELLANEOUS	PAID
100.00	0.00	0.00	0.00	100.00

BUSINESS NAME AND MAILING ADDRESS	HINTERLAND GROUP INC DUKE III, DANIEL A 955 SE CENTRAL PKWY SUITE 25 STUART FL 34994
-----------------------------------	--

DATE
07/12/2019

MARY KINDEL
CITY CLERK

KEEP THIS RECEIPT - NO TRANSFER WITHOUT ORIGINAL RECEIPT

THIS IS NOT AN INVOICE

THIS IS YOUR LOCAL BUSINESS TAX RECEIPT



CITY OF STUART
LOCAL BUSINESS TAX RECEIPT
 2019-2020

RECEIPT NO.	ACCOUNT NO.	CATEGORY NO.
13591	29883	120014

TAX YEAR BEGINS OCTOBER 1 AND ENDS SEPTEMBER 30.
 PAYMENT OCTOBER 1 CONSTITUTES VIOLATION
 OF CITY CODE OF ORDINANCES

This local business tax receipt does not permit the holder to operate in violation of any City law, ordinance, or regulation. Any changes in location or ownership must be approved by the City License Section, subject to zoning restrictions. This receipt does not constitute an endorsement, approval, or disapproval of the holder's skill or competence or of the compliance or non-compliance of the holder with other laws, regulations, or standards.

Local Business Taxing Questions 772-288-5319

BUSINESS TYPE	CONTRACTOR OFFICE
OWNER AND LOCATION	DUKE III, DANIEL A 955 SE CENTRAL PKWY UNIT 25
CITY LICENSE	CGC1520354/CUC122463
DESCRIPT	

FEE	PENALTY	TRANSFER	MISCELLANEOUS	PAID
100.00	0.00	0.00	0.00	100.00

BUSINESS NAME AND MAILING ADDRESS	HINTERLAND GROUP INC DUKE III, DANIEL A 955 SE CENTRAL PKWY SUITE 25 STUART FL 34994
-----------------------------------	--

DATE
07/12/2019

MARY KINDEL
CITY CLERK

KEEP THIS RECEIPT - NO TRANSFER WITHOUT ORIGINAL RECEIPT

THIS IS NOT AN INVOICE

THIS IS YOUR LOCAL BUSINESS TAX RECEIPT



CITY OF STUART
LOCAL BUSINESS TAX RECEIPT
 2019-2020

RECEIPT NO.	ACCOUNT NO.	CATEGORY NO.
13609	29901	170730

TAX YEAR BEGINS OCTOBER 1 AND ENDS SEPTEMBER 30.
 PAYMENT OCTOBER 1 CONSTITUTES VIOLATION
 OF CITY CODE OF ORDINANCES

BUSINESS TYPE	CONTRACTOR - ELECTRICAL
OWNER AND LOCATION	BREIG, CHARLES J 955 SE CENTRAL PKWY UNIT 25
STACY LICENSE	EC13003615
DESCRIPT	

This local business tax receipt does not permit the holder to operate in violation of any City law, ordinance, or regulation. Any changes in location or ownership must be approved by the City License Section, subject to zoning restrictions. This receipt does not constitute an endorsement, approval, or disapproval of the holder's skill or competence or of the compliance or non-compliance of the holder with other laws, regulations, or standards.

Local Business Taxing Questions 772-288-6319

FEE	PENALTY	TRANSFER	MISCELLANEOUS	PAID
100.00	0.00	0.00	0.00	100.00

BUSINESS NAME AND MAILING ADDRESS	HINTERLAND GROUP INC BREIG, CHARLES J 2051 WEST BLUE HERON BLVD' RIVIERA BEACH FL 33404
-----------------------------------	--

DATE	08/16/2019
------	------------

MARY KINDEL
 CITY CLERK

KEEP THIS RECEIPT - NO TRANSFER WITHOUT ORIGINAL RECEIPT

THIS IS NOT AN INVOICE

THIS IS YOUR LOCAL BUSINESS TAX RECEIPT

CITY OF WEST PALM BEACH

DEPARTMENT OF DEVELOPMENT SERVICES



Attached is your 2019-2020 Business Receipt evidencing payment of fees for your Local Business Tax; Certificate of Use (if applicable); Sidewalk Café Permit (if applicable); and/or Extended Hours Alcohol Permit (if applicable).

Business Tax Receipt: This document, based on the business category codes listed below, is your Business Tax Receipt. **THIS BUSINESS TAX RECEIPT MUST BE DISPLAYED ON THE PREMISES IN A PLACE WHERE IT MAY BE SEEN AT ALL TIMES (Sec. 82-160 City Code).**

Certificate of Use: A certificate of use may be suspended or revoked in accordance with Sec. 22-39 of the City Code.

Sidewalk Café Permit: A sidewalk café permit requires compliance with the conditions in Secs. 78-345 and 78-347 of the City Code. A sidewalk café permit may be suspended or revoked pursuant to Sec. 78-348 of the City Code.

Extended Hours Alcohol Permit: An extended hours alcohol permit requires compliance with the conditions in Sec. 6-8 of the City Code and may be suspended or revoked as provided in said section.

FOR INFORMATION CALL (561) 805-6700 EMAIL businessstax@wpb.org HOURS 8:00 AM - 5:00 PM --- MONDAY - FRIDAY

INSTRUCTIONS: PLEASE POST IN A CONSPICUOUS PLACE AT YOUR PLACE OF BUSINESS.



WEST PALM BEACH

Development Services

CITY OF WEST PALM BEACH

2019 to 2020 BUSINESS RECEIPT

NOT TRANSFERABLE

CITY OF WEST PALM BEACH
P.O. BOX 3147, WEST PALM BEACH, FL. 33402

0000026055
HINTERLAND GROUP INC
5401 N HAVERHILL RD 114

CUC1224634 UNDERGROUND
UTILITIES OFFICE
CGC1520354
GENERAL CONTRATOR
EC13003615 ELEC CONT

BUS. TAX ID.	CATEGORY	DESCRIPTION	FEE
53644	237110	WATER & SEWER LINE & RELATED STRUCTURES	86.81
69734	236220	GENERAL CONTRACTOR	86.81
69735	238210	ELECTRICAL CONTRACTOR	86.81
TOTAL			260.43

**EXPIRES
SEPTEMBER 30,
2020**

**THIS DOCUMENT NOT VALID
UNTIL FUNDS ARE COLLECTED**

TOTAL	260.43		
** PAID	260.43	** BAL **	0.00



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

June 3, 2019

HINTERLAND GROUP, INC
2051 WEST BLUE HERON BOULEVARD
RIVIERA BEACH, FLORIDA 33404

RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 6/30/2020. However, the new application is due 4/30/2020.

In accordance with S.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements.

If your company's maximum capacity has been revised, you can access it by logging into the Contractor Prequalification Application System via the following link:
<HTTPS://fdotwpl.dot.state.fl.us/ContractorPreQualification/>

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:

DRAINAGE, ELECTRICAL WORK, Water & Wastewater, Manhole Rehabilitation, Lift Stations, Pipe Lining & Pipe Desilting.

You may apply for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code (F.A.C.), by accessing your most recently approved application as shown above and choosing "Update" instead of "View." If certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

All prequalified contractors are required by Section 14-22.006(3), F.A.C., to certify their work underway monthly in order to adjust maximum bidding capacity to available bidding capacity. You can find the link to this report at the website shown above.

Sincerely,

Alan Autry, Manager
Contracts Administration Office

AA:cj



Contractor Pre-Qualification (CPQ)

[Logout](#) INFO@HINTERLANDGROUP.COM



[Home](#) [Update Work Underway](#) [Help](#)

Annual Application

8/12/2019 3:57:15 PM EST

[Vendor](#) [Stakeholders](#) [Affiliates](#) [Work Classes](#) [Financial](#) [Contracts](#) [Manage](#)
[Attach Financial Statements](#) [Additional Documentation](#) [Submit](#) [Application Summary](#)

Vendor Number: F205156844002
 Application Status: COMPLETED

Name: HINTERLAND GROUP, INC
 Fiscal Year End Date: 12/31/2018

Application Due Date:
 4/30/2019

NOTE: The Capacity shown below will be reduced by your Work Underway to determine your Available Bidding Capacity.

Adjusted Current Ratio:	1.34		
Ability Score:	75	Surety Multiplier:	0
Ability Factor:	4	Calculated Maximum Bid Capacity:	\$ 35,000,000.00
Adjusted Net Worth:	\$ 6,533,651.00		

Document	Mailed	Received	Attached
Audited or Reviewed Financial Statements	4/26/2019	4/26/2019	N/A
Affidavit		4/26/2019	AFFIDAVIT.PDF Request Document
Equipment	4/24/2019		
Surety Letter			BONDIBILITY & POA.PDF Request Document
Letters of Recommendation			
<input type="radio"/> Audited or <input checked="" type="radio"/> Reviewed Financial Statements	N/A	N/A	HINTERLAND GROUP INC SIGNED FS 12 31 2018.PDF Request Document
Additional Document	N/A	N/A	



Florida Department of Transportation

RICK SCOTT
GOVERNOR

801 North Broadway Avenue
Bartow, FL 33830

MIKE DEW
SECRETARY

August 19, 2018

Hinterland Group, Inc.
Attn: Curt Maring
2051 West Blue Heron Blvd.
Riviera Beach, FL 33404

Re: **Final Contractor Field Performance Report**
Maintenance Contract No.:E1Q95-R0
Financial Project No.:437929-1-72-22
County:Desoto, Glades, Hardee, Hendry, and Highlands County
Project Description: Pipe Side Drain Desilting

Dear Mr. Maring;

Attached is the *Final Contractor Field Performance Report* (CFPR) for E1Q95-R0. Please sign the CFPR and return to this office within 10 business days. If you desire a meeting to discuss the results of the Report, please submit your written request to Wayne.Harris@dot.state.fl.us.

Written request for a meeting must be received by this office within ten (10) business days from your receipt of this letter. If requested, the Project Manager will schedule the meeting based on a mutually agreed upon time and date at a location selected by the Department. If a meeting is not requested, or you fail to attend the meeting that is scheduled to discuss the CFPR, you will be deemed to have accepted the Final CFPR and forfeit your dispute rights.

Respectfully,

Wayne Harris

Contracts Coordinator

Sebring Operations Center
4722 Kenilworth Blvd. Sebring, Fl 33870
Telephone (863) 471-4848
www.dot.state.fl.us

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
CONTRACTOR
FIELD PERFORMANCE REPORT

375-020-43
 MAINTENANCE
 06/14

Contractor: Hinterland Group, Inc.

Contract: E1Q95-R0

Evaluation Date: August 19, 2018

Type of Evaluation: Periodic Final

Category One

Pursuit and Timely Completion of Work

	Performance
The Contractor performed all work in an effective and expedient manner. The Department's expectations regarding timely pursuit and completion of the work were often exceeded.	Excellent <input checked="" type="radio"/>
Except for a few occasions, the Contractor completed all of the work within authorized timeframes. The Contractor consistently demonstrated sufficient efforts to complete work in a timely fashion. The Department's expectations regarding timely pursuit and completion of the work were usually met and sometimes exceeded.	Satisfactory <input type="radio"/>
The Contractor occasionally completed the work in a timely manner, but efforts were consistently less than adequate. Department involvement was required on more than one occasion to prompt the Contractor to complete the work.	Unsatisfactory <input type="radio"/>
The Contractor failed to complete the work in a timely fashion. On several occasions the Contractor failed to begin work in a timely fashion, and the Contractor made little effort to correct deficiencies. Substantial Department involvement was required to prompt completion of the work, including written correspondence advising the Contractor of potential default. Expectations were not met.	Poor <input type="radio"/>
Notes & Comments	
Contractor completed all work documents on schedule and in compliance with FDOT Specifications. No issues were documented.	

Category Two

Maintenance of Traffic (MOT) & Safety Operations

	Performance
MOT setups and compliance were proper with no correctable complaints from Department personnel and/or traveling public. No incidents or injuries occurred within work zones due to improper MOT. Qualified MOT personnel were present at all times. Expectations were exceeded. Contractor often went above and beyond FDOT Design Standard requirements to ensure safety for both work crews and traveling public.	Excellent <input checked="" type="radio"/>
MOT setups and compliance were mostly proper with few correctable complaints from Department personnel and/or traveling public. No incidents or injuries occurred within work zones due to improper MOT. Qualified MOT personnel were present. Expectations were met and exceeded occasionally.	Satisfactory <input type="radio"/>
MOT setups and compliance were at times achieved, but there were several complaints and/or incidents of non-compliance. No major incidents or injuries occurred within work zones due to improper MOT. Qualified MOT personnel were usually present. Some involvement from Department personnel was required on a few occasions. Expectations were not consistently met.	Unsatisfactory <input type="radio"/>
Proper MOT deployment and overall compliance was lacking. Numerous correctable complaints from Department personnel and/or traveling public were noted. An incident with injuries may have occurred within the work zone due to improper MOT. Qualified MOT personnel were seldom on site or in close proximity to the work site. Expectations were not met.	Poor <input type="radio"/>
N/A (To be used when MOT was not necessary or included in the contract).	N/A <input type="radio"/>
Notes & Comments	
Crews utilized the 600 index for any work performed in the Right-of-Way. Field safety checks were observed by the Department. All work was completed safely.	

Contractor: Hinterland Group, Inc.

Contract: E1Q95-R0

Evaluation Date: August 19, 2018

Category Three

Timely and Complete Submittal of Documents and Reports

	Performance
Written correspondence and documentation were error free and critical dates were met.	Excellent ⊙*
Contractor adequately followed the contract from a written correspondence perspective. Quality in relation to written correspondence was good with few errors.	Satisfactory ○
Department personnel encountered issues with the overall quality of the written correspondence or overall timeliness of contract document submittal.	Unsatisfactory ○
Overall quality control from a correspondence/paperwork aspect was not met. Excessive prompting from Department personnel for required documentation was required and the correction of substandard/low quality work was necessary. Contractor failed to submit required documents such as Form 21-A within allowable time.	Poor ○
Notes & Comments	
Contractor utilized emails to ensure communication with the department. All corresponding documents were turned in error free and all critical dates were met. Crews turned in necessary documentation and quantities.	

Category Four

Overall Quality Control, Environmental Compliance, and Compliance with Contract Requirements

	Performance
Contractor followed all of the requirements/conditions of the contract with superior quality in accordance with FDOT Standards and Specifications (including environmental issues if applicable). Contractor was self-sufficient requiring no help from the Department.	Excellent ⊙*
Contractor consistently performed quality work operations according to the contract with few errors.	Satisfactory ○
Overall quality control in the field was not consistently met. Department personnel were often required to prompt the Contractor for correction of substandard or low quality work.	Unsatisfactory ○
The Department identified notable errors and failures to meet contract requirements. Overall quality control was only met on occasion.	Poor ○
Notes & Comments	
Contractor followed all guidelines by the Department and in compliance with the contract.	

Contractor: Hinterland Group, Inc.

Contract: E1Q95-R0

Evaluation Date: August 19, 2018

Category Five

Interaction, coordination, and cooperation with Department personnel, traveling public, other contractors, property owners and other Governmental agencies

	Performance
Interaction with Department personnel was outstanding; no complaints from the traveling public or adjacent property owners were noted. The Contractor handled any issues that arose, notifying the Department of the outcome. Positive feedback from the public was noted. Expectations were often exceeded.	Excellent ⊙
Few, if any, complaints from the traveling public or adjacent property owners were noted. When a concern was expressed, the Contractor was quick to resolve it. Positive interaction with Department personnel with some positive feedback from the public was noted. Expectations were always met and occasionally exceeded.	Satisfactory ○
Some complaints from outside parties and Department personnel were noted (mostly minor in nature). Most complaints were handled in a timely manner. Expectations were not consistently met.	Unsatisfactory ○
Numerous complaints were received about work operations, staging of equipment, and/or poor attitude. The Contractor repeatedly failed to follow instructions; communication and cooperation was inadequate.	Poor ○
Notes & Comments	
Contractor was able to answer any questions the Department had and able to meet on-site about any unforeseen work and issues. There were no issues with department personnel, traveling public, other contractors, property owners, and any other government agencies.	

Category Six

Disadvantaged Business Enterprise (DBE) Reporting

	Performance
Contractor's staff was very well qualified and capable to address sufficient utilization of the Equal Opportunity Compliance (EOC) System application to collect, review, and report any DBE commitments/payments. Periodic checks of the EOC System by Department personnel revealed no issues and no follow up with the Contractor in regard to DBE issues was required.	Excellent ⊙
Contractor's staff sufficiently utilized the Equal Opportunity Compliance (EOC) System to adequately collect, review and report DBE commitments/payments. Periodic checks of the EOC System by Department personnel revealed very few issues and minimal follow up with the Contractor in regard to DBE issues was required.	Satisfactory ○
Contractor demonstrated little interest in utilizing the EOC system to collect, review, and report any DBE commitments/payments. Requests for the Contractor to utilize the system were repeatedly made by Department personnel and follow up with the Contractor was often required.	Unsatisfactory ○
Contractor failed to adequately report DBE commitments/payments. Requests for the Contractor to correct errors within the system were repeatedly made by the Department; excessive/recurring assistance to the Contractor was necessary.	Poor ○
N/A (To be used when the Contractor is exempt from DBE reporting requirements.)	N/A ○
Notes & Comments	
Contractor met the Department minimum requirements for the EOC system.	

Overall Score 100

Contractor: Hinterland Group, Inc.

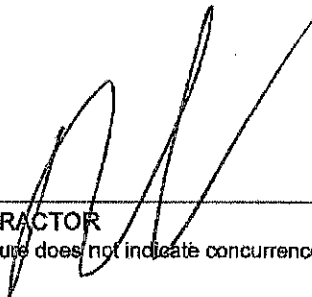
Contract: E1Q95-R0

Evaluation Date: August 19, 2018

Summary

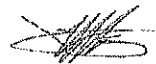
The Contractor followed all guidelines and worked well with the Department. The contractor handled any issues and resolved problems that arose within a timely manner. Overall, the contractor was pleasant to work with.

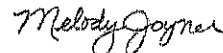
Pursuit and Timely Completion of Work	<u>Excellent</u>
Maintenance of Traffic (MOT) & Safety Operations	<u>Excellent</u>
Timely and Complete Submittal of Documents and Reports	<u>Excellent</u>
Overall Quality Control, Environmental Compliance, and Compliance with Contract Requirements	<u>Excellent</u>
Interaction, coordination, and cooperation with Department personnel, traveling public, other contractors, property owners and Government agencies	<u>Excellent</u>
Disadvantaged Business Enterprise (DBE) Reporting	<u>Excellent</u>



 CONTRACTOR Date 8/28/18
 (Signature does not indicate concurrence)

Submitted By:  8/23/18
 Project Manager Date

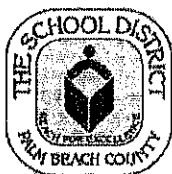
Reviewed By: 
 Cost Center Manager Date

Reviewed By: 
 District Maintenance Engineer Date

Digitally signed by: Joel Hobbs
 DN: CN = Joel Hobbs C = US O = IdenTrust
 ACES Business Representative OU = FLORIDA
 DEPARTMENT OF TRANSPORTATION
 Date: 2018.08.27 08:41:30 -0500'

Digitally signed by: 113636af-37e8-427f-a53a-
 d1699083b1b
 DN: CN = 113636af-37e8-427f-a53a-
 d1699083b1b
 Date: 2018.08.27 09:20:12 -0400'

- COPIES:
 Contractor
 Project File
 District Maintenance Engineer - Original
 Cost Center Manager



THE SCHOOL DISTRICT
OF PALM BEACH COUNTY, FLORIDA

DARCI GARBACZ, C.P.M.
DIRECTOR

DONALD E. FENNOY II, ED.D.
SUPERINTENDENT

Construction Purchasing Department
3661 Interstate Park Rd. N., Second Floor
Riviera Beach, FL 33404
Phone: (561) 882-1954
www.palmbeachschools.org/purchasing/bids/construction

August 23, 2018

Mr. Chase R. Rogers
HINTERLAND GROUP, INC.
2051 W. Blue Heron Blvd.
Riviera Beach, FL 33404

Dear Mr. Rogers,

At the **August 15, 2018** School Board Meeting, the School Board of Palm Beach County approved **HINTERLAND GROUP, INC.**, as a Prequalified Vendor for the following classification(s): **CS/SD**, Bonding Capability/**\$15,000,000.00** for any single contract and **\$75,000,000.00** in the aggregate of outstanding contracts. This is the effective date of your Prequalification.

This approval is valid for one year, from **August 15, 2018 through August 14, 2019**. Should you choose to renew your Prequalification, you must to submit an Application for Renewal prior to the expiration date of your approval. This approval is not a guarantee that your firm will receive work. During this period, your firm is entitled to receive all Invitation to Bids issued by the District for construction projects requiring prequalified vendors in accordance with Board Policy 7.08. We encourage potential vendors to register online at www.BidSync.com to view, download and be notified of Current Project Advertisements.

You must notify this office in the event there is any change in the information submitted in your application. Failure to report these changes may result in your firm's approval being revoked. Further, your firm is subject to periodic performance evaluations, which could result in suspension or revocation of your approval status.

The District looks forward to your participation in future Invitation to Bid solicitations.

Sincerely,

A handwritten signature in black ink, appearing to read "Ian Superville".

Ian Superville, Purchasing Agent
Construction Purchasing Department

IS: mp



City of Clearwater

Engineering Department, Post Office Box 4748, Clearwater, Florida 33758-4748
Municipal Services Building, 100 South Myrtle Avenue, Ste. 220, Clearwater, Florida 33756
Telephone (727) 562-4750, Fax (727) 562-4755

July 26, 2018

Daniel Duke, III
President
Hinterland Group, Inc
992 W 15th St
Riviera Beach, FL 33404

Please accept this official notice that **Hinterland Group, Inc** has been approved to bid for City of Clearwater construction projects falling into the following parameters:

Approved Maximum Bid Limit: **\$5,000,000**

Prequalification Expiration: **March 28, 2021**

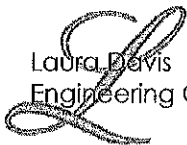
Approved Categories:

- **Electrical**
- **Excavation / Site Work**
- **Horizontal Directional Drilling - NEW**
- **Roadway & Parking Lot Construction**
- **Sanitary & Storm Sewers**
- **Sanitary Pump Stations**
- **Specialty Concrete Repair & Coating Work**
- **Stormwater Management Construction**
- **Wastewater & Water Treatment Facilities**
- **Water and Force Mains**
- **Well Construction - NEW**

This pre-qualification applies to standard types of construction projects. Projects requiring special expertise or unusually difficult construction categories may require separate pre-qualifications following bid advertisement.

City policy dictates that your financial statement documents not be copied or retained, so this item was deleted following the pre-qualification approval.

We appreciate your interest and look forward to receiving your bids on City of Clearwater projects.



Laura Davis
Engineering Construction Contracts Specialist

Doreen Caudell, Councilmember
Dr. Bob Cundiff, Councilmember

George N. Cretekos, Mayor



David Albritton, Councilmember
Hoyt Hamilton, Councilmember



Asset ID	Category	Type	Description	Status
543	VEHICLE	REEFER	2011 Kenworth T370	ACTIVE
542	VEHICLE	VAN	2007 CHEVY VAN	ACTIVE
541	VEHICLE	VAN	2011 GMC VAN	ACTIVE
540	VEHICLE	VAN	2007 Chevy van	ACTIVE
539	VEHICLE	VAN	2014 Dodge Caravan	ACTIVE
538	TRAILER	HAULER	Forest River Trailer	ACTIVE
536	PUMP	VACUUM OIL PUMP	3" Well point pump	ACTIVE
534	EQUIPMENT	ROLLER	Leeboy roller	ACTIVE
533	TRAILER	HAULER		ACTIVE
532	EQUIPMENT	COMPACTOR	COMPACTOR	ACTIVE
531	CREW EQUIPMENT	LIGHT TOWER	Light Tower	ACTIVE
530	TRAILER	HAULER	7X14 Spartan Trailer	ACTIVE
529	VEHICLE	CAR	2007 Volvo XC70	ACTIVE
528	TRAILER	CARGO	Cargo Trailer	ACTIVE
527	VEHICLE	FLAT BED	Flat bed	ACTIVE
526	TRAILER	CARGO	Cargo Trailer	ACTIVE
525	VEHICLE	VAN	TV Truck	ACTIVE
524	TRAILER	PUMP	Pump	ACTIVE
523	TRAILER	PUMP	Pump	ACTIVE
522	EQUIPMENT	PUMP	Pump	ACTIVE
521	TRAILER	PUMP	Pump	ACTIVE
520	TRAILER	PUMP	Pump	ACTIVE
519	EQUIPMENT	LOADER	Wheel Loader	ACTIVE
518	TRAILER	MIXER	Mixer	ACTIVE
517	TRAILER	GENERATOR	Generator	ACTIVE
516	TRAILER	LOW BOY	Lowboy	ACTIVE
515	VEHICLE	VAN	van	ACTIVE
514	TRAILER	PUMP	pump	ACTIVE
513	EQUIPMENT	PUMP	diaphragm pump	ACTIVE
512	EQUIPMENT	SKID STEER	Skid Steer	ACTIVE
511	TRAILER	SPRAY MATE COATING	Coating Trailer	ACTIVE
509	TRAILER	DUMP	DUMP TRAILER	ACTIVE
508	TRAILER	DUMP	DUMP TRAILER	ACTIVE

507	EQUIPMENT	LOADER	Loader	ACTIVE
506	EQUIPMENT	EXCAVATOR	Excavator	ACTIVE
505	TRAILER	CARGO	Cargo Trailer	ACTIVE
504	TRAILER	CARGO	Cargo Trailer	ACTIVE
503	TRAILER	CARGO	Cargo Trailer	ACTIVE
502	VEHICLE	FLAT BED		ACTIVE
501	VEHICLE	BOILER		ACTIVE
500	EQUIPMENT	ROLLER		ACTIVE
499	EQUIPMENT	ROLLER		ACTIVE
498	EQUIPMENT	COMPACTOR		ACTIVE
497	EQUIPMENT	COMPACTOR		ACTIVE
496	VEHICLE	FLAT BED		ACTIVE
495	VEHICLE	FLAT BED	CHEVY FLAT BED	ACTIVE
494	VEHICLE	FLAT BED	CHEVY FLAT BED	ACTIVE
493	VEHICLE	FLAT BED	CHEVY FLAT BED	ACTIVE
492	EQUIPMENT	LOADER		ACTIVE
491	EQUIPMENT	EXCAVATOR		ACTIVE
490	EQUIPMENT	LOADER		ACTIVE
489	EQUIPMENT	EXCAVATOR		ACTIVE
488	VEHICLE	CRANE	F-550	ACTIVE
487	VEHICLE	UTILITY	F-550	ACTIVE
486	VEHICLE	CRANE	F-350	ACTIVE
485	EQUIPMENT	EXCAVATOR	Excavator	ACTIVE
484	EQUIPMENT	EXCAVATOR	Excavator	ACTIVE
482	EQUIPMENT	SKID STEER	skid steer	ACTIVE
481	EQUIPMENT	COMPACTOR	Compactor	ACTIVE
480	EQUIPMENT	OFF ROAD CART	Off Road Cart	ACTIVE
479	EQUIPMENT	OFF ROAD CART	Off Road Cart	ACTIVE
478	TRAILER	MESSAGE BOARD	Trailer	ACTIVE
477	TRAILER	HAULER	Trailer	ACTIVE
476	TRAILER	HAULER	Trailer	ACTIVE
475	VEHICLE	REEFER	refrigerated truck	ACTIVE
474	EQUIPMENT	EXCAVATOR	excavator	ACTIVE
473	EQUIPMENT	SKID STEER	skid steer	ACTIVE
472	EQUIPMENT	EXCAVATOR	excavator	ACTIVE
471	EQUIPMENT	EXCAVATOR	excavator	ACTIVE
470	EQUIPMENT	FORKLIFT	DOOSAN	ACTIVE
469	EQUIPMENT	SKID STEER	skid steer	ACTIVE

468	EQUIPMENT	EXCAVATOR	excavator	ACTIVE
467	EQUIPMENT	MIXER		ACTIVE
466	VEHICLE	VAC		ACTIVE
465	VEHICLE	CRANE		ACTIVE
464	VEHICLE	PICKUP		ACTIVE
463	VEHICLE	PICKUP		ACTIVE
462	VEHICLE	PICKUP		ACTIVE
461	VEHICLE	PICKUP		ACTIVE
460	TRAILER	CARGO		ACTIVE
459	EQUIPMENT	SKID STEER	skid steer	ACTIVE
458	EQUIPMENT	COMPACTOR	compactor	ACTIVE
457	EQUIPMENT	COMPACTOR	compactor	ACTIVE
456	VEHICLE	TRUCK	Crew Cab	ACTIVE
455	EQUIPMENT	MAN LIFT	Man Lift	ACTIVE
454	EQUIPMENT	MAN LIFT	Man lift	ACTIVE
453	TRAILER	PUMP	Electric Bypass Pump	ACTIVE
452	TRAILER	ARROW BOARD	Arrow Board	ACTIVE
451	TRAILER	ARROW BOARD		ACTIVE
450	EQUIPMENT	FORKLIFT	YALE	ACTIVE
449	EQUIPMENT	FORKLIFT	Forklift	ACTIVE
448	EQUIPMENT	LOADER	Loader	ACTIVE
447	TRAILER	CARGO	cargo	ACTIVE
446	TRAILER	CARGO	cargo	ACTIVE
445	VEHICLE	PICKUP	Pickup	ACTIVE
444	EQUIPMENT	SAW	Street Saw	ACTIVE
443	EQUIPMENT	SAW	Street saw	ACTIVE
442	EQUIPMENT	SAW	Street saw	ACTIVE
441	EQUIPMENT	SAW	Street saw	ACTIVE
440	EQUIPMENT	TRACTOR	Tractor	ACTIVE
439	EQUIPMENT	TRACTOR	Tractor	ACTIVE
438	TRAILER	PUMP	pump	ACTIVE
437	TRAILER	HAULER	Trailer	ACTIVE
436	TRAILER	HAULER	Trailer	ACTIVE
435	VEHICLE	VAN	Vehicle	ACTIVE
434	EQUIPMENT	PUMP	Pump	ACTIVE
433	EQUIPMENT	PUMP	PUMP	ACTIVE
432	EQUIPMENT	PUMP	PUMP	ACTIVE
431	EQUIPMENT	PUMP	PUMP	ACTIVE

430	EQUIPMENT	COMPACTOR	COMPACTOR	Compactor	ACTIVE
429	EQUIPMENT	COMPRESSOR	COMPRESSOR	Air compressor	ACTIVE
423	EQUIPMENT	PUMP	PUMP		ACTIVE
422	TRAILER	CARGO	CARGO		ACTIVE
421	TRAILER	CARGO	CARGO		ACTIVE
420	EQUIPMENT	PUMP	PUMP	Dewater	ACTIVE
419	TRAILER	CARGO	CARGO	14' x 7'	ACTIVE
418	EQUIPMENT	COMPACTOR	COMPACTOR	Plate compactor	ACTIVE
417	EQUIPMENT	COMPACTOR	COMPACTOR	Asphalt	ACTIVE
416	EQUIPMENT	PUMP	PUMP		ACTIVE
415	VEHICLE	DUMP	DUMP	Tri axle	ACTIVE
414	EQUIPMENT	PUMP	PUMP		ACTIVE
413	EQUIPMENT	PUMP	PUMP		ACTIVE
412	TRAILER	TANKER	TANKER	Tanker	ACTIVE
411	EQUIPMENT	PUMP	PUMP		ACTIVE
410	EQUIPMENT	WELDER	WELDER	Welder	ACTIVE
409	TRAILER	CARGO	CARGO	Forest River	ACTIVE
408	EQUIPMENT	PUMP	PUMP	Hydraulic Pump	ACTIVE
407	EQUIPMENT	LIFT	LIFT	Scissor Lift	ACTIVE
406	EQUIPMENT	PUMP	PUMP	Elec Bypass Pump	ACTIVE
405	EQUIPMENT	LOADER	LOADER	Wheel Loader	ACTIVE
404	TRAILER	DUMP	DUMP	Dump Trailer	ACTIVE
403	TRAILER	CARGO	CARGO	Cutter Trailer	ACTIVE
402	EQUIPMENT	SKID STEER	SKID STEER	Skid Steer	ACTIVE
401	EQUIPMENT	BACKHOE	BACKHOE	Backhoe	ACTIVE
400	EQUIPMENT	EXCAVATOR	EXCAVATOR	Hydraulic Excavator	ACTIVE
399	EQUIPMENT	SPRAY	SPRAY	Epoxy Spray Rig	ACTIVE
398	EQUIPMENT	EXCAVATOR	EXCAVATOR	Excavator	ACTIVE
397	EQUIPMENT	GENERATOR	GENERATOR	25KW Generator	ACTIVE
396	EQUIPMENT	GENERATOR	GENERATOR	80KW Generator	ACTIVE
395	EQUIPMENT	GENERATOR	GENERATOR	80KW Generator	ACTIVE
390	EQUIPMENT	SURVEYING	SURVEYING	Surveying Equipment	ACTIVE
389	EQUIPMENT	LIGHTING	LIGHTING	Portable Light Trailer	ACTIVE
388	EQUIPMENT	EXCAVATOR	EXCAVATOR	Hydraulic Excavator	ACTIVE
385	TRAILER	REEFER	REEFER	Reefer Trailer 53'	ACTIVE
384	EQUIPMENT	EXCAVATOR	EXCAVATOR	Compact Excavator	ACTIVE
383	VEHICLE	VAC	VAC	Vactor Truck	ACTIVE
382	TRAILER	LOW BOY	LOW BOY	Low Boy	ACTIVE

380	VEHICLE	TANDEM	International Truck	ACTIVE
379	VEHICLE	BUCKET	GMC Truck	ACTIVE
378	VEHICLE	FLAT BED	GMC Truck	ACTIVE
377	VEHICLE	PICKUP	Chevy Truck	ACTIVE
376	VEHICLE	FLAT BED	GMC Truck	ACTIVE
375	VEHICLE	PICKUP	GMC Pickup Truck	ACTIVE
374	EQUIPMENT	WETOUT	Wetout Assembly Equipment	ACTIVE
373	EQUIPMENT	ATTACHMENT	Telescopic Dipper	ACTIVE
372	EQUIPMENT	WETOUT	Resin Tank w/ Conveyor	ACTIVE
371	EQUIPMENT	SURVEYING	Pipe Laser	ACTIVE
370	EQUIPMENT	CIPP	Cues Truck 2	ACTIVE
369	EQUIPMENT	CIPP	Cues Truck 1	ACTIVE
368	EQUIPMENT	ATTACHMENT	Clam Shell Bucket	ACTIVE
367	EQUIPMENT	COMPUTER	CIPP Computers	ACTIVE
366	EQUIPMENT	TANKER	300 Gallon Spray Rig Attachment	ACTIVE
365	EQUIPMENT	PERSONAL	Boat Engine	ACTIVE
364	EQUIPMENT	PERSONAL	Jet Ski	ACTIVE
363	EQUIPMENT	PERSONAL	Jet Ski	ACTIVE
362	EQUIPMENT	PERSONAL	Jet Ski	ACTIVE
361	EQUIPMENT	GRADER	Volvo Motor Grader	ACTIVE
360	TRAILER	REEFER	Reefer Trailer 55'	ACTIVE
359	TRAILER	CARGO	Look Trailer	ACTIVE
358	EQUIPMENT	FORKLIFT	Toyota Forklift	ACTIVE
357	TRAILER	HAULER	Tilt Trailer	ACTIVE
356	EQUIPMENT	PUMP	Thompson Pump	ACTIVE
355	EQUIPMENT	PUMP	Thompson Pump	ACTIVE
354	EQUIPMENT	PUMP	Thompson Pump	ACTIVE
353	EQUIPMENT	PUMP	Thompson High Pressure Pump	ACTIVE
352	EQUIPMENT	PUMP	Thompson 6' Vacuum Assisted Pump	ACTIVE
351	EQUIPMENT	PUMP	Thompson 6' Vacuum Assisted Pump	ACTIVE
350	EQUIPMENT	PUMP	Thompson 6' Vacuum Assisted Pump	ACTIVE
349	EQUIPMENT	PUMP	Thompson 6' Vacuum Assisted Pump	ACTIVE
348	EQUIPMENT	PUMP	Thompson 6' Vacuum Assisted Pump	ACTIVE
347	EQUIPMENT	PUMP	Thompson 6' Trailer Mounted Pump	ACTIVE
346	EQUIPMENT	PUMP	Thompson 6' Bypass Pump	ACTIVE
344	EQUIPMENT	PUMP	Thompson 4' Mounted Pump	ACTIVE
343	EQUIPMENT	PUMP	Thompson 12' Wellpoint Pump	ACTIVE
342	EQUIPMENT	PUMP	Thompson 12' Wellpoint Pump	ACTIVE

341	TRAILER	HAULER	Thomas Trailer	ACTIVE
340	EQUIPMENT	PUMP	Auto Dialer Pump	ACTIVE
339	EQUIPMENT	COMPRESSOR	Compressor w/ Trailer	ACTIVE
338	VEHICLE	VAC	Sterling Vac Truck	ACTIVE
337	VEHICLE	VAC	Sterling Truck	ACTIVE
336	VEHICLE	CRANE	Sterling Crane Truck	ACTIVE
335	TRAILER	CARGO	Space Coast Trailer	ACTIVE
334	EQUIPMENT	BOAT	Ever	ACTIVE
333	EQUIPMENT	MIXER	Rex Duiwi-Mixer	ACTIVE
332	VEHICLE	FLAT BED	Crane Flatbed	ACTIVE
331	EQUIPMENT	EXCAVATOR	Walking Excavator	ACTIVE
330	TRAILER	CARGO	Look Enclosed Trailer	ACTIVE
329	TRAILER	CARGO	Look Enclosed Trailer	ACTIVE
328	TRAILER	CARGO	Lark Trailer	ACTIVE
327	EQUIPMENT	EXCAVATOR	Komatsu Hydraulic Excavator	ACTIVE
326	EQUIPMENT	EXCAVATOR	Komatsu Hydraulic Excavator	ACTIVE
325	EQUIPMENT	EXCAVATOR	Komatsu Hydraulic Excavator	ACTIVE
324	EQUIPMENT	BLASTER	KMT Aqua Blaster	ACTIVE
323	VEHICLE	VAC	Kenworth Vac Truck	ACTIVE
322	VEHICLE	BOILER	Kenworth Boiler Truck	ACTIVE
321	VEHICLE	DUMP	Kenworth Dump Truck	ACTIVE
320	TRAILER	ASPHALT	Keizer Morris Trailer w/ Asphalt Hot Box	ACTIVE
319	EQUIPMENT	LOADER	John Deere Wheel Loader	ACTIVE
318	EQUIPMENT	LOADER	John Deere Wheel Loader	ACTIVE
317	EQUIPMENT	SKID STEER	John Deere Skid Steer	ACTIVE
316	EQUIPMENT	MOWER	John Deere Riding Mower	ACTIVE
315	EQUIPMENT	MOWER	John Deere Mower Attachment	ACTIVE
314	EQUIPMENT	EXCAVATOR	John Deere Excavator	ACTIVE
313	EQUIPMENT	SKID STEER	John Deere Compact Track Loader	ACTIVE
312	EQUIPMENT	SKID STEER	John Deere Compact Track Loader	ACTIVE
310	EQUIPMENT	EXCAVATOR	John Deere Compact Excavator	ACTIVE
308	EQUIPMENT	ATTACHMENT	John Deere Bucket	ACTIVE
307	EQUIPMENT	ROLLER	Bomag Roller	ACTIVE
306	EQUIPMENT	MOWER	John Deere Mower	ACTIVE
305	TRAILER	HAULER	Interstate Trailer	ACTIVE
304	TRAILER	HAULER	Grey Trailer	ACTIVE
303	VEHICLE	VAC	International Vac Truck	ACTIVE
302	VEHICLE	VAC	International Vac Truck	ACTIVE

301	VEHICLE	VAC	International Vac Truck	ACTIVE
300	VEHICLE	VAC	International Vac Truck	ACTIVE
298	VEHICLE	BLASTER	International Sand Blaster Truck	ACTIVE
297	VEHICLE	REEFER	International Truck	ACTIVE
296	VEHICLE	REEFER	International Truck	ACTIVE
295	VEHICLE	REEFER	International Reefer Truck	ACTIVE
292	VEHICLE	BOX	International Box Truck	ACTIVE
291	VEHICLE	DUMP	Flat Bed Dump Truck	ACTIVE
290	VEHICLE	DUMP	Flat Bed Dump Truck	ACTIVE
289	EQUIPMENT	COMPRESSOR	Ingersoll Rand Mounted Compressor	ACTIVE
288	EQUIPMENT	COMPRESSOR	Ingersoll Rand Air Compressor	ACTIVE
287	VEHICLE	BOX	International Chassis	ACTIVE
286	VEHICLE	UTILITY	Horton Truck Crane	ACTIVE
285	EQUIPMENT	BLASTER	Power Washer Trailer	ACTIVE
284	TRAILER	HAULER	Homemade Trailer	ACTIVE
283	EQUIPMENT	GENERATOR	HESC Generator	ACTIVE
282	EQUIPMENT	GENERATOR	HESC Generator	ACTIVE
281	TRAILER	HAULER	Hardee Built Trailer	ACTIVE
280	EQUIPMENT	PUMP	Gorman Pump	ACTIVE
279	VEHICLE	VAN	GMC Van	ACTIVE
278	VEHICLE	VAN	GMC Van	ACTIVE
277	VEHICLE	UTILITY	GMC Truck w/ Crane	ACTIVE
276	VEHICLE	FLAT BED	GMC Truck	ACTIVE
275	VEHICLE	FLAT BED	GMC Truck	ACTIVE
274	VEHICLE	PICKUP	GMC Truck	ACTIVE
272	VEHICLE	VAN	GMC Truck	ACTIVE
271	VEHICLE	UTILITY	GMC Service Truck	ACTIVE
270	VEHICLE	FLAT BED	GMC Pickup Truck	ACTIVE
269	VEHICLE	PICKUP	GMC Pickup Truck	ACTIVE
268	VEHICLE	PICKUP	GMC Pickup Truck	ACTIVE
264	VEHICLE	PICKUP	GMC Pickup Truck	ACTIVE
262	VEHICLE	PICKUP	GMC Pickup Truck	ACTIVE
260	VEHICLE	VAN	GMC Cargo Van	ACTIVE
259	EQUIPMENT	LIFT	Genie Personal Lift	ACTIVE
258	TRAILER	CARGO	FRRV Trailer	ACTIVE
257	VEHICLE	TANDEM	Freightliner	ACTIVE
256	VEHICLE	BOX	Freightliner	ACTIVE
255	VEHICLE	TANKER	Freightliner	ACTIVE

254	VEHICLE	TANKER	Freightliner	ACTIVE
253	VEHICLE	TANKER	Freightliner	ACTIVE
250	VEHICLE	UTILITY	Ford Truck	ACTIVE
249	VEHICLE	UTILITY	Ford Truck	ACTIVE
248	VEHICLE	PICKUP	Ford Truck	ACTIVE
245	VEHICLE	UTILITY	Ford Truck	ACTIVE
242	VEHICLE	PICKUP	Ford Pickup Truck	ACTIVE
241	VEHICLE	CAR	Ford Fusion	ACTIVE
239	VEHICLE	BOILER	Ford Tandem	ACTIVE
238	EQUIPMENT	ATTACHMENT	FFC Tree Boom	ACTIVE
237	TRAILER	OFFICE	Dutchman Trailer	ACTIVE
236	TRAILER	HAULER	Draggin Trailer	ACTIVE
235	EQUIPMENT	FORKLIFT	DOOSAN	ACTIVE
234	VEHICLE	VAN	Dodge Van	ACTIVE
233	VEHICLE	UTILITY	Dodge Truck	ACTIVE
232	TRAILER	HAULER	Crosley Trailer	ACTIVE
231	TRAILER	HAULER	Crosley Trailer	ACTIVE
230	TRAILER	HAULER	Crosley Dual Axle Trailer	ACTIVE
229	TRAILER	PERSONAL	Jet Ski Trailer	ACTIVE
228	EQUIPMENT	FORKLIFT	Clark Forklift	ACTIVE
226	VEHICLE	PICKUP	Chewy Truck	ACTIVE
222	VEHICLE	FLAT BED	Chewy Pickup Truck	ACTIVE
219	TRAILER	HAULER	Center Trailer	ACTIVE
218	EQUIPMENT	EXCAVATOR	Caterpillar Mini Excavator	ACTIVE
217	EQUIPMENT	LULL	Caterpillar Forklift	ACTIVE
216	EQUIPMENT	EXCAVATOR	Caterpillar Excavator	ACTIVE
215	EQUIPMENT	EXCAVATOR	Caterpillar Excavator 328D	ACTIVE
214	EQUIPMENT	SKID STEER	Track Skid Loader	ACTIVE
213	EQUIPMENT	TERRAIN	Golf Cart	ACTIVE
211	EQUIPMENT	COMPACTOR	Bomag Reversible Plate Tamper	ACTIVE
210	EQUIPMENT	COMPACTOR	Bomag Reversible Plate Tamper	ACTIVE
209	EQUIPMENT	SKID STEER	Bobcat Skid Steer Loader	ACTIVE
208	EQUIPMENT	EXCAVATOR	Bobcat Mini Excavator	ACTIVE
207	EQUIPMENT	EXCAVATOR	Bobcat Compact Excavator	ACTIVE
206	TRAILER	HAULER	Blastoff Trailer	ACTIVE
205	TRAILER	HAULER	Better Built Trailer	ACTIVE
204	EQUIPMENT	ASPHALT	John Deere Asphalt Zipper on Trailer	ACTIVE
203	TRAILER	HAULER	Sand Blaster	ACTIVE

HQ Jahr	Job Name	Scope of Work	Municipality	Municipality Project Number	Municipality Phone	Municipality Email	Municipality Address	Engineer	Engineering Phone	Engineering Email	Engineering Address	Original Contract Amount
17-0113-01	LF 8220 Gravity Sewer Pipe	To install specialized lift liner to fix the existing 20" casing prior to replacing the existing 8" gravity sewer main	Palm Beach County		(561) 493-6247	palbe@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Pollopp Phornpradonwiboon	(561) 493-6247	pollopp@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 99,715.53
17-0113-02	Wellfield System 9	Rehabilitation of gravity sewer line segments to lift station networks and various terminal manholes to wet well segments, including inspections and applicable regulatory requirements	Palm Beach County		(561) 493-6247	palbe@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Pollopp Phornpradonwiboon	(561) 493-6247	pollopp@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 1,890,569.37
17-0113-03	Lift Station 244 Gravity Sewer Rehab Project	Rehabilitation of gravity sewer line segments in the following lift station networks	Palm Beach County		(561) 493-6247	palbe@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Pollopp Phornpradonwiboon	(561) 493-6247	pollopp@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 20,563.22
17-0113-04	LF 1018 and 931	Lift station dry out operations	Palm Beach County		(561) 493-6247	palbe@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Pollopp Phornpradonwiboon	(561) 493-6247	pollopp@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 391,700.00
17-0113-05	Overfield Rehab Lift Station	Lift station dry out operations	City of Deerfield Beach	Fred Scott	(954) 488-4418	fred.scott@cityofdeerfieldbeach.com	130 NE 2nd Ave, Deerfield Beach, FL 33442	Fred Scott	(954) 488-4418	fred.scott@cityofdeerfieldbeach.com	130 NE 2nd Ave, Deerfield Beach, FL 33442	\$ 463,320.00
17-0113-06	Lift Station 5-03 Replacement	The Contractor shall furnish all labor, materials, equipment, machinery, tools, apparatus, and transportation and perform all of the work shown within the drawings and specifications	Broward County	Owen Callard	(954) 617-7980	owen.callard@browardwater.com	2725 Judge Fran Jamison Way, Viera, FL 32940	Owen Callard	(954) 617-7980	owen.callard@browardwater.com	2725 Judge Fran Jamison Way, Viera, FL 32940	\$ 59,574.00
17-0113-07	Lift Station 41 Upgrade	Individuals required and install, put into operation, and field test the diesel engine driven generator units and accessories as shown	City of Winter Garden	Jim Mahanah	(407) 856-4111	mahana@cityofwintergarden.com	300 WEST PLANT STREET, WINTER GARDEN, FLORIDA 34727	Wadeon Huggan	(407) 856-4111	wadeon.huggan@cityofwintergarden.com	3700 N Washington Ave, Winter Garden, FL 32789	\$ 463,320.00
17-0133-00	Pence Verica Sanitary Sewer 6th	Rehabilitate lift station sanitary sewers manholes	Board of County Commissioners St. Johns County, Florida	James Overton	(904) 309-0150	overton@stjohns.com	500 Sea Substation View St. Augustine, FL 32084	James Overton	(904) 309-0150	overton@stjohns.com	500 Sea Substation View St. Augustine, FL 32084	\$ 360,574.00
14-0145-01	34th Blvd Water and Force Main Replacement	Rehabilitate water and force main piping under Dr. March Luther King Jr Blvd using directional drilling methods and tying back in to the existing main on either side of the road	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 324,756.49
14-0145-02	Colony Water Main Extension South	Emergency repair of 8" water main	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 113,277.25
14-0145-03	Grease and Water Main	Furnish and install all materials for 22" water main extension on Cedar Blvd from E Sutherland Rd. to Dues Rd.	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 792,000.00
14-0145-04	Emergency Repair at E 1st Street	Emergency repair of 8" water main	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 88,716.49
14-0145-05	Millinery Trail Approaches to W. W. Way	Furnish and install all materials necessary to complete the 8th Water Main Replacement	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 108,234.78
17-0145-06	Priority Aerial Canal Crossing	(4) aerial canal crossing to be rehabilitated include: 3 crossings, 12" water main and 20" wastewater force main L34, 2 crossings, 8" water main and 10" wastewater force main L10, 2 crossings, 1.6 and 1 crossing, L1	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 705,210.20
17-0145-07	Belle Glade Water Sys Zone 1	Furnish and install all materials necessary to complete the Water Service Replacements at 4th, 8th and 9th Streets in Belle Glades	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 1,890,257.29
17-0145-08	Water Main Improvements 5th & North Congress Ave and 12 Canal	Installation of approximately 230' of 24" water main	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 51,593.10
17-0145-09	Panacea P&L Airport & P&L Highway	Furnish and install all materials necessary to complete the 8th Replacement at P&L Airport & P&L Highway Dr. R1 Replacement	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 88,716.40
17-0145-10	Lift Station 48105	Constructing approx. 350'-linear feet of 6" poly vinyl chloride (PVC) force main from lift station 2105	Palm Beach County	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tancredi	(561) 493-6000	tancredi@palmbeachwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 143,976.17
17-0146-00	Lift Station C18 Rehab	Lift station improvements	Broward County	Owen Callard	(954) 617-7980	owen.callard@browardwater.com	2725 Judge Fran Jamison Way, Viera, FL 32940	Owen Callard	(954) 617-7980	owen.callard@browardwater.com	2725 Judge Fran Jamison Way, Viera, FL 32940	\$ 269,450.00
17-0146-01	Lift Station 7 & 8 Improvement	Lift station improvements	City of Deerwater	Jeff Walker	(727) 562-4627	jeff.walker@cityofdeerwater.com	300 S Myrtle Ave, Deerwater, FL 33926	Jeff Walker	(727) 562-4627	jeff.walker@cityofdeerwater.com	300 S Myrtle Ave, Deerwater, FL 33926	\$ 4,094,030.00
17-0150-00	Water Pump Station Rehab	Rehabilitation of city's master pump station	City of Deerwater	Danny Williams	(850) 949-1484	danny.williams@cityofdeerwater.com	211 W Ventura Ave, Deerwater, FL 33940	Danny Williams	(850) 949-1484	danny.williams@cityofdeerwater.com	211 W Ventura Ave, Deerwater, FL 33940	\$ 762,000.00
17-0155-00	Lift Station 7-15 Rehab	Lift station improvements	Broward County	Owen Callard	(954) 617-7980	owen.callard@browardwater.com	2725 Judge Fran Jamison Way, Viera, FL 32940	Owen Callard	(954) 617-7980	owen.callard@browardwater.com	2725 Judge Fran Jamison Way, Viera, FL 32940	\$ 348,463.00
17-0154-00	Lift Station 5-05 Rehab	Install of new mechanical equipment, piping and apparatuses	Broward County	Owen Callard	(954) 617-7980	owen.callard@browardwater.com	2725 Judge Fran Jamison Way, Viera, FL 32940	Owen Callard	(954) 617-7980	owen.callard@browardwater.com	2725 Judge Fran Jamison Way, Viera, FL 32940	\$ 467,200.00
17-0155-00	Master's Generator Rehab	Installation of generator at the master lift station	City of Atlanta	Owen Callard	(854) 965-2744	owen.callard@atlantawater.com	260 Orange Tree Dr, Atlanta, FL 33462	Owen Callard	(854) 965-2744	owen.callard@atlantawater.com	260 Orange Tree Dr, Atlanta, FL 33462	\$ 57,000.00
17-0157-01	Lift Station 81-83 Lift Station Improvements & LS 82 Electrical Improvements	Upgrade of all lift station equipment, including piping and electrical to determine if line able, replacement of 10" piping if it cannot be lined	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wplmbeach.com	401 Clements St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wplmbeach.com	401 Clements St., 4th Floor, West Palm Beach, FL 33401	\$ 251,070.00
17-0159-02	Safety Gates	Install safety gates at lift station throughout entire city	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wplmbeach.com	401 Clements St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wplmbeach.com	401 Clements St., 4th Floor, West Palm Beach, FL 33401	\$ 171,130.93

17-0157-05	Lift Station #2 Palm Beach Lake Blvd 3rd Floor Palm Beach	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 224,670.00
17-0157-06	Lift Station #3 Rehab	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 277,442.00
17-0157-07	Dry Can Ladder Rehabilitation/Replacement	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 27,590.00
17-0157-08	Lift Station 5 Rehabilitation and Fitters	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 21,251.00
17-0157-09	WO 197 - Lift Station 24 Rehab	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 59,336.00
17-0157-10	Lift Station 92 Rehabilitation	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 47,265.00
17-0157-11	Storm Pump Station - WPPSS	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 49,475.00
17-0157-12	WO 410 - L5 Rehab	City of West Palm Beach	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jay.kwag@wpbc.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 59,444.00
17-0157-13	WO #1 Woodlake	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 31,857.74
17-0157-14	WO #2 Grandville	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 102,432.49
17-0157-15	Mellieva & Kirk Road	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 198,000.00
17-0157-16	WO 210 Wainwright Hills	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 90,049.63
17-0157-17	WO 212 Aladdin	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 75,200.00
17-0157-18	WO 213 Kirk storm part	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 102,459.32
17-0157-19	WO 215 Lora Forward Hill	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 35,540.00
17-0157-20	WO 417 Lone Pine	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 50,461.06
17-0157-21	WO 418 Florida Blvd	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 51,250.00
17-0157-22	WO 419 Riverside	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 58,950.00
17-0157-23	Riviera	Palm Beach County	Mark Kroeger	(561) 822-2100	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 238-3962	mark.kroeger@pbc.net	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 59,500.00
17-0157-24	WO 500A 827 - 881 Replacement	City of Cooper City	Steve Blanchard	(954) 424-4300	blanchard@cooper-city.com	5000 SW 30th Place, Cooper City, FL 33328	Steve Blanchard	(954) 424-4300	blanchard@cooper-city.com	1005 Ridgewood Cooper City, FL 33328	\$ 59,500.00
17-0157-25	Lift Station #1 Rehabilitation	City of Holly Hill	Walt Smeyer	(888) 490-1249	walt.smeyer@hollyhill.com	4425 East Port Pkwy, Port Orange, FL 32127	Robert Bought	(888) 490-1249	robert.bought@hollyhill.com	1005 Ridgewood Avenue, Holly Hill, FL 32117	\$ 510,000.00
17-0157-26	Lift Station 7, 17WV07	City of Holly Hill	Walt Smeyer	(888) 490-1249	walt.smeyer@hollyhill.com	4425 East Port Pkwy, Port Orange, FL 32127	Robert Bought	(888) 490-1249	robert.bought@hollyhill.com	1005 Ridgewood Avenue, Holly Hill, FL 32117	\$ 299,000.00
17-0157-27	Lift Station 225-225-232-144	City of Jumbo	Jimsheng Huo	(954) 888-0049	jhuo@jumbocity.com	1550 Shoguns Corporate Parkway, Ste 240, Sunrise, FL 33329	Jimsheng Huo	(954) 888-0049	jhuo@jumbocity.com	1550 Shoguns Corporate Parkway, Ste 240, Sunrise, FL 33329	\$ 2,395,880.00

17-0020-35	WO#951 18956 Trails End Turn-wh	Remove and replace approximately 50 LF approx. of CMP with 18" ADS	Palm Beach County	Mark Krueger	(561) 619-6800	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Krueger	(561) 233-3962	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 30,950.00
17-0020-36	WO#94 16832 Trails End Turn-3	Remove and replace approximately 50 LF approx. of CMP with 18" ADS	Palm Beach County	Mark Krueger	(561) 615-6800	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Krueger	(561) 233-3962	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 37,650.00
17-0020-37	WO#97 9981 Wood Lake Road	Drainage Repairs	Palm Beach County	Mark Krueger	(561) 615-6800	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Krueger	(561) 233-3962	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 67,950.00
17-0020-38	WO#93 19550 Red Maple Rd	Remove and replace approximately 40 LF approx. of CMP with 18" ADS	Palm Beach County	Mark Krueger	(561) 615-6800	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Krueger	(561) 233-3962	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 22,975.00
17-0020-42	9633 Woodlake Rd	Remove and replace approximately 40 LF approx. of CMP with 18" ADS	Palm Beach County	Mark Krueger	(561) 615-6800	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Krueger	(561) 233-3962	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 38,950.00
17-0020-43	9318 Woodlake Rd	Remove and replace approximately 40 LF approx. of CMP with 18" ADS, remove and replace approx. 1,200 SF concrete driveway and restoration of drainage improvements at Hypoluxo Rd and Lawrence Rd SW corner.	Palm Beach County	Mark Krueger	(561) 615-6800	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Krueger	(561) 233-3962	markkrueger@pbcgov.org	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 40,950.00
17-0020-45	Lawrence Rd 65' and 24" U/B Station Rehab - Proj	Rehabilitation of 28 lift stations	Palm Beach County	Mark Krueger	(561) 619-6800	markkrueger@pbcgov.org	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tamcredi	(888) 485-6000	jtamcredi@pbcgov.org	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 115,400.00
17-0020-40	Lift Station T-04 Rehab	Rehabilitating existing submersible lift station including a new valve box, lift to site existing force main, new control panel, new telemetry cover, site grading, new access driveway	WPD	Joseph Tamcredi	(888) 485-6000	jtamcredi@pbcgov.org	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tamcredi	(888) 485-6000	jtamcredi@pbcgov.org	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 4,115,000.00
17-0020-00	Palm Beach Lakes Blvd Sewer Lining	The Services and materials to be provided under this Work Order consist of cleaning, CCTV and C.I.P.P. lining of	Broward County	Owen Colliard	(352) 993-0089	owencolliard@broward.gov	2725 Judge Pae-Jamison Way, Vero, FL 32940	Owen Colliard	(823) 993-2089	owencolliard@broward.gov	Jamieson Way, Vero, FL 32940	\$ 213,200.00
17-0020-01	Rosemary Ave Large Dia. Storm Pipe Lining	Replacement of all flow during sanitary sewer pipe repair, cleaning/lining of approximately 2000 LF of 30" sanitary sewer piping	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 50,275.00
17-0020-02	Shenandoah Emergency CIP	Replace of all low during sanitary sewer pipe repair, cleaning/lining of approximately 2000 LF of 30" sanitary and sewer piping	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 131,475.00
17-0020-03	Campus & Austin	Substituting of approximately 600 LF of 8" and 504 LF of 36" Sanitary Sewer Piping	City of West Palm Beach	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 280,285.00
17-0020-04	Spurce Avenue-WO# 04	Cleaning/Lining of approximately 4079 LF of 18" 36" Storm Sewer Piping	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 240,482.00
17-0020-05	Anita S. Grandison & Park W/O# 05	Cleaning/CCTV of approximately 2,468 LF of 24" 30" CIP of approximately 2,468 LF of Sanitary Sewer Piping	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 56,044.25
17-0020-07	Sanitary Sewer Storm Piping	Cleaning/CCTV of approximately 435 LF of 18" 36" CIP approximately 436 LF of storm sewer piping	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 36,520.00
17-0020-08	Strud W/O# 08	Install new sanitary cleat-out, two manholes, 62 LF of 8" PVC piping and relocate water lines as needed	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 49,960.00
17-0020-01	Guinea Park Sanitary Sewer & Water	Installation of lift station equipment on 24" FN, installation of trapping sumps and valves on the 24" main for pipe diver insertion.	City of West Palm Beach	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 183,842.15
17-0020-02	RCP Force Main Assessment	Repair of force main	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 72,206.62
17-0020-03	20-arch W/O# 03	Replacement of 60 LF of 24" PVC pipe	City of West Palm Beach	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 111,054.00
17-0020-04	Palm Beach Lakes Force Main - Emergency	Replacement of 60 LF of 24" PVC pipe	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 161,250.00
17-0020-05	Shenandoah Emergency Gravity Sewer Repair	Replacement of 60 LF of 24" PVC pipe	City of West Palm Beach	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 273,450.00
17-0020-06	Executive Drive Outfall Repair	Replacement of 60 LF of 24" PVC pipe	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 350,818.00
17-0020-07	18th St Storm Water Drainage Replacement	Removal of existing VCP Pipe, installation of new RCP pipe, installation of 3.5' deep manhole manholes, installation of 4 8.5' deep storm water sub-liners	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 259,270.00
17-0020-08	18th St Water Main	Removal and replacement of approximately 40 LF of 8" water main, including all fittings and all necessary connectors	City of West Palm Beach	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Daniel Robarge	(561) 822-2100	drobarge@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 5,000,951.50
17-0020-09	Advanced Stormwater Repairs	Replacement of storm sewer pipe	City of West Palm Beach	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	jkwag@pbcgov.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	\$ 259,270.00
17-0020-00	Century Village and Westgate	Inspection and rehabilitation of approximately 77,000 linear feet of gravity sewer lines and 425 manholes. Gravity sewer system includes lift stations 34-352, 304, 324, 324-54. Segments of gravity sewer from terminal manholes to wet well to be lined.	Palm Beach County	Phillip Phienprownwithien	(561) 499-6123	phienprownwithien@pbcgov.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Phillip Phienprownwithien	(561) 499-6123	phienprownwithien@pbcgov.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 5,000,951.50

17-0238-00	City County CIP Services	CIP services for 165 LF of existing 36" RCP	City County	Stephen E. Koters	904-269-6801	Stephan.Koters@citycountypa.com	477 Houston Street, Green Cove Springs, FL 32043	Stephan E. Koters	904-269-6801	Stephan.Koters@citycountypa.com	477 Houston Street, Green Cove Springs, FL 32043	\$ 154,950.00
17-0238-01	Asphalt Manor	CIP services for 165 LF of existing 36" RCP	City County	Stephen E. Koters	904-269-6801	Stephan.Koters@citycountypa.com	477 Houston Street, Green Cove Springs, FL 32043	Stephen E. Koters	904-269-6801	Stephan.Koters@citycountypa.com	477 Houston Street, Green Cove Springs, FL 32043	\$ 24,960.00
17-0238-02	CR 218 Middleburg	CIP services for 165 LF of existing 36" RCP	City County	Stephen E. Koters	904-269-6801	Stephan.Koters@citycountypa.com	477 Houston Street, Green Cove Springs, FL 32043	Stephen E. Koters	904-269-6801	Stephan.Koters@citycountypa.com	477 Houston Street, Green Cove Springs, FL 32043	\$ 47,950.00
17-0234-00	Sanitary Sewer & Manholes	Repair or rework-in-place (RIP) lifts of sections of gravity sewer pipes and rehabilitation of five bridges and water mains	City of Clearwater	Rosa Lara	(727) 224-7062	rosalara@clearwater.com	100 S Myrtle Ave, Clearwater, FL 33726	Rosa Lara	(727) 224-7062	rosalara@clearwater.com	100 S Myrtle Ave, Clearwater, FL 33726	\$ 2,665,500.00
17-0235-00	Palm Beach County	Inspection of gravity main lines and manholes. Rehabilitation of 29,971 LF of gravity main lines. Post inspection reports for all rehabilitated assets	Palm Beach County	Duane Felumbo	(561) 499-6000	dfelumbo@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Duane Felumbo	(561) 499-6000	dfelumbo@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 1,195,000.00
17-0237-00	Electrical Services As Needed	provide Electrical Services and Installation, on an as needed	Palm Beach County	Pellap Phompravitwong	(561) 499-6746	pellap@pbwater.com	50 South Military Trail, Suite 310, West Palm Beach, FL 33415	Pellap Phompravitwong	(561) 499-6746	pellap@pbwater.com	50 South Military Trail, Suite 310, West Palm Beach, FL 33415	\$ 1,400,000.00
17-0238-00	US 27 Sabal	Side Drain Ditching	Florida Department of Transportation	Wayne Harris	(888) 519-2352	Wayne.Harris@fdot.state.fl.us	N Franklin Street Suite 1400, Tampa, FL 33602	Wayne Harris	(888) 519-2352	Wayne.Harris@fdot.state.fl.us	N Franklin Street Suite 1400, Tampa, FL 33602	\$ 97,800.00
17-0238-01	W432-ND - NW205B	Side Drain Ditching	Florida Department of Transportation	Wayne Harris	(888) 519-2352	Wayne.Harris@fdot.state.fl.us	N Franklin Street Suite 1400, Tampa, FL 33602	Wayne Harris	(888) 519-2352	Wayne.Harris@fdot.state.fl.us	N Franklin Street Suite 1400, Tampa, FL 33602	\$ 54,432.20
17-0241-00	W432-ND - NW205B	Remove and dispose of materials and or blockage inside of a pipe, box culvert or other part of the storm drainage system to provide maximum drainage capacity of the downstream storm water system	Florida Department of Transportation	Mavis Veldre	(954) 777-4084	mveldre@fdot.state.fl.us	9400 W Commercial Blvd, Fort Lauderdale, FL 33309	Mavis Veldre	(954) 777-4084	mveldre@fdot.state.fl.us	9400 W Commercial Blvd, Fort Lauderdale, FL 33309	\$ 330,000.00
17-0244-01	W432-ND - NW205B	Rehabilitation of Lift Station	Palm Beach County	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 1,170,795.39
17-0244-02	W432-ND - NW205B	Rehabilitation of Lift Station	Palm Beach County	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 3,540,661.06
17-0244-03	W432-ND - NW205B	Electrical Improvements	Palm Beach County	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 149,140.00
17-0244-04	W432-ND - NW205B	Lift Station Rehabilitation	Palm Beach County	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 4,503,800.00
17-0244-05	W432-ND - NW205B	Continuing Construction Contract (Priority 14)	Palm Beach County	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 1,779,954.40
17-0244-06	W432-ND - NW205B	Demolition, flush and grouting of existing pipe up to 8' main (removal of traffic, record drawings and reconstruction video	Palm Beach County	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 8,382.19
17-0244-07	W432-ND - NW205B	Replacement of approximately 215 LF of 8" lined pipe with new 8" PVC pipe, from manhole 13 - 14	Palm Beach County	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 62,666.00
17-0244-08	W432-ND - NW205B	Modifications of piping within existing vaults	Palm Beach County	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 78,107.00
17-0244-09	W432-ND - NW205B	Electrical Improvements and Installation of an automatic transfer switch	Palm Beach County	Vince Ricobono	(561) 499-6000	vricono@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Vince Ricobono	(561) 499-6000	vricono@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 97,997.75
17-0244-10	W432-ND - NW205B	Improvements to LS 204E, include valves with demolition, new piping and valves, new pump, control panel and appurtenances, along with site restoration and flow testing	Palm Beach County	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Andre McBarnie	(561) 499-6000	amcbarne@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 243,713.45
17-0244-11	W432-ND - NW205B	Installation of approximately 270 LF of 8" PVC gravity sewer and 2 manholes	Palm Beach County	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 75,761.35
17-0244-12	W432-ND - NW205B	Replacement of approximately 250 LF of 8" pipe with PVC gravity sewer piping	Palm Beach County	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 218,603.15
17-0244-13	W432-ND - NW205B	Installation of three new manholes and reworking of 107 gravity sewer pipe, including removal of existing gravity sewer and all restoration.	Palm Beach County	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 132,392.86
17-0244-14	W432-ND - NW205B	Rehabilitation of approximately 2,000 LF of 8" PVC gravity sewer main, including all box culverts and replacement of all manholes, bypass pumps, asphalt roadwork replacement and restoration work	Palm Beach County	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tansorel	(561) 499-6000	jtansorel@pbwater.com	3100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ 375,092.8
17-0245-01	Red Road Emergency Repair	Funding and installation of all emergency needs for the City of Miramar Sewer and Water system	City of Miramar	Marcell P. Denis	(954) 603-3115	marcell@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	Marcell P. Denis	(954) 603-3115	marcell@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	\$ 275,936.00

17-0254-02	5W 100th Avenue - Emergency	Funding and installation of all emergency needs for the City of Miramar Sewer and Water system	City of Miramar	Marcelin P. Daniels	(954) 602-3115	marcelin@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	Marcelin P. Daniels	(954) 602-3115	marcelin@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	\$ 245,000.00
17-0254-03	Miramar Platy & S-Rex Piv Emergency Job	Furnishing and installation of all emergency needs for the City of Miramar Sewer and Water system	City of Miramar	Marcelin P. Daniels	(954) 602-3115	marcelin@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	Marcelin P. Daniels	(954) 602-3115	marcelin@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	\$ 43,000.00
17-0254-04	10" Force main Repair on Miramar Parkway and SW 69th Way	10" Force main Repair on Miramar Parkway and SW 69th Way	City of Miramar	Marcelin P. Daniels	(954) 602-3115	marcelin@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	Marcelin P. Daniels	(954) 602-3115	marcelin@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	\$ 45,000.00
17-0254-05	8" Force Main Repair on Miramar Parkway and Red Road	8" Force Main Repair on Miramar Parkway and Red Road	City of Miramar	Marcelin P. Daniels	(954) 602-3115	marcelin@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	Marcelin P. Daniels	(954) 602-3115	marcelin@miramarfl.gov	2300 Civic Center Plaza, Miramar, FL 33025	\$ 54,300.00
17-0254-06	Homeless I LI	Wastewater collection system rehab	City of Homestead	Antonio J Torres	(305) 443-4549	antonio@homesteadfl.gov	450 SE 6th Avenue, Homestead, FL 33030	Antonio J Torres	(305) 443-4549	antonio@homesteadfl.gov	450 SE 6th Avenue, Homestead, FL 33030	\$ 500,000.00
17-0254-07	Sanitary Sewer Lining	Reconstruction of existing pipe via inserting resin-impregnated flexible felt fiberglass tube into the existing pipe cured by external heat source. hot steam application	Manatee County	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	\$ 4,760,790.00
17-0254-08	Coral Shores 54-culverts	54 Culverts Rehabilitation	Manatee County	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	\$ 232,100.00
17-0254-09	110 38th St Ct RW	110 38th St Ct RW	Manatee County	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	\$ 24,640.00
17-0254-10	201 Mangolian	201 Mangolian	Manatee County	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	\$ 21,695.25
17-0254-11	CR 675	CR 675	Manatee County	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	Clint Rimer	(841) 749-3046	clint.rimer@manateecounty.gov	4520 66th Street West, Bradenton, FL 34210	\$ 15,345.00
17-0254-12	Polk County - CIP	CIP Installations	Polk County	Doug Gable	(888) 535-2285	doug.gable@polkcountyfl.net	390 West Church Street, Room 150, Barrow, FL 32082	Doug Gable	(888) 535-2285	doug.gable@polkcountyfl.net	390 West Church Street, Room 150, Barrow, FL 32082	\$ 189,175.00
17-0254-13	8 - Locations - Polk 17-525	CIP Installations	Polk County	Doug Gable	(888) 535-2285	doug.gable@polkcountyfl.net	390 West Church Street, Room 150, Barrow, FL 32082	Doug Gable	(888) 535-2285	doug.gable@polkcountyfl.net	390 West Church Street, Room 150, Barrow, FL 32082	\$ -
17-0254-14	SW Infrastructure Main/Repair	Storm water infrastructure maintenance and repair services to the City's sewer mainlines and locations	Palm Beach Gardens	Daniel Widdick	(561) 804-7044	danielwiddick@pbgfl.com	10300 North Military Trail, Palm Beach Gardens, FL 33420	Daniel Widdick	(561) 804-7044	danielwiddick@pbgfl.com	10300 North Military Trail, Palm Beach Gardens, FL 33420	\$ 1,027,295.00
17-0254-15	Wastewater Cleaning of Wet Well	Wastewater Cleaning of Wet Well	Salix Waste Authority	Mona McSpide	(951) 640-4000	mona@salixwa.com	7501 North Bay Road, West Palm Beach, FL 33412	Mona McSpide	(951) 640-4000	mona@salixwa.com	7501 North Bay Road, West Palm Beach, FL 33412	\$ 99,622.50
17-0254-16	Lining - 15-692	30,000 LF Lining	Palm Beach County WCD	Polop Prohormonkhan	(561) 498-6123	polop@pbcwcd.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Polop Prohormonkhan	(561) 498-6123	polop@pbcwcd.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	\$ -
17-0254-17	Pipe Lining - Charlotte 02	Stormwater collection system rehabilitation	Charlotte County Utilities	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	\$ 288,735.10
17-0254-18	Pipe Lining - Charlotte 03	CIP Lining	Charlotte County Utilities	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	\$ 16,000.00
17-0254-19	Pipe Lining - Charlotte 04	CIP Lining	Charlotte County Utilities	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	\$ 254,042.50
17-0254-20	Pipe Lining - Charlotte 05	CIP Lining	Charlotte County Utilities	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	\$ -
17-0254-21	Pipe Lining - Charlotte 06	CIP Lining	Charlotte County Utilities	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	\$ 81,345.00
17-0254-22	Pipe Lining - Charlotte 07	CIP Lining	Charlotte County Utilities	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	Randy Vowell	(841) 575-8880	randy.vowell@charlottefl.com	18500 Mirabeck Circle, Port Charlotte, FL 33948	\$ -
17-0254-23	Sanitary Sewer Rehabilitation	Cleaning and internally lining the existing vitrified clay sanitary sewer gravity collection system. Cured-in Place Pipe (CIPP) system. The liner system consists of a heat-activated resin-impregnated fabric pipe system. Once cured, the CIPP system will provide a continuous rigid pipe system between manholes. Individual services are to be cut out and sealed to the main line to minimize infiltration around the connections.	City of Cape Coral	Mary Mantell	(239) 574-0831	mmantell@capecoral.net	1015 Cultural Park Blvd, 2nd Floor, Cape Coral, FL 33909	Mary Mantell	(239) 574-0831	mmantell@capecoral.net	1015 Cultural Park Blvd, 2nd Floor, Cape Coral, FL 33909	\$ -
17-0254-24	Cape Coral - PO# 46977	CIP Lining	City of Cape Coral	Mary Mantell	(239) 574-0831	mmantell@capecoral.net	1015 Cultural Park Blvd, 2nd Floor, Cape Coral, FL 33909	Mary Mantell	(239) 574-0831	mmantell@capecoral.net	1015 Cultural Park Blvd, 2nd Floor, Cape Coral, FL 33909	\$ 53,750.00
17-0254-25	US Bath 805	CIP Lining	City of Cape Coral	Mary Mantell	(239) 574-0831	mmantell@capecoral.net	1015 Cultural Park Blvd, 2nd Floor, Cape Coral, FL 33909	Mary Mantell	(239) 574-0831	mmantell@capecoral.net	1015 Cultural Park Blvd, 2nd Floor, Cape Coral, FL 33909	\$ 113,940.00
17-0254-26	Cape Coral - PO# 42856	CIP Lining	City of Cape Coral	Mary Mantell	(239) 574-0831	mmantell@capecoral.net	1015 Cultural Park Blvd, 2nd Floor, Cape Coral, FL 33909	Mary Mantell	(239) 574-0831	mmantell@capecoral.net	1015 Cultural Park Blvd, 2nd Floor, Cape Coral, FL 33909	\$ 7,382.50
17-0254-27	Progresso Village Stormwater	Annual stormwater infrastructure clogging contract	City of Fort Lauderdale	Sandra Marie Pierce	(954) 826-5239	sandyp@fortlauderdalefl.gov	100 North Andrews Avenue, Fort Lauderdale, FL 33301	Sandra Marie Pierce	(954) 826-5239	sandyp@fortlauderdalefl.gov	100 North Andrews Avenue, Fort Lauderdale, FL 33301	\$ -

17-0264-01	Paint Repair - Landshell	City of Fort Lauderdale	Shirley Marie Pierce	(561) 626-5238	mailto:shirley.pierce@cityofftlauderdale.com	100 North Andrews Avenue, Fort Lauderdale, FL 33301	Shirley Marie Pierce	(561) 626-5238	shirley.pierce@cityofftlauderdale.com	100 North Andrews Avenue, Fort Lauderdale, FL 33301	\$ 45,000.00
17-0265-00	Lift Station # 54	City of Cooper City	Steve Blanchard	(954) 434-9300	blanchard@cooper-city.com	2000 SW 20th Place, Cooper City, FL 33328	Steve Blanchard	(954) 434-9300	blanchard@cooper-city.com	2000 SW 20th Place, Cooper City, FL 33328	\$ 11,700.00
17-0266-00	GreenTV sewer system condition assessment and removal and replacement (L & I)	Lauderdale by the Sea	Don Prince	(954) 879-9700	don@lauderdalebythesea.com	135 SE 5th Court, Deerfield Beach, FL 33442	Don Prince	(954) 879-9700	don@lauderdalebythesea.com	135 SE 5th Court, Deerfield Beach, FL 33442	\$ 250,000.00
17-0267-00	Sanitary Sewer General Repair 35' Deep	City of Deerfield Beach	Fred Scott	(954) 480-4413	fredscott@cityofdeerfieldbeach.com	150 NE 2nd Ave, Deerfield Beach, FL 33441	Fred Scott	(954) 480-4413	fredscott@cityofdeerfieldbeach.com	150 NE 2nd Ave, Deerfield Beach, FL 33441	\$ 98,000.00
17-0268-00	Cypress Lake (L&H)	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	3445 Cypress Trail, West Palm Beach, FL 33417	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	3445 Cypress Trail, West Palm Beach, FL 33417	\$ 254,000.00
17-0269-01	Hegen Office	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	3445 Cypress Trail, West Palm Beach, FL 33417	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	3445 Cypress Trail, West Palm Beach, FL 33417	\$ 25,000.00
17-0270-01	Hegen Various Values	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	3445 Cypress Trail, West Palm Beach, FL 33417	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	3445 Cypress Trail, West Palm Beach, FL 33417	\$ 35,000.00
17-0271-01	Hegen #3	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	3445 Cypress Trail, West Palm Beach, FL 33417	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	3445 Cypress Trail, West Palm Beach, FL 33417	\$ 35,000.00
17-0272-01	US 6346 Canal Bank	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 8,750.00
17-0273-01	Withhoff Point Repair	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 23,379.52
17-0274-01	Hegen Flow Meter Piping - Building 1	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 84,150.00
17-0275-01	Hegen Flow Meter Piping - Building 2	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 23,470.00
17-0276-01	Sanit 3rd St - 20th Valve	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 28,000.00
17-0277-01	Atlantic Emergency 14 PM Valve	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 37,150.00
17-0278-01	Winiford 2nd Repair	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 85,000.00
17-0279-01	Southern & Arden Emergency	Palm Beach County	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mike Brauchle	(561) 355-2912	mikebrauchle@palmbeach.com	50 South Military Trail, Suite 110, West Palm Beach, FL 33415	\$ 41,200.00
17-0280-00	Lift Station 139 Minor Rehab	City of Sunrise	Joe Mazzei	(954) 572-2277	joemazzei@cityofsunrise.com	1208 State Road 16, St. Sunrise, FL 33325	Joe Mazzei	(954) 572-2277	joemazzei@cityofsunrise.com	1208 State Road 16, St. Sunrise, FL 33325	\$ 119,400.00
17-0281-00	Improvements to the Sand Dollar 284 Lift Station	St. Johns County Utility Department	James Overton	(904) 209-2614	overton@stjohnsutility.com	268 Keller Road, Altamonte Springs, FL 32714	James Overton	(904) 209-2614	overton@stjohnsutility.com	268 Keller Road, Altamonte Springs, FL 32714	\$ 493,037.50
17-0282-00	Rehab 6 Lift Stations	City of Altamonte Springs	Karen McCallan	(407) 572-6639	kmccallan@altamontesprings.com	100 NW 1st Ave, Delray Beach, FL 33444	Karen McCallan	(407) 572-6639	kmccallan@altamontesprings.com	100 NW 1st Ave, Delray Beach, FL 33444	\$ 90,000.00
17-0283-01	Hibiscus & Barton	City of Delray Beach	Jeffrey Hensle	(561) 242-7000	jhensle@cityofdelraybeach.com	555 Park Ave, Lake Park, FL 32909	Jeffrey Hensle	(561) 242-7000	jhensle@cityofdelraybeach.com	555 Park Ave, Lake Park, FL 32909	\$ 82,132.00
18-0028-01	Frank Avenue	Town of Lake Park	Richard Scheele	(561) 883-3945	rscheele@lakeparkfl.com	232 Park Ave, Lake Park, FL 32909	Richard Scheele	(561) 883-3945	rscheele@lakeparkfl.com	232 Park Ave, Lake Park, FL 32909	\$ 63,123.00
18-0029-01	Cypress Drive 60' CCTV	Town of Lake Park	Richard Scheele	(561) 883-3945	rscheele@lakeparkfl.com	232 Park Ave, Lake Park, FL 32909	Richard Scheele	(561) 883-3945	rscheele@lakeparkfl.com	232 Park Ave, Lake Park, FL 32909	\$ 376,000.00
18-0030-01	Blue Cypress Lake Rd Culvert	Indian River County	Kristen Leininger	(772) 226-6416	kristenle@indianriver.com	1800 7th Street, Vero Beach, FL 32906	Kristen Leininger	(772) 226-6416	kristenle@indianriver.com	1800 7th Street, Vero Beach, FL 32906	\$ 73,500.00
18-0031-00	Removal and Disposal of Debris from the Lift Station Wet Wells And the WWP	City of Hollywood	Robert Lowery	(954) 923-3552	rlowery@cityofhollywood.com	2000 Hollywood Blvd, Room 303, Hollywood, FL 33020	Robert Lowery	(954) 923-3552	rlowery@cityofhollywood.com	2000 Hollywood Blvd, Room 303, Hollywood, FL 33020	\$ 128,650.00
18-0032-00	Lift Station # 3 - Lining	City of North Lauderdale	George Kravczyk	(954) 587-4794	gkravczyk@cityofnorthlauderdale.com	701 Southview 7th Fl, North Lauderdale, FL 33068	George Kravczyk	(954) 587-4794	gkravczyk@cityofnorthlauderdale.com	701 Southview 7th Fl, North Lauderdale, FL 33068	\$ 189,254.56
18-0033-00	Lauderdale Greasy Line & MH	City of Lantana	Chris Dean	(561) 747-5700	chrisdean@cityoflantana.com	2500 Jupiter Park Drive, Jupiter, FL 33458	Chris Dean	(561) 747-5700	chrisdean@cityoflantana.com	2500 Jupiter Park Drive, Jupiter, FL 33458	\$ 173,294.56
18-0034-02	Lauderdale - Phase 2	City of Lantana	Chris Dean	(561) 747-5700	chrisdean@cityoflantana.com	2500 Jupiter Park Drive, Jupiter, FL 33458	Chris Dean	(561) 747-5700	chrisdean@cityoflantana.com	2500 Jupiter Park Drive, Jupiter, FL 33458	\$ 93,975.00
18-0035-00	Manhole Rehab - Fernon Springs	City of Tarpon Springs	Rodney Rainey	(727) 942-5615	rodneyrainey@tarpon.com	324 East Pine Street, Tarpon Springs, FL 34688	Rodney Rainey	(727) 942-5615	rodneyrainey@tarpon.com	324 East Pine Street, Tarpon Springs, FL 34688	\$ 6,000.00
18-0036-00	Emerg Sewer Repair - Support	Villages of Seagrass Condominium Association Inc.	Betty Walsh	(923) 718-6400	bettywalsh@seagrass.com	120 Seagrass Blvd, Cape Canaveral, FL 32920	Betty Walsh	(923) 718-6400	bettywalsh@seagrass.com	120 Seagrass Blvd, Cape Canaveral, FL 32920	\$ 5,000.00

IG Job#	Job Name	Scope of Work	Municipality	Municipality Project Manager	Municipality Phone	Municipality Email	Municipality Address	Engineer	Engineering Phone	Engineering Email	Engineering Address
00-0057-00	Phipps Park Booster Pump Station Rehabilitation & Modifications	Booster Pump Station Rehabilitation & Modifications	City of West Palm Beach	Daniel Roberge	(561) 822-2100	drberge@wpb.org	401 Clematis St 5th Floor, West Palm Beach, FL 33401	Daniel Roberge	(561) 822-2100	drberge@wpb.org	401 Clematis St, 5th Floor, West Palm Beach, FL 33401
00-0007-00	Manhole Rehabilitation 2012		City of Altamonte Springs								
00-0055-00	Lift Station Rehabilitation Phase II	refurbishing/repair/replacement of concrete, and metal lift station components along with site related improvements for Lift Station Nos. 11, 12, 13, 15A, 17A, 18, 119, 25, 40, 41, 42, 43, 44, 45, 46, 48, 50, 51, 52, 53, 54, 55, 57, 58, 59, 67, 102, 201, 202, 203 and 20	City of Weston	Sabrina Baglieri	(954) 385-2000	sbaaglieri@cityofweston.org	17200 Royal Palm Blvd, Weston, FL 33326	Sabrina Baglieri	(954) 385-2000	sbaaglieri@cityofweston.org	17200 Royal Palm Blvd, Weston, FL 33326
00-0060-00	Cudjoe Regional Wastewater Inner Islands Collection System	Turnkey installation of the Upper Sugarloaf and the Summerland Master lift stations	Cudjoe Inner Islands				2301 W Sample Road, Bldg. 9 Ste 6A, Pompano Beach, FL 33073				
00-0058-00	7th St. SW RWSS Pump and VFD Replacement		Collier County	Nicole Parker	(239) 252 - 4270	nicoleparker@collier.gov	3327 Tamiami Trail E, Naples, FL 34112		(239) 252 - 4270	nicoleparker@collier.gov	3327 Tamiami Trail E, Naples, FL 34112
00-0061-00	Mad Hatter Jinda Lakes I & II Repairs	Cleaning & TV Inspection of sewer line segments, bypass pumping, CIPP	Florida Governmental Utility Authority (FGUA)		(239) 543-1005		280 Wekiva Springs Road, Suite 2000, Longwood, FL 32779		(239) 543-1005		280 Wekiva Springs Road, Suite 2000, Longwood, FL 32779
00-0063-00	Seven Springs Blvd and Humboldt Ave. I & II Repairs	Cleaning & TV Inspection of sewer line segments, bypass pumping, CIPP	Florida Governmental Utility Authority (FGUA)	Rob Dickson	(239) 543-1005	rdickson@govmserv.com	280 Wekiva Springs Road, Suite 2000, Longwood, FL 32779	Rob Dickson	(239) 543-1005	rdickson@govmserv.com	280 Wekiva Springs Road, Suite 2000, Longwood, FL 32779
00-0066-00	Manhole Rehabilitation		Fort Pierce Utility Authority	Mark Kobbe	(772) 466-1600	mkobbe@fpug.com	500 Boston Ave PO Box 3191, Fort Pierce FL 34948	Mark Kobbe	(772) 466-1600	mkobbe@fpug.com	500 Boston Ave PO Box 3191, Fort Pierce FL 34948
00-0017-00	Cape Canaveral Lift Station No. 1 Improvements	Rehabilitation of master pump station, lift station No. 1. Rehabilitation of wet well structure inclusive protective coating, & replacement of ALL LS internals including but not limited to rails, pump bases, discharge piping, valves to point where the three pump discharge piping comes into one manifold pipe, bypass pumping installation, and all other incidentals.	City of Cape Canaveral	Lonnie Dunn	(321) 868-1240	ldunn@cityofcapecanaveral.com	601 Thrum Blvd, Cape Canaveral, FL 32920	Lonnie Dunn	(321) 868-1240	ldunn@cityofcapecanaveral.com	601 Thrum Blvd, Cape Canaveral, FL 32920
00-0022-00	2014 Rehabilitation of Lift Stations	Rehabilitation of Lift Stations #31, #33, #47 and #52. Converting Lift Stations from Dry Can Into duplex submersible LS.	City of Deerfield Beach	Paul Collette	(954) 480-4438	pcollette@deerfield-beach.com	150 NE 2nd Ave, Deerfield Beach, FL 33441	Paul Collette	(954) 480-4438	pcollette@deerfield-beach.com	150 NE 2nd Ave, Deerfield Beach, FL 33441
00-0035-00	South Water Treatment Plant Improvements	Complete demolition of existing WTP and installation of new prefab pumping station, above ground storage tank, 2 wells and all other WTP appurtenances. Electrical work included installing new power services, ATS and 150 kW generator, making all connections between wells and pumping station and all other instrumentation.	City of Mulberry	John Wright	(863)425-1125	johnwright@cityofmulberry.com	500 S.W. 2nd Street Mulberry, FL 33860	John Wright	(863)425-1125	johnwright@cityofmulberry.com	500 S.W. 2nd Street Mulberry, FL 33860
00-0002-00	Lift Station C-05 and Force Main Replacement	Replacement of the existing C-05 Lift Station, including new wet well, twin submersible pumps, electrical and instrumentation, PVC force main installed, modification to existing wet well, and placing out of service a portion of the existing force main. Work includes temporary bypass pumping, piping, valves fittings	Brevard County	Owen Callard	(321) 933-2089	owen.callard@brevard.com	2725 Judge Fran Jamieson Way, Viera, FL 32940	Owen Callard	(321) 933-2089	owen.callard@brevard.com	2725 Judge Fran Jamieson Way, Viera, FL 32940

00-0056-00	Seven Springs / Pasco County Replacing Project & Alpha Gardens Glen & TV Collection System	Cleaning & TV Inspection of sewer line segments, bypass pumping, CIPP	Florida Governmental Utility Authority (FGUA)	Rob Dickson	{239} 543-1005	{239} 543-1005	Rob Dickson	280 Wekiva Springs Road, Suite 2000, Longwood, FL 32779	rdickson@govutilities.com	280 Wekiva Springs Road, Suite 2000, Longwood, FL 32779
00-0005-00	Lift Station M-06 Replacement	Installation of new mechanical equipment, piping and appurtenances	Brevard County	Owen Callard	{921} 933-2089	{921} 933-2089	Owen Callard	2725 Judge Fran Jamieson Way, Viera, FL 32940	owen.callard@brevardfl.gov	2725 Judge Fran Jamieson Way, Viera, FL 32940
00-0048-00	Lift Station 107 Rehabilitation	convert the City of Sunrise's existing Lift Station 107 from a package wet pit/dry pit configuration to a submersible pump configuration	City of Sunrise	Gregg Bagnall	{954} 572-2274	{954} 572-2274	Gregg Bagnall	10770 W. Oakland Park Blvd., Sunrise, Florida 33351	GBagnall@sunrisefl.gov	10770 W. Oakland Park Blvd., Sunrise, Florida 33351
00-0001-00	Lift Station C-16 Rehabilitation	Rehabilitation of Lift Station C-16, existing wet well structure needs rehabed & new concrete top installed. All mechanical piping, valves, and electrical equipment to be replaced.	Brevard County	Craig Helpling	{921} 633-2089	{921} 622-4646	Tom Vill	2725 Judge Fran Jamieson Way, A-213, Viera Beach, FL 32940	chilling@brevardfl.gov	7827 N. Wickham Rd, Suite D, Melbourne, FL 32940
17-0179-00	Pipe Draining and Video, And Drainage Repair on Various State Roads		FDOT	Wayne Harris	{663} 519-2382	{663} 519-2382	Wayne Harris	N Franklin Street Suite 1400, Tampa, FL 33602	Wayne.Harris@dot.state.fl.us	N Franklin Street Suite 1400, Tampa, FL 33602
17-0035-00	Lift Station 29 Replacement		City of Altamonte Springs	Karen McCullen	407-571-8385	407-650-2552	Dave Prah	225 Newburyport Avenue, Altamonte Springs, FL 32701	kmccullen@altamonte.org	101 Southhall Ln #200, Maitland, FL 32751
17-0243-00	Greenacres Drainage Improvements	gravity sanitary sewer replacement, pavement removal and reconstruction	City of Greenacres	Zach Gamble	{561} 642-2013	{561} 642-2013	Zach Gamble	5800 Westgate Lane, Greenacres, FL 33462	zgamble@greenacresfl.com	5800 Westgate Lane, Greenacres, FL 33462
17-0156-00	Australian Ave Sanitary Sewer & Parking Lot Improvements		Town of Palm Beach	John Cairnes	{561} 838-5440	{561} 838-5440	John Cairnes	951 Okeechobee Drive, West Palm Beach, FL 33401	john.cairnes@palmbeachfl.com	951 Okeechobee Drive, West Palm Beach, FL 33401
17-0148-00	M-08 Lift Station Replacement		Brevard County	Owen Callard	{921} 933-2089	{921} 933-2089	Owen Callard	2725 Judge Fran Jamieson Way, Viera, FL 32940	owen.callard@brevardfl.gov	2725 Judge Fran Jamieson Way, Viera, FL 32940
17-0146-00	Lift Station C-18 Rehabilitation	Installation of new mechanical equipment, piping and appurtenances	Brevard County	Owen Callard	{921} 933-2089	{921} 933-2089	Owen Callard	2725 Judge Fran Jamieson Way, Viera, FL 32940	owen.callard@brevardfl.gov	2725 Judge Fran Jamieson Way, Viera, FL 32940
17-0173-00	Palm Beach County Lift Station Rehabilitation Continuing Construction Contract	complete electrical system at Lift Station No. 21	City of Cooper City	Steve Blanchard	{954} 434-4300	{954} 434-4300	Steve Blanchard	9090 SW 50th Place, Cooper City, FL 33325	SBlanchard@coopercityfl.com	9090 SW 50th Place, Cooper City, FL 33325
00-0099-00	Manhole Rehabilitation		City of St. Pete Beach	Ian Wade	{727} 363-9254	{727} 363-9254	Ian Wade	115 Corey Avenue, St. Pete Beach, FL 33706	ian.wade@stpetebeachfl.com	115 Corey Avenue, St. Pete Beach, FL 33706
17-0130-00	Pointe Verda Sanitary Sewer Manhole Rehabilitation - Group 1 Master Contract	Rehabilitate 49 sanitary sewers manholes	St. Johns County	James Overton	{904} 209-2614	{904} 209-2614	James Overton	1205 State Road 16, St. Augustine, FL 32084	joverton@sjcfl.us	1205 State Road 16, St. Augustine, FL 32084
00-0109-00	Rehabilitation of Monica, Davis Rd., & Professional Plaza Pump Station		Village of Palm Springs	John Rouse			Diego Herrera	226 Cypress Lane, Palm Springs, FL 33461	Jrouse@vpsfl.com	4700 Riverside Dr # 110, Coral Springs, FL 33067
17-0153-00	Lift Station T-26 Rehabilitation		Brevard County	Craig Helpling	{921} 633-2089	{921} 622-4646	Kiran Kulkarni	2725 Judge Fran Jamieson Way, A-213, Viera Beach, FL 32940	chilling@brevardfl.gov	7827 N Wickham Rd D, Melbourne, FL 32940
00-0083-00	Belle Glade Sewer I & I Improvements		Palm Beach County WUD	Pollop Phonprornwithoon	{561} 499-6128	{561} 499-6128	Pollop Phonprornwithoon	8100 Forest Hill Blvd, West Palm Beach, FL 33413	phonprornwithoon@pbc.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413

00-0062-00	Rehabilitation & Improvements to Master Lift Station 01	Installation of a new Diesel Engine Driven Pump with an integral fuel tank, on a new support foundation and complete with provided and installed piping, valving, electrical and instrumentation wiring and control; replacement of control panels, electrical conduit, wiring and instrumentation controls for the existing two (2) 75-hp and one (1) 30-hp pumps in the existing wet well; integration of the new electrical power and control systems into the existing standby power generator; piping tie in and modifications to the existing valve box; upgrade to the existing main utility power supply relocation and remounting of the existing SCADA telemetry system, antenna and upgrades to the SCADA system I/O and configuration including additions to the existing remote SCADA monitoring system	Florida Governmental Utility Authority (FGUA)	Dwight Perry	(239) 543-1005	Dserv@fguaservices.com	5660 Bayshore Road, Suite 36, North Fort Myers, FL 33917	Wade Trim	(813) 882-6366	8745 Henderson Road, Suite 220, Renaissance 5, Tampa, FL 33664
00-0075-00	Wastewater Lift Stations Rehab	Installation of 8 new lift stations all new pumps and control panels at all stations, along with new antenna and RTU systems, transformers and electrical services. New Permanent generators were installed at two of the stations along with the corresponding ATS	Palm Beach County	Joseph Tanacredi	(561) 493-6000	tanacredj@pcbwate.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tanacredi	(561) 493-6000	8100 Forest Hill Blvd, West Palm Beach, FL 33413
00-0055-00	South Hutchinson Island Reump #2 Station Modifications	Installation of 2 new split case pumps @ 75 HP, new 15kva Transformer, Lighting panel, VFD's for the pumps, outdoor lighting circuit, multiple different instruments, and removal and replacement of existing generator with new 200 kW generator with stand alone fuel tank	Fort Pierce Utility Authority	Keith Stephens	(772) 466-1600	keithstephens@fous.com	206 S 6th St., Fort Pierce/Hutchinson Island, FL 34950	Keith Stephens	(772) 466-1600	206 S 6th St., Fort Pierce/Hutchinson Island, FL 34950
00-0076-00	Strategic Wastewater Infrastructure project Sewer Collection	Lining/Coating of Brick or Precast Manhole, Rehabilitation (Repair and Uning) of structures, Bypass Pumping, Reconstruction Manhole Bench and Flow Channels, Remove and Install Existing Pump Base Plate, Elbow and Guide Rails, Furnish and install PVC, ETC.	Palm Beach County	Joseph Tanacredi	(561) 493-6001	tanacredj@pcbwate.com	8101 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tanacredi	(561) 493-6001	8101 Forest Hill Blvd, West Palm Beach, FL 33413
00-0074-00	Rehabilitation of Sanitary Sewer Concrete Structures and Lift Stations	Rehabilitation of Sanitary Sewer Concrete Structures and Lift Stations	Palm Beach County	Joseph Tanacredi	(561) 493-6005	tanacredj@pcbwate.com	8105 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tanacredi	(561) 493-6005	8105 Forest Hill Blvd, West Palm Beach, FL 33413
00-0004-00	Relocation of Lift Station #5 Panel	Relocation of Lift Station #5 Panel	Brevard County	Owen Callard	(321) 933-2089	owen.callard@berv.com	2725 Judge Fran Jamieson Way, Viera, FL 32940	Owen Callard	(321) 933-2089	2725 Judge Fran Jamieson Way, Viera, FL 32940
00-0005-00	LS #1 & #6		Brevard County	Owen Callard	(321) 933-2089	owen.callard@berv.com	2725 Judge Fran Jamieson Way, Viera, FL 32940	Owen Callard	(321) 933-2089	2725 Judge Fran Jamieson Way, Viera, FL 32940
00-0006-00	LS #4 & #47		City of Altamonte Springs	James Wickert	(407) 57-5860	jwickett@altamonte.org	950 Calabria Drive, Altamonte Springs, FL 32714	James Wickert	(407) 57-5860	950 Calabria Drive, Altamonte Springs, FL 32714
00-0008-00	Lift Station 10 & 11	Convert existing wet well into submersible pump station. Demolish existing dry can to elevation suitable for installation of valve vault. Install new ridge risers and through valve vault to force main tie-in. Install new pump out connection outside of valve vault	City of Altamonte Springs	James Wickert	(407) 57-5860	jwickett@altamonte.org	950 Calabria Drive, Altamonte Springs, FL 32714	James Wickert	(407) 57-5860	950 Calabria Drive, Altamonte Springs, FL 32714
00-0009-00	LS #3		City of Altamonte Springs	James Wickert	(407) 57-5860	jwickett@altamonte.org	950 Calabria Drive, Altamonte Springs, FL 32714	James Wickert	(407) 57-5860	950 Calabria Drive, Altamonte Springs, FL 32714
00-0010-00	Manhole Drainage Repairs		City of Altamonte Springs	James Wickert	(407) 57-5860	jwickett@altamonte.org	950 Calabria Drive, Altamonte Springs, FL 32714	James Wickert	(407) 57-5860	950 Calabria Drive, Altamonte Springs, FL 32714
00-0011-00	Manhole Rehabilitation August 2013		City of Bartow	Mo Thornton	(562) 965-1744	mthornton@bartowfl.com	260 Orange Tree Dr, Bartow, FL 34622	Mo Thornton	(562) 965-1744	260 Orange Tree Dr, Bartow, FL 34622

00-0012-00	M-20 Lift Station	Rehabilitation of master Lift Station	Brevard County/Merritt Island	Bill Cowan	(821) 617-7390	bill.cowan@brevard.gov	2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Suite C-303, Viera, FL 32940	Bill Cowan	(321) 617-7390	bill.cowan@brevard.gov	2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Suite C-303, Viera, FL 32940
00-0013-00	Lift Station M-20	Rehabilitation of Lift Station M-20	Brevard County	Owen Callard	(321) 933-2089	owen.callard@brevard.gov	2725 Judge Fran Jamieson Way, Viera, FL 32940	Owen Callard	(321) 933-2089	owen.callard@brevard.gov	2725 Judge Fran Jamieson Way, Viera, FL 32940
00-0015-00			City of Cape Canaveral								
00-0016-00			City of Cape Canaveral								
00-0019-00	Replacement of three Return Activated Sludge Pumps (RAS) Pumps	Install three (3) Return Activated Sludge (RAS) Pump ends at the Sellers Water Reclamation Facility	City of Cocoa Utilities	Don Stevens	(321) 433-8744	dstevens@cocoanutl.com	65 Stone Street, Cocoa, FL 32922	Don Stevens	(321) 433-8744	dstevens@cocoanutl.com	65 Stone Street, Cocoa, FL 32922
00-0020-00	Manhole Rehabilitation		City of Cooper City	Kerr Fisher	(954) 454-4300						
00-0021-00			City of Coral Gables	Margie Gomez	(305) 460-5103	mgomez@coralgablesf.com	405 Baltimore Way, Coral Gables, FL 33134	Margie Gomez	(305) 460-5103	mgomez@coralgablesf.com	2801 Siskind St, Coral Gables, FL 33134
00-0023-00			City of Deerfield Beach	Paul Collette	(954) 480-4418	pcollette@deerfield-beach.com	150 NE 2nd Ave, Deerfield Beach, FL 33441	Paul Collette	(954) 480-4418	pcollette@deerfield-beach.com	150 NE 2nd Ave, Deerfield Beach, FL 33441
00-0024-00	Rehabilitation of Lift Stations 2018	Rehabilitation of Lift Stations. Converting Lift Stations from Dry Can into duplex submersible LS.	City of Deerfield Beach	Paul Collette	(954) 480-4418	pcollette@deerfield-beach.com	150 NE 2nd Ave, Deerfield Beach, FL 33441	Paul Collette	(954) 480-4418	pcollette@deerfield-beach.com	150 NE 2nd Ave, Deerfield Beach, FL 33441
00-0025-00	Lift Station Rehabilitation 2013	Rehabilitation of lift station #60	City of Delray Beach	Harold Williams	(561) 243-7161	hwilliams@delray-beach.com	100 NW 1st Ave, Delray Beach, FL 33444	Harold Williams	(561) 243-7161	hwilliams@delray-beach.com	100 NW 1st Ave, Delray Beach, FL 33444
00-0028-00	Manhole Piggyback		City of Delray Beach	Scott Solomon	(561) 243-7161	ssolomon@delray-beach.com	434 S. Swinton Avenue, Delray Beach, FL 33444	Scott Solomon	(561) 243-7161	ssolomon@delray-beach.com	434 S. Swinton Avenue, Delray Beach, FL 33444
00-0028-00	Manhole Rehabilitation		City of Fort Lauderdale	Steven P Roberts	954-828-7854	sroberts@fortlauderdale.com	4250 NW 10 Avenue, Ft Lauderdale FL 33309	Steven P Roberts	954-828-7854	sroberts@fortlauderdale.com	4250 NW 10 Avenue, Ft Lauderdale FL 33309
00-0029-00	City of Haines City Piggy back	Manhole rehabilitation	City of Haines City								
00-0031-00	Lift Station and Manhole Rehabilitation 2014 Project	Lift station and manhole rehabilitation	City of Lake Wales	Rendall Britt	(863) 678-6114	rbritt@lakewales.com	201 W. Central Ave. Lake Wales, Florida 33853	Rendall Britt	(863) 678-6114	rbritt@lakewales.com	201 W. Central Ave. Lake Wales, Florida 33853
00-0034-00	Manhole Rehabilitation Services	Manhole rehabilitation	City of Leesburg	Terry Pollard	(352) 728-9880	tpollard@leesburgfl.com	204 N. 5th Street, Leesburg, FL 34748	Terry Pollard	(352) 728-9880	tpollard@leesburgfl.com	204 N. 5th Street, Leesburg, FL 34748
00-0042-00											
00-0045-00											
00-0046-00	Manhole Rehabilitation	Rehabilitation to include inspection, surface preparations, liner installation, testing, bypass pumping, maintenance of traffic, confined space monitoring/certifications, patching of any areas disturbed or destroyed	City of St. Pete Beach		(727) 368-9254		155 Corey Avenue St. Pete Beach, Florida 33706		(727) 368-9254		155 Corey Avenue St. Pete Beach, Florida 33706
00-0049-00	Manhole Rehabilitation - Rebid	Rehabilitation of sanitary sewer manholes	City of Tarpon Springs	James Wheaton	(727) 942-5615	jwheaton@tcsfl.us	324 East Pine Street Tarpon Springs, Florida 34688-5004	James Wheaton	(727) 942-5615	jwheaton@tcsfl.us	324 East Pine Street Tarpon Springs, Florida 34688-5004
00-0051-00	Lift Stations Upgrades		City of Titusville		(321) 383-5767		555 South Washington Avenue, Titusville, Florida 32796		(321) 383-5767		555 South Washington Avenue, Titusville, Florida 32796

00-0054-00	Lift Stations Nos. 6, 7, 8, & 9 Rehabilitation	City of Treasure Island	Mike Helfrich	(727) 574-4575	mhelfrich@mvtreasur island, FL 33706	108th Ave., Treasur island, FL 33706	Mike Helfrich	(727) 574-4575	mhelfrich@mvtreasur island, FL 33706
00-0054-00	Structural Repairs of the Flow Equalization Basin for East Central Regional Water Reclamation Facility	City of West Palm Beach	Jay Kwag	(561) 822-2100	HJKwag@wpb.org	401 Clematis St., 4th Floor, West Palm Beach, FL 33401	Jay Kwag	(561) 822-2100	HJKwag@wpb.org
00-0058-00	Lift Station #30 & #32 Rehabilitation	Coral Springs	Steve Seigfried	(954) 796-6658	stseigs@fradistricts.com	10300 NW 11th Manor, Coral Springs, FL 33071	Steve Seigfried	(954) 796-6658	stseigs@fradistricts.com
00-0066-00	2nd Avenue South Sewer Rehabilitation	City of Lake Worth		(561) 586-1674		7 N Dixie Hwy # 3, Lake Worth, FL 33460		(561) 586-1674	
00-0069-00	Lift Stations 23, 87, 117 and 212 Rehabilitation	Loveland District		(561) 747-5700		2500 Jupiter Park Drive, Jupiter, FL 33458		(561) 747-5700	
00-0072-00	Simmons Road Drain Repair	Nassau County	David Hearn	(904) 491-7377	dhearn@nassaucount y, FL 32097	96161 Nassau Place, Yulem FL 32097	David Hearn	(904) 491-7377	dhearn@nassaucount y, FL 32097
00-0074-00	Gravity Lines & Manhole Rehabilitation	Palm Beach County		(561) 493-6000		8100 Forest Hill Blvd, West Palm Beach, FL 33413		(561) 493-6000	
00-0077-00	Control Panel LS 8102	Palm Beach County	Joseph Tanacredi	(561) 493-6002	jtanacredj@pcbwater.com	8102 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tanacredi	(561) 493-6002	jtanacredj@pcbwater.com
00-0078-00	Electrical Services Installation on an as Needed Basis	Palm Beach County	Joseph Tanacredi	(561) 493-6003	jtanacredj@pcbwater.com	8103 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tanacredi	(561) 493-6003	jtanacredj@pcbwater.com
00-0080-00	Lift Station Rehabilitation South Service Area - Phase II	Palm Beach County	Joseph Tanacredi	(561) 493-6004	jtanacredj@pcbwater.com	8104 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tanacredi	(561) 493-6004	jtanacredj@pcbwater.com
00-0082-00	IL & Improvements	Palm Beach County	Joseph Tanacredi	(561) 493-6006	jtanacredj@pcbwater.com	8106 Forest Hill Blvd, West Palm Beach, FL 33413	Joseph Tanacredi	(561) 493-6006	jtanacredj@pcbwater.com
00-0085-00	Sanitary Sewer & Lift Station Wet Well Repairs	Palm Beach County	Pollo Phonpronwithoon	(561) 493-6123	pollophonpronwithoon@pcbwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413	Pollo Phonpronwithoon	(561) 493-6123	pollophonpronwithoon@pcbwater.com
00-0088-00	Manhole Rehab March 2014	Seminole County		(407) 665-7116		1301 East Second Street, Sanford, FL 32771		(407) 665-7116	
00-0104-00	E-3 Force main Rehabilitation	Town of Palm Beach	Michael Roach	(561) 838-5440	mroach@townofpalmbeach, FL 33401	951 Old Okeechobee Rd, West Palm Beach, FL 33401	Michael Roach	(561) 838-5440	mroach@townofpalmbeach, FL 33401
00-0105-00	General Utility Projects	Town of Palm Beach	William Francis	(561) 227-7027	wfrancis@townofpalmbeach, FL 33401	951 Old Okeechobee Rd, West Palm Beach, FL 33401	William Francis	(561) 227-7027	wfrancis@townofpalmbeach, FL 33401
00-0106-00	Pump Station & Miscellaneous Structural Projects	Town of Palm Beach	William Francis	(561) 227-7028	wfrancis@townofpalmbeach, FL 33401	952 Old Okeechobee Rd, West Palm Beach, FL 33401	William Francis	(561) 227-7028	wfrancis@townofpalmbeach, FL 33401

00-0108-00					Village of Golf	John D. Lisle, Jr.	(561) 732-0236	jilisle@villageofgolf.org	21 Country Road Village of Golf, FL 33436	John D. Lisle, Jr.	(561) 732-0236	jilisle@villageofgolf.org	21 Country Road Village of Golf, FL 33436
00-0110-00	Shades Authority City of Pahokee 1 & 1 Improvements			City of Pahokee	John D. Lisle, Jr.	(954) 732-2474			2441 NW 93rd Ave, Ste 103, Doral, FL 33172		(954) 732-2474		2441 NW 93rd Ave, Ste 103, Doral, FL 33172
17-0001-01	Continuing Contract for Wastewater Gravity Lines Rehabilitation	Rehabilitation of wastewater gravity pipelines utilizing the CIPP or Fold and Form Lining method		Palm Beach County WUD	Hassan Hadjimiry	(561) 493-6000	hhadjimiry@pcbwater.com		8100 Forest Hill Blvd, West Palm Beach, FL 33413	Hassan Hadjimiry	(561) 493-6000	hhadjimiry@pcbwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413
17-0002-00	Continuing Contract for Wastewater Gravity Lines Rehabilitation	Pigback: Rehabilitation of wastewater gravity pipelines utilizing the CIPP or Fold and Form Lining method		City of Zephyrhills	Henry Melendez	(561) 493-6000	hmelendez@pcbwater.com		5335 8th Street, Zephyrhills, FL 33542	Henry Melendez	(561) 493-6000	hmelendez@pcbwater.com	5335 8th Street, Zephyrhills, FL 33542
17-0113-00	Rehabilitation of Lift Stations 2017	Rehabilitation of Lift Stations #89, #93, #98 and #49. The Stations from "dry can" Lift Stations into duplex submersible Lift Stations. This project shall rehabilitate the old and deteriorated Lift Stations with new Lift Stations including pumps and parts.		City of Deerfield Beach	Nicole Ingersoll	(954) 480-4413	ningersoll@deerfieldbeach.org		150 NE 2nd Ave, Deerfield Beach, FL 33441	Nicole Ingersoll	(954) 480-4413	ningersoll@deerfieldbeach.org	150 NE 2nd Ave, Deerfield Beach, FL 33441
17-0147-00	Lift Station V-10 Rehabilitation			Brevard County	Owen Callard	(321) 933-2089	owen.callard@brevard.org		2725 Judge Fran Jamieson Way, Viera, FL 32940	Owen Callard	(321) 933-2089	owen.callard@brevard.org	2725 Judge Fran Jamieson Way, Viera, FL 32940
17-0150-00	Master Pump Station Rehabilitation	modifications to the City of Clewiston's Master Lift Station including but not limited to a new lift station, temporary bypass pumping, demolition, electrical improvements, restoration		City of Clewiston	Danny Williams	(863) 983-1484	danny.williams@cityofclewiston.com		115 W Ventura Ave, Clewiston, FL 33440	Scott Johnson	(863) 983-9188	sjones@johnsonprswill.com	850 W Ventura Ave, Clewiston, FL 33440
17-0155-00	Master Lift Station Generator Replacement	Remove existing generator and turn over to owner, Remove all wiring associated with existing generator system between generator and ATS and replace with new, Provide new 80kW, 480V, 3-phase generator with 200 gallon subbase tank and weather-proof enclosure and critical grade stainless steel silencer		City of Atlantis	Joseph Kusmir	(561) 242-0028	stormwater@small.com		260 Orange Tree Drive, Atlantis, FL 33452	Joseph Kusmir	stormwater@gmail.com (561) 242-0028		1855 Indian Road, Suite 202, West Palm Beach, FL 33409
17-0159-00	Wastewater Lift Station No. 8 & 16	rehabilitation of Lift Station No. 8 & 16, including, but not limited to, bypass pumping, restoration of existing wet well, fencing, demolition of the existing manholes, structural repairs, construction of new valve vaults, submersible pumps, associated force main piping and valves, control panel and associated electrical equipment, and instrumentation		City of St. Pete Beach	Ian Wade	(727) 363-5254	iwade@stpetebeach.org		155 Corey Avenue, St. Pete Beach, Florida 33706	Ian Wade	(727) 363-5254	iwade@stpetebeach.org	155 Corey Avenue, St. Pete Beach, Florida 33706
17-0160-00	Crews and Equipment	Drainage infrastructure repairs		Palm Beach County	Mark Kroeger	(561) 616-6800	mkroeger@pcb.gov		50 South Military Trail, Suite 110, West Palm Beach, FL 33415	Mark Kroeger	(561) 233-3962	mkroeger@pcb.gov	50 South Military Trail, Suite 110, West Palm Beach, FL 33415
17-0165-00	Lift Station M18			Brevard County	Owen Callard	(321) 933-2089	owen.callard@brevard.org		2725 Judge Fran Jamieson Way, Viera, FL 32940	Owen Callard	(321) 933-2089	owen.callard@brevard.org	2725 Judge Fran Jamieson Way, Viera, FL 32940
17-0170-00	Seminole County 10 LS Rehab 2017			Seminole County	Jeff Lane	(407) 665-2558			4903 Wayside Dr, Sanford, FL 32771	Jeff Lane	(407) 665-2558		4903 Wayside Dr, Sanford, FL 32771
17-0213-00	Lift Station 10 Top & Riser			City of Cooper City	Steve Blanchard	(954) 434-4300	sblanchard@cooper-city.com		9090 SW 50th Place, Cooper City, FL 33328	Steve Blanchard	(954) 434-4300	sblanchard@cooper-city.com	9090 SW 50th Place, Cooper City, FL 33328
17-0214-00	3 Manhole Rehab Projects			City of Ocoee	Harold Woodward	(407) 890-6777	HWWoodward@land.com		8907 West Colonial Drive, Orlando, FL 32818	Harold Woodward	(407) 890-6777	HWWoodward@land.com	8907 West Colonial Drive, Orlando, FL 32818
17-0240-00	2016 Telemetry Information Management System Upgrade			Palm Beach County WUD	Andre McBarnett	(561) 493-6104	amcbarnett@pcbwater.com		8100 Forest Hill Blvd, West Palm Beach, FL 33413	Andre McBarnett	(561) 493-6104	amcbarnett@pcbwater.com	8100 Forest Hill Blvd, West Palm Beach, FL 33413

17-0242-00	Annual Contract for Miscellaneous Water and Wastewater Utility Construction Services		Florida Governmental Utility Authority (FGUA)	Rob Dickson	(407) 629-6900	rdickson@govmserv.com	280 Wekiva Springs Road, Suite 2000, Longwood, FL 32779	Rob Dickson	(407) 629-6900	rdickson@govmserv.com	280 Wekiva Springs Road, Suite 2000, Longwood, FL 32779
17-0251-00	2017 Storm drain Pipe Lining	perform high pressure water jetting, rodding, brushing, bucketing and flushing of designated sewer lines and manholes	City of Ormond Beach		(386) 676-3297		22 South Beech Street, Ormond Beach, FL 32174		(386) 676-3297		22 South Beech Street, Ormond Beach, FL 32174
17-0256-00	manhole Rehabilitation	rehabilitation of sanitary sewer manholes	City of Tarpon Springs		(727) 942-5615		324 East Pine Street Tarpon Springs, Florida 34688-5004		(727) 942-5615		324 East Pine Street Tarpon Springs, Florida 34688-5004
17-0262-00	Franklin & Fernleaf CIPP		City of Sebring	Jim Jackson	(863) 471-5110	purchasing@mysebring.com	368 S Commerce Ave, Sebring, FL 33870	Jim Jackson	(863) 471-5110	purchasing@mysebring.com	368 S Commerce Ave, Sebring, FL 33870
17-0267-00	Lift Station 54		City of Cooper City	Steve Blanchard	(954) 434-4300	SBlanchard@cooperfl.com	9090 SW 50th Place, Cooper City, FL 33328	Steve Blanchard	(954) 434-4300	SBlanchard@cooperfl.com	9090 SW 50th Place, Cooper City, FL 33328
17-0268-00	VDF Replacement Project		City of Altamonte Springs	James Wickert	(407) 571-8560	JWickert@altamonte.com	950 Calabria Drive Altamonte Springs, FL 32714	James Wickert	(407) 571-8560	JWickert@altamonte.com	950 Calabria Drive Altamonte Springs, FL 32714
17-0283-00	Emergency Repair: Kingway Circle Lake Sully		DeSoto County Board of County Commissioners		(863) 993-4816		201 E Oak St # 201, Arcadia, FL 34266		(863) 993-4816		201 E Oak St # 201, Arcadia, FL 34266



Hinterland Group Inc
 992 W 15th St
 Riviera Beach, FL 33404

As of: 9/1/2017

CIPP Roster: Position, Experience, Expertise, Licenses

Name	Position	Years of Experience	Expertise	Licenses
Dario Montanez	Superintendent Foreman	25	CCTV Liner Installation Liner Curing Grouting/ Pressure Testing Robotic Service Reconnection	PACP CDL
Gerardo Pulido	Boiler Operation- Manager	24	Liner Curing Vac Truck Operation Liner Installation	CDL Tanker Cert
Jaciento Pulido	Laborer	24	Liner Curing Liner Installation Wet-Out Grouting/ Pressure Testing Robotic Service Reconnection CCTV	CDL Tanker Cert Hazmat Cert
Guillermo Falcon	PACP Specialist	15	CCTV Robotic Service- Grouting / Pressure Testing Reconnection	PACP CDL
Curt Maring	Project Manager	13	CIPP, Slip Lining, Open Cut, Cleaning, TV and Vacuum Excavation	6" - 108" Confined Space PACP MACP LACP, Nassco Trainer
Ivan Pulido	Robotics Mechanic Laborer	8	Liner Installation CCTV Mechanic	CDL
Eduardo Rivera	Laborer	4	Vac Truck Operation	CDL Tanker Cert Hazmat Cert
Brett Konchak	Project Manager	3	CCTV Liner Installation Liner Curing Grouting/ Pressure Testing Robotic Service Reconnection	PACP HAZWOPER FDOT MOT



As of 5/1/2019

Installed Liner Quantities

	Avg Diameter	Total Footage Installed
Palm Beach County	8.450746269	194126
Homestead	7.8203125	20525
Lake Park	40.25	1022
Cypress Lakes HOA	27	822
Winter Springs FDOT-E5U37	34	672
City of Palmetto	18	93
Charlotte County	21.88275862	16494
FDOT Martin County	26.25	814
Desoto	24	157
Bradenton	9.096153846	10127
Delray	10.81122449	13058
Lauderdale by the Sea	8.665322581	19293.9
Golden Bear Properties	27	858
Ormond Beach	20	2842
Clay County	25.71428571	1257
Cape Coral	8.177884615	15054
Manatee County	23.23529412	3457
Riviera Beach	8	1298
Seminole County	8	5534
Tampa	10.20673077	26181
City of West Palm Beach	18.35606061	12002
Clearwater	10.05421687	28225.7
Zephyrhills	8.9625	23051
Lake Worth	12.75	1722
Bartow	15.875	509
Maitland	8	1144
Nassau County	36	995
Mangonia Park	8	12795
Village of Golf	9.694444444	2309
Town of Lantana	10	20000
FGUA	8	6000
City of Lake City	12.25	8856
Seminole County	10.7109375	11486
Colonial Estates HOA	8	3500
City of Maitland	8	2136
Sebring	8	1685
Miramar	9	375
N Lauderdale	7.974358974	16026

Palm Beach Gardens	21.75	849
Polk County	28.06097561	9634
Loxahatchee River	8.481884058	23955
Martin County	27.96	2944
Mulberry	8.833333333	3391
Stuart	9.875	248
Seminole Tribe	8	3353
Hickory Ridge	18	92
Fort Lauderdale	12	129
FLO-TECH FDOT	18.85714286	463
Cypress Lakes	23.28947368	4228
Dade County	7.918367347	14140
River Ridge	18	199
TOTAL FOOTAGE		550126.6



Hinterland Group, Inc.
992 W 15th Street
Riviera Beach, FL 33404

For questions or comments please contact us at (561) 640-3503

CIPP Lining Preferred Reference List

Owner	Project Title	Completion Date	Contact Information	Cleaned, Televised and Lined Linear Footage	Diameters
Palm Beach County Water Utilities Department	12-083, 14-088, 16-082, 17-016, 16-092, R&B Storm & Sewer	On going	Contact: Phillip Phompsonwithoon Phone: 561-493-6154 PPhompsonwithoon@pbwater.com	142,550	8"-24"
City of Clearwater	Sanitary Sewer Rehab - Section A CIPP - Annual Contract	Annual Contract held since February, 2015	Contact: Rose Lara Phone: 727-224-7062 Rose.Lara@myClearwater.com	23,216	8" to 24"
Palm Beach Gardens	Storm Water Project	On Going	Contact: Daniel Widdick 561-804-7044 dwiddick@pbgfl.com	728	12"-36"
Polk County	Storm Water Project	On Going	Contact: Doug Gable 863-535-2285 DougGable@polk-county.net	3,336	15"-36"
City of Sebring	I&I Program	On Going	Contact: Jim Jackson 863-471-5110	1,685	8"-12"
N Lauderdale	I&I Program	On Going	Contact: George Kawczyk, P.E., CFM 954-724-7070 gkawczyk@nlauderdale.org	14,970	8"-10"
Manatee County	Storm Improvements	On Going	Contact: Clint Rimer 941-708-7480 clint.rimer@mymanatee.org	1,929	12"-36"
Lake Worth	I&I Program	Feb, 2017	Contact: Paul Fleming 561-389-9912 paul.fleming@mockroos.com	1,657	8"-10"
Zephyrhills	I&I Program	Jan, 2017	Contact: Joey Theel 813-760-0006 JTheel@clzephyrhillsfl.us	11,850	8"-12"
Nassau County	Simmons Road Storm Drain Repair	April, 2015	Contact: David Hearn Phone: 904-491-7334 Dhearn@nassaucountyfl.com	995	96"
City of Tampa	Wastewater Gravity Sewer Rehab by CIPP - Annual Contract	Annual Contract held since April 2015	Contact: Raleigh "Lee" Thomas, Jr Phone: 813-635-3400 Raleigh.Thomas@tampagov.net	26,181	8" to 24"
Colonial Estates	I&I Program	March, 2014	Contact: Office 561-459-1479	3,500	8"
Town of Lantana	CIPP and Manhole Rehab 2015	June, 2015	Contact: Darrell Blom 561-540-5750 Dblom@lantana.org	20,000	8" to 12"
FGUA	Mad Hatter & Sever Springs I&I Repair	June, 2015	Contact: Chris Couch Phone: 407-629-6900 Ccouch@govmserv.com	6,000	8"



Hinterland Group, Inc.
992 W 15th Street
Riviera Beach, FL 33404

For questions or comments please contact us at (561) 640-3503

City of Lake City	Multiple Storm & Sewer Emergency CIPP Repairs	June, 2014	Contact: Keith Hampton Phone: 386-758-5456 khampton@lccfla.com	8,856	8" to 36"
Golden Bear Properties	Storm CIPP	March, 2017	Contact: Michael Bowden Phone: 561-627-0184 mbowden@mhcreal.com	858	36"
City of Maitland	CIPP Sewer Repair	June, 2015	Contact: David Gonzalez Phone: 407-875-1143 Dgonzalez@tsmyreitland.com	1,144	8"
Seminole County	Lining Continuing Contract off 12-063	On going	Contact: Jeff Lane 407-665-2885 jlane@seminolecountyfl.org	8,850	8"
City of Delray	CIPP Lining	On going	Contact: Scott Solomon Phone: 561-243-7309 Solomon@cityofdelray-beach.fl.us	5,949	8"-12"
City of Riviera Beach	I&I Program	On going	Contact: Leighton Walker Phone: 561-845-4185 lwalker@rivierabch.com	1,298	8"-10"
City of West Palm Beach	Master of Contract for Sanitary Sewer and Stormwater Piping CIPP	Annual Contract held Since September 2015	Contact: Daniel Roberge Phone: 561-494-1053 Droberge@wob.org	10,321	8" to 36"
City of Bartow	Emergency Lining	November, 2015	Contact: Russell Martin 863-534-0100 Rmartin@cityofbartow.net	509	8" to 18"
Town of Mangonia Park	I&I Program	December, 2016	Contact: David Frodsham 561-681-5269 Dfrodsham@cgssolutions.com	12,795	8"
City of Miramar	I&I Program	Emergency Contract Since February, 2015	Contact: Marcelin Denis Phone: 954-883-6802 MPDenis@miramarfl.gov	375	8"
Village of Golf	Storm and Sewer CIPP Project	Contract as of Sept 2014	Contact: John Lisle Phone: 561-732-4710 jlisle@villageofgolf.com	2,509	8" to 24"
Town of Manalapan	CIPP Storm to Intercoastal	August, 2014	Contact: Craig Shugar Phone: 561-586-9699 Cshugar@manalapan.org	500	18"
Clay County	Storm and Sewer CIPP Project	May 2017	Contact: Steve Koteras Phone: 904-627-9198 Stephen.Koteras@claycountyfl.gov	417	24"
Brevard County	Emergency Lining	April, 2016	Contact: Andy Sepp Phone: 321-455-1338 Andy.Sepp@brevardcounty.us	1,000	8" to 12"
Lauderdale by the Sea	I&I Program	On going	Contact: Don Prince Phone: 954-640-4233 Email: DonP@lauderdalebythesea-fl.gov	15,747	8"-12"
Ormond Beach	Storm and Sewer CIPP Project	July, 2017	Contact: Alex Schuman 386-676-3306 Alex.Schumann@ormondbeach.org	2,842	12"-36"