

CITY OF COCOA BEACH
REQUEST FOR PROPOSAL NUMBER CB 22 – 002
GRAVITY SEWER REHABILITATION PROJECT

REQUEST FOR PROPOSAL

CB 22 - 002



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GRAVITY SEWER

REHABILITATION PROJECT

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GRAVITY SEWER REHABILITATION PROJECT

The City of Cocoa Beach is issuing a Request for Proposal (RFP) for professional Cured In Place Pipe (CIPP) rehabilitation services for 15.7 miles of sanitary sewer gravity mains (8" – 12" diameter), and approximately 1,385 lateral grouting contingent upon a sub-recipient agreement between the CITY and Florida Department of Economic Opportunity (DEO). The length of the scope will also be contingent upon the DEO agreement. Please refer to Exhibit C and D for further approximate line segments and maps. Refer to Exhibit A (Scope of Services) for project details. The City reserves the right to accept or reject any and all proposals or any part of any proposal and to waive any informality concerning the proposals when such rejection or waiver is deemed to be in the best interest of the City of Cocoa Beach, and to engage in value engineering with the lowest responsive bidder. The requirements contained herein apply to all offers made to the City of Cocoa Beach by all prospective Proposers and include, but are not limited to, Request for Quotes, Request for Proposal and Invitation to Bid. As such, the words "bid" and "proposal" are interchangeable in reference to all offers submitted by prospective Proposers.

1. PROPOSAL INSTRUCTIONS

The Proposer is directed to deliver sealed proposals to the City Clerk's office, City of Cocoa Beach, 2 South Orlando Avenue, Cocoa Beach, Florida, 32931 **until Friday, February 18, 2022 at 2:00 p.m.** local time. All proposals shall be confidential pursuant to Florida Statutes, Chapter 119, entitled Public Records, Paragraph 119.07. All Proposers and their representatives are invited to attend. **The Proposal must show the Proposer's name, bid number, bid name, time and date of the bid opening on the outside of the sealed bid package.** Delivery of the sealed proposals to the City Clerk's Office on or before the above date is solely and strictly the responsibility of the Proposer. **Late proposals will be returned unopened to the Proposer.** The City Manager or designee will be the official authority for determining late bids. The City reserves the right to waive any irregularity or informality in the bids received, to determine, in its sole discretion, whether or not the informality is minor, to reject or accept any or all bids and to select the winner based on criteria which serves the best interests of the City of Cocoa Beach.

- A. It is the Proposer's responsibility to read and understand the requirements of this solicitation of proposal. Proposers are required to state exactly what they intend to furnish to the City via this solicitation and must indicate any variances to the terms, conditions and specifications of this proposal, no matter how slight. If variations are not stated in the proposal, it shall be construed that the proposal fully complies with all conditions identified in this proposal. The Proposer shall submit **one (1) ORIGINAL and three (3) copies** of the proposal, with a flash/jump drive containing **one file in PDF format of the hard copy of the proposal exactly as submitted.** The ORIGINAL proposal must be manually and duly signed in ink by a Corporate Officer, Principal, or Partner with the authority to bind the bidding company or firm by his/her signature. All quotations must be typewritten or filled in with pen and ink. The Proposer must initial proposals having erasures or corrections in ink.

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- B. All prices, terms and conditions quoted in the submitted bid will be firm for acceptance for ninety (90) days from the date of the bid opening unless otherwise stated by the City.
- C. Should any interested Proposer find any part of the specifications, terms, and conditions to be discrepant, incomplete, or questionable in any respect, it shall be the responsibility of the concerned Proposer to call such matters to the attention of the City immediately upon receipt of the Request for Proposal.

2. PROPOSAL SUBMISSIONS

All proposals must be presented in an organized fashion. All corrections to the proposals must be initialed. The Proposer's name shall appear on each page of the proposal. All proposals shall contain a table of contents. Each lettered item below should be a separate section of the submittal. Please submit all information as outlined below. Failure to submit all information may result in a lowered evaluation score. The City at its discretion may reject proposals that are substantially incomplete or lack key information. Submittals shall be limited to forty (40) pages. The page count excludes the cover, proposal form and certification, introduction (cover letter), table of contents and Section dividers. The Proposals shall be concise and straightforward in describing the Proposer's experience and capabilities. Emphasis should be placed on completeness and clarity. In your proposal, please provide responses to the following:

- A. **Proposal Form and Certification:** Complete the form enclosed as Exhibit D and return in the submittal immediately following the cover page and before the cover letter. Proposals without the manual signature of an authorized agent of the Proposer shall be deemed non-responsive and ineligible for award.
- B. **Introduction:** This section will contain a cover letter no longer than two (2) pages, signed by an authorized representative of the Proposer.
- C. **Table of Contents**
- D. **Firm/Proposer Information:** Briefly describe the Proposer's organization and philosophy and, in addition, include the following information:
1. Experience record showing the bidder's training and experience in similar work.

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2. List of similar projects completed with location, dates of contracts, and references. The projects shall include at least one engagement that is similar in size and work to the requirements specified herein. Specifically identify any similar projects within a coastal community. The references shall include the name, title, address, and phone number of the contact individual. Past performance with the City of Cocoa Beach will be considered.
 3. Identify the Project Team and a list of personnel to be assigned to this project with resumes stating qualifications and experience with similar projects.
- E. **Proposal Approach:** State the Proposer understands of the Scope of Services as outlined in Exhibit A and the Proposer’s recommended methodology to fulfill the project goal(s).
- F. **Work Product, Schedule and Fees:** This section shall include information regarding the anticipated type and date of deliverables necessary to meet the Proposal Approach presented by the Proposer. The fees proposed shall include all charges that may be anticipated in fulfilling the terms of this contract.

3. SCHEDULE OF EVENTS

The Schedule as listed below is the City’s intended course of action for this project. The City will follow the schedule to the extent possible; however, the City reserves the right to change both the sequence and timing if deemed necessary.

Sunday, January 16, 2022	Advertise Proposal
Friday, January 28, 2022	Mandatory Pre-Bid Meeting
Friday, February 4, 2022	Deadline for Written Questions
Friday, February 18, 2022	Deadline for Submission/Public Bid Opening
TBD	Commission Bid Award

4. MANDATORY PRE-BID MEETING

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A mandatory pre-bid conference will be held on Friday, January 28, 2022 at 10:00 a.m. in the Public Works Facility Conference Room at 1600 Minuteman CSWY., Cocoa Beach FL 32931. This Pre-Proposal meeting will allow all Proposers the opportunity to bring forward any questions concerning this proposal. All interested parties are **required** to attend.

5. PUBLIC BID OPENING

- A.** All bids will be publicly opened immediately following the deadline for submission of the proposals. The purpose of the public bid opening is for an acknowledgement of bids received. No award will be made or implied at this time. Bid documents will not be reviewed or evaluated at the bid opening. No discussion of any nature concerning the bid will be held at this time. A copy of the bid opening form will be posted to City's website after opening.

- B.** A review committee utilizing the Selection Criteria presented in **Exhibit C** will conduct a review of the Proposals and recommend selection of the most qualified Proposal. The selected Proposals and Proposer(s) will be ranked and may be presented to the City Commission for final selection. The City Commission retains the right to accept or reject the recommendations of the review committee and select a qualified firm which, at the sole discretion of the City Commission, is determined to be the best-qualified Proposer(s) to serve the interest of the City.

6. CONTRACT AGREEMENTS

The City anticipates entering into a contract with the Proposer who submits the proposal judged by the City to be in the best interest of the City. The City anticipates awarding one contract but reserves the right to award more than one if in its best interest. This invitation for bid does not constitute an offer or a contract with the Proposer.

A contract shall not exist until approved by the appropriate levels of authority in the City and properly executed. The Invitation to Bid shall be included in and be made a part of the final award. Enrollment in e-payables program is mandatory.

7. CLARIFICATIONS OF THE PROPOSAL

The Proposer shall examine all bid documents and shall judge all matters relating to the adequacy and accuracy of such documents. **Any inquiries, suggestions or requests concerning clarification or solicitation for additional information shall be submitted to the City in accordance with paragraph # 16 below.** Written or oral responses, as deemed appropriate, will be provided by the Chief

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Financial Officer's office. The City shall not be responsible for interpretations given by any other City employee or representatives.

8. WITHDRAWAL OF PROPOSAL

Any Proposer may withdraw their bid prior to the indicated opening time. The request for withdrawal must be submitted in writing to the Chief Financial Officer's office. After the deadline, proposals become a record of the City and will not be returned to the Proposer.

9. PROPOSAL PREPARATION EXPENSE

The Proposer preparing a bid in response to this proposal shall bear all expenses associated with its preparation. The Proposer shall prepare a bid with the understanding that no claim for reimbursement shall be submitted to the City for the expense of bid preparation and/or presentation

10. QUALIFICATIONS OF BIDDERS

This bid shall be awarded only to a responsible bidder, qualified to provide the work specified and who can produce evidence that they have established a satisfactory record of performance for a reasonable period of time; and have sufficient financial support, equipment and organization to ensure that they can satisfactorily execute the services if awarded a contract under the terms and conditions stated herein.

11. PERFORMANCE

Failure on the part of the Proposer to comply with the conditions, terms, specifications and requirement of the bid shall be just cause for the cancellation of the bid award.

12. BID BOND, PERFORMANCE BOND, AND PAYMENT BOND

A Bid Bond is required in the amount of 1.5% of the total bid amount. A Performance Bond pursuant to 255.05, FL. Stat. in the amount of the total bid shall be required.

13. COLLUSION

By affixing its signature to this proposal, the Proposer certifies that its proposal is made without any previous understanding, agreement, or connection with either any

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previous firms or corporations offering a Bid for the same items, or with the City. The Proposer also certifies that its bid is in all respects fair and without outside control, collusion, fraud, or otherwise illegal action.

14. COPYRIGHT OR PATENT RIGHTS

The Proposer warrants that there has been no violation of copyright or patent rights in manufacturing, producing or selling the goods shipped or ordered as a result of this bid. The seller agrees to hold the City harmless for all liability, loss or expense occasioned by any such violation.

15. DRUG FREE WORKPLACE

In accordance with Florida Statutes, §287.087, preference will be given to businesses with drug free workplace programs; whenever bids are similar in all other respects, and, when a Drug Free Workplace Certification is submitted with the bid.

16. PROJECT COORDINATORS

The project coordinators and designated liaisons for the RFP are:

Brad Kalsow, Director of Water Reclamation	Phone 321 – 868 – 3308
Email: bkalsow@cityofcocoa.beach.com	
Wayne Carragino, Project Manager	Phone 321 – 868 – 3215
Email: wcarragino@cityofcocoa.beach.com	

The City will not respond to oral inquiries. Proposers may submit written, (e-mailed or faxed) inquiries regarding this RFP to the project coordinator.

The City will record its responses to inquiries and any supplemental instructions in the form of written addenda. All written addenda will be issued through the City's website at www.cityofcocoa.beach.com. It shall be the responsibility of the Proposer, prior to submitting their proposal, to determine if addenda were issued, acknowledging same, and incorporating them into their proposal.

17. CONTACT PROHIBITION

All prospective proposers are hereby instructed NOT to contact any member of the City of Cocoa Beach Commission, City Manager, City Clerk, City Attorney or other City of Cocoa Beach staff member other than the Project Coordinator identified in this Solicitation, or their designated Procurement staff member, regarding this solicitation package, or their submittal package, City's Intent to Award, or City's Intent to Reject (if applicable) at any time prior to the FORMAL AWARD for this project. Any such contact shall be cause for rejection of your submittal.

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18. PUBLIC ENTITY CRIME INFORMATION STATEMENT

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 for CATEGORY TWO (\$15,000.00) for a period of 36 months from the date of being placed on the convicted vendor list.

19. DISCLOSURE AND OWNERSHIP OF DOCUMENTS STATEMENT

The Proposer must agree to the following regarding disclosure and ownership of documents:

- A. **Public Record.** The submitted Proposal and any record, document, computerized information and program, audio or video tape, photograph, other writing, or other record of the selected Proposer(s) related, directly or indirectly, to the work identified in the proposal, or any task necessary to complete the final work product shall be deemed to be a public record whether in the possession or control of the City or the selected Proposer(s). Said public record of the Proposer(s) is subject to the provisions of Chapter 119, Florida Statutes, and may not be destroyed without the specific written approval of the City Clerk. Upon request by the City, the selected Proposer(s) shall supply copies of said records to the City.
- B. **Reuse of Documents.** The City for any reason or purpose may reuse all documents or public records prepared by the selected Proposer(s) at any time.
- C. **Ownership of Documents.** Upon payment of fees due to the selected Proposer(s), as agreed in the final Contract, all drawings, recommendations, documents, writing, schedule or otherwise, prepared by the selected Proposer(s) in the performance of the scope of work shall be the sole property of the City. The selected Proposer(s) agrees to waive all rights of copyright in said drawings, recommendations, documents, writing, schedule or other instrument produced by the selected Proposer(s) in the performance of the tasks necessary to complete the scope of work.

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20. INSURANCE REQUIREMENTS

Insurance Requirements are as follows:

The following are required applicable types and minimum limits of insurance coverage that the Contractor agrees to maintain during the term of this Contract:

COVERAGE	MINIMUM LIMITS
Professional Liability	\$ 1,000,000
General Liability	\$ 2,000,000
Worker's Compensation	Statutory
Auto Liability	\$300,000 per incident

21. E-VERIFY REQUIREMENTS

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of:

- a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

- b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract

22. HOUSING AND URBAN DEVELOPMENT REQUIREMENTS

The Contracted Party will comply with Section 3 of the Housing and Urban Development Act of 1968, as amended (42 U.S.C. 1701a) and with the requirements of 24 C.F. R. Part 135 requiring that to the greatest extent feasible, opportunities for training and employment be given to lower income residents of the project area and contracts for work in connection with the project area be awarded to eligible business concerns which are located in, or owned in substantial part by persons residing in the area of the project.

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EXHIBIT A

SCOPE OF WORK RFP CB 22 – 002

I. General

The CITY requires professional Cured In Place Pipe (CIPP) rehabilitation services for approximately 15.7 miles of sanitary sewer gravity mains (8" – 12" diameter), and approximately 1,385 lateral grouting contingent upon a sub-recipient agreement between the CITY and Florida Department of Economic Opportunity (DEO). The length of the scope will also be contingent upon the DEO agreement. Please refer to Exhibit A and B for further approximate line segments and maps.

II. Summary of Work

The CONTRACTOR shall provide all work required for a completed project including but not necessarily limited to labor, supervision, traffic control, materials, equipment, installation, onsite material test samples showing compliance with manufacturer's recommended material, handling and incidentals required for the rehabilitation of various sized sanitary sewer gravity mains with resin impregnated cured-in-place pipe (CIPP) in accordance with American Society for Testing and Materials (ASTM) standard F1216 and all applicable CITY, manufacturer and industry preferred standards. The CONTRACTOR shall provide professional advice to CITY on the most cost-effective and efficient approach to resolve all challenges encountered during the performance of the work. Work assigned under this contract may include, but is not limited to, the following types of projects:

- Sanitary sewer main cleaning
- Sanitary sewer main pre and post work video inspections
- Easement access
- Maintenance of Traffic (MOT)
- Isolation and by-pass pumping

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- Cured-In Place Pipe reconstruction
- Chemical and physical product testing
- Hydraulic capacity testing
- Reinstatement of services and pressure grouting
- Erosion and sediment control
- Site restoration

III. Product Performance

Standard lining products meeting product specifications outline in ASTM Designation: F1216-16 (Attachment A) are intended to have a 50-year design life and in order to minimize CITY's risk. Only proven products with substantial successful long-term track records will be approved.

Equipment/Vehicles

All CONTRACTOR/sub-contractor equipment shall be sufficient in size and number for work to be performed in a timely manner under this contract. All CONTRACTOR/sub-contractor equipment shall be maintained in good operating condition. The CITY reserves the right to reject any equipment deemed unsafe or insufficient in size and/or number to perform work under this contract. It shall be the sole responsibility of the CONTRACTOR/sub-contractor to replace rejected equipment in a timely manner and at no cost to the CITY. All equipment shall be equipped at a minimum with manufacturer's recommended sound muffling devices that will reduce noise levels to the State or Federal acceptable limit for residential neighborhoods.

IV. Materials

- A. All materials specified by name, brand or manufacturer shall be delivered to the job site in original containers. CONTRACTOR shall obtain printed instruction and special bulletins for the manufacturer-recommended safety precautions. CONTRACTOR/sub-contractor personnel will have copies of the manufacturer-recommended safety precautions available at the work site to ensure all work is performed in a safe manner.
- B. The CONTRACTOR shall use potable water from the City of Cocoa Water for the project. The CONTRACTOR must obtain a construction hydrant water meter and all appropriate fees paid prior to the start of work from the City of Cocoa Water Utilities.
The CONTRACTOR will be responsible for paying for all potable water used at

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standard City of Cocoa rates.

V. Contractor Responsibilities

- A. Backflow Prevention: The CONTRACTOR will properly install an approved backflow prevention device in-line to the fresh water fill line of all jetting and/or vacuum equipment
- B. Staffing: The CONTRACTOR shall employ adequate staff to perform the services required, including but not limited to Project Representative, Project Manager, Field Supervisor and Senior Foreman. CONTRACTOR shall provide staff who are proficient and experienced in all phases of services required.
- C. Site Assessment: The CONTRACTOR shall visit each site to assess site conditions including confirmation of the actual footage, material type and diameters and incorporate those findings in their initial cost and work proposal.
- D. Vehicle Identification: The CONTRACTOR shall ensure that employee's vehicles display company logo on the side doors and company phone numbers. The CONTRACTOR will not permit personal vehicles to be parked at the job site.
- E. License and Confined Space: The CONTRACTOR shall be a licensed CONTRACTOR for the provision of these services in the State of Florida with full service offices in the State of Florida for the provision these services.
- F. Cleaning of Sewer Lines: The CONTRACTOR shall remove and properly dispose of all debris from the inside of manholes, and sewer lines and provide a sufficiently dry interior environment that will not interfere with the installation's expected working life of a durable CIPP liner per the manufacturer's requirements.
- G. Bypassing Sewage: The CONTRACTOR shall provide for the flow of sewage around the sections of pipe designated for reconstruction as needed. The CONTRACTOR shall make the bypass by plugging the line at an existing upstream manhole and pumping the flow into a downstream manhole by way of restrained watertight pipe. The CONTRACTOR will provide pump(s) and bypass lines of adequate capacity and size to handle the average daily flow. The CONTRACTOR'S backup bypass pump(s) will be adequately sized and with full operational capabilities and will be on site at all times of by- pass pumping. The CONTRACTOR shall be responsible for all traffic control during operations and bypass pumping.
- H. TV & Inspection of Pipelines: The CONTRACTOR will inspect pipelines using experienced personnel trained in locating breaks, obstacles and service connections by closed circuit television. The CONTRACTOR will

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carefully inspect the interior of the pipeline to determine the location of any conditions which may prevent proper installation of CIPP into the pipeline; the CONTRACTOR will notify the CITY so that these conditions can be corrected. The CONTRACTOR shall review all questionable host pipe areas with the CITY and provide advice on remedies to correct them. The CONTRACTOR will maintain a video and suitable log for later reference by the CITY. The CONTRACTOR will perform the post- construction inspection and will provide a video thumb drive and log to the CITY. The CONTRACTOR will ensure that all video inspection is witnessed by a CITY representative as it is being performed. The CONTRACTOR will include the cost of video inspection in the contract line items.

- I. Manhole/Liner Interface: The CONTRACTOR shall make a watertight seal at the interface where the liner/host pipe meets the manhole or other attachment point. The CONTRACTOR'S removal of CIPP liner from areas where line placement was elected in lieu of resetting equipment shall be incidental to the placement of the CIPP.
- J. Service Reconnection: Service reconnection refers to the reinstatement of the house service connection at the sewer main after the installation of trenchless pipe reconnection system. The CONTRACTOR will accomplish this from within the sewer main via a remote-controlled pulverizing/cutting device.
- K. Service with Pressure Grouting: The CONTRACTOR will pressure grout the service wye after mainline has been rehabilitated and service line re-instated. The CONTRACTOR will use a non-shrinking chemical grout (Avanti 118/101 or Cues Quickseal 105 are acceptable). The CONTRACTOR shall provide trenchless reconstruction of service laterals and main line sewers. The CONTRACTOR shall perform services including but not limited to televised inspection, data collection, and system flow analysis and pipeline reconstruction.
- L. Safety and Worksite Control: The CONTRACTOR will provide services that include safety measures for both their workers and the public. The CONTRACTOR is completely responsible for the control of the environment of the work site during on-site operations including implementation, operation, maintenance and tear down of traffic control systems. The CONTRACTOR will take all precautions to protect the workers, public and the CITY staff from the exposure to harmful or hazardous situations and substances within the sewer systems.
- M. Waste Materials: The CONTRACTOR will dispose all waste materials and shall transport waste materials to the nearest approved Wastewater Treatment Plant for processing. The CONTRACTOR will obtain CITY approval of all waste material disposal schedules. The CONTRACTOR shall clean up all waste material spills and clean-up required due to the loading, hauling and unloading of the CONTRACTOR's equipment.

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The CONTRACTOR shall conform to any and all requirements regarding hauling and disposal of waste from each work site in accordance with OSHA regulations and those that may be mandated by federal, state or local governments. The CONTRACTOR shall ensure that all waste material transporters possess all required federal, state and local regulations, including but without limitation, 40 CFR Part 263, "Standards Applicable to Transporters of Hazardous Waste" and Chapter 17-730, Part 3, Florida Administrative Code, as may be amended from time to time.

N. Curing Water: The CONTRACTOR will pay for all costs associated with disposal of curing water in accordance with CITY, State and Federal regulations.

O. TV Inspection Report: The CONTRACTOR will prepare and submit a report

of each TV inspection and analysis to the CITY for review. The CITY shall

consult with the CONTRACTOR and finalize the scope of work.

P. Schedule Coordination: The CONTRACTOR shall inform the CITY of its planned work schedules two weeks in advance of performing the work and provide the CITY reasonable opportunity to observe and inspect the work. The CONTRACTOR will advise the CITY of all schedule changes and notified when a work site is to be left for a 24- hour period when work is not complete.

VI. Contractor / Sub-contractor Employee Conduct and Appearance

A. Conduct:

1. CONTRACTOR and sub-contractors shall follow all applicable industry standards, federal, state, and local laws/ordinances as related to described work.
2. CONTRACTOR'S on-site employees shall all have current confined space entry certification.
3. The CONTRACTOR will remove any employee or sub-contractor employee reporting to a work site under the influence and/or smelling of alcohol from the work site. CONTRACTOR will immediately replace the employee in a timely manner and at no cost to the CITY.
4. The CONTRACTOR will provide trained supervision at the work site to ensure work is performed in a safe manner.
5. The CONTRACTOR shall correct any damage resulting from the negligence of CONTRACTOR or sub-contractor employee(s) to CITY

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property or equipment in a timely manner, to the CITY's satisfaction and at the CONTRACTOR's sole expense.

B. Appearance:

1. CONTRACTOR and sub-contractor employees assigned to work under this contract will maintain a neat, clean, and professional appearance.
2. CONTRACTOR and sub-contractor employees shall wear uniforms consisting of, at minimum, wear a work shirt identifying their company name.
3. Licenses/Permits: The CONTRACTOR will obtain all necessary municipal and other governmental licenses/permits and approvals or consent from utilities or carriers such as communications companies, electric utilities, gas utilities and/or other persons/organizations upon whose property or authority performance of work under the contract might impinge.

VII. Scope of Work General Sanitary Sewer Main Lining

A. Sanitary Sewer Cleaning:

Scope: Work performed under this section includes removal and disposal of all dirt, roots, grease, solids, or semi-solids from sanitary sewer mains and manholes as indicated on the drawings and as specified herein to the extent that video inspection, flow isolation, and manhole inspection can be performed.

1. Quality Assurance: The CONTRACTOR shall conduct cleaning operations using experienced personnel who have previously been engaged in cleaning operations of similar size and complexity to the work described herein.
2. Submittals:
 - a. The CONTRACTOR shall submit a Cleaning Log in a format acceptable to the CITY for the purposes of recording pertinent information relative to the sanitary sewer structures being cleaned. The CONTRACTOR will provide the Cleaning Log no later than 14 calendar days after the conclusion of the cleaning.

B. Products:

The CONTRACTOR shall utilize cleaning equipment capable of removing all accumulated dirt, sand, grease, rocks and other deleterious materials and obstructions from the sanitary sewer mains. The CONTRACTOR will ensure that all equipment used for cleaning operations is designed and intended to

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do the type of work which is specified. The CONTRACTOR will utilize equipment which is self-contained to handle all operations, when possible. The CONTRACTOR will use equipment manufacturer that is actively engaged in the research, development and manufacturing of said equipment. The CONTRACTOR may be directed to remove equipment deemed sub-standard by the City and may be directed to replace the equipment with equipment meeting these specifications, at no additional cost to the CITY.

1. High Velocity Cleaning Equipment: The CONTRACTOR will supply all high velocity hydraulic sewer cleaning equipment mounted on trucks. The CONTRACTOR supplied equipment shall have a minimum of 500

feet of ¾ inch I.D. high pressure hose with a selection of two or more high velocity nozzles. The nozzles shall have a capacity of 30 GPM at a minimum working pressure of 1000 psi. The nozzles shall be capable of producing a scouring action from 15 to 45 in the direction of cleaning and perpendicular to the sewer axis in all size lines designated to be cleaned. The CONTRACTOR will supply a high velocity gun for washing and scouring manhole walls and floor. The gun capacity shall equal 3.5 to 27 GPM at between 200 and 800 psi. The gun shall be capable of producing flows from a fine spray to a long distance solid stream. The equipment shall carry its own 1200 gallon (minimum) water tank capable of holding corrosive or caustic cleaning, sanitizing or degreasing chemicals if required by the CITY, auxiliary engines and pumps, and hydraulically driving hose reel. All controls shall be located so that the equipment can be operated aboveground.

2. Hydraulically Propelled Cleaning Equipment: The CONTRACTOR will supply hydraulically propelled cleaning equipment of the movable dam type and be constructed in such a way that a portion of the dam may be collapsed at any time during the cleaning operation to protect against flooding of the sewer systems. Sewer cleaning balls or other such equipment which cannot be collapsed instantly to provide an immediate unobstructed flow-way during emergency conditions will not be considered as acceptable cleaning equipment. The movable dam shall be of equal diameter as the pipe being cleaned and shall provide a flexible scraper around the outer periphery to ensure total removal of the grease or obstruction.
3. Mechanical Cleaning Equipment: The CONTRACTOR will provide bucket machines in pairs with each machine powered by a minimum of a 16 horsepower engine to ensure sufficient pulling power. Each machine shall be equipped with a two speed transmission and shall be able to pull at rates of 175 feet per minute in high speed. The belt clutch gear reduction shall be a combination of approximately 83 to 1 reduction in low speed and 55 to 1 in high speed. The power rodding machine shall be of a “continuous rod” type capable of holding a minimum of 750

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feet of rod. The machine and rod shall be specially treated steel, designed for the purpose intended. The machine shall have a positive rod drive and produce a 2,000 pound rod pull. To ensure safe operation, the machine shall have a fully enclosed body and an automatic safety throw-out clutch or relief valve. The final pass shall be with a brush large enough to ensure that the line has been cleaned sufficiently. This brush shall be mechanically driven, with the power mechanism properly sized. The CONTRACTOR will arrange all electrical drops required by the CONTRACTOR.

4. Capture and Removal of Debris: The CONTRACTOR shall furnish equipment, either specialized or standard in the industry, for the purpose of preventing debris from being washed past the manhole downstream

of the line segment being cleaned, and for removing the debris from the manhole before any damage is caused to the system performance and or system equipment such as pump/lift stations, check valves, flow-ways, etc. The CONTRACTOR will bear the cost of all system down-time and repairs to restore operational status resulting from construction debris damage that in the CITY's opinion was reasonably preventable.

5. Water Metering Requirements: The CONTRACTOR will access City of Cocoa potable water via fire hydrants equipped with hydrant meters for cleaning, inversion and other work items requiring water. All costs incurred in obtaining and delivering the potable water shall be borne by the CONTRACTOR. The CONTRACTOR will use only potable water for this work.

C. Execution:

1. General: These specifications provide a basis by which a sanitary sewer line can be cleaned of all debris so that further work can be carried out. The CONTRACTOR will clean the designated sanitary sewer lines using high velocity, hydraulically propelled or mechanically powered sewer cleaning equipment as specified. The CONTRACTOR'S selection of the equipment used shall be based on the condition of the lines at the time the work commences. The CONTRACTOR will select equipment and methods that are satisfactory to the CITY. The CONTRACTOR will accomplish the cleaning of sewer lines by trapping and collecting all sand, debris, grease and other materials at the next manhole downstream of the line being cleaned, and removal and proper disposal of said materials. The CONTRACTOR'S cleaning operations may also provide a means by which the sewer line can be threaded, i.e., a cable inserted in the line so that the television camera may be pulled through. The CONTRACTOR will not clean upstream sections of pipe once that section of pipe has been televised and accepted as complete.

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2. Site Visit: The CONTRACTOR will conduct a physical reconnaissance of the area to be cleaned in order to verify the location of known and/or accepted manholes.
3. The CONTRACTOR shall utilize a magnetic locator to attempt to identify the location of buried manhole covers and notify the CITY representative so that CITY personnel can excavate and bring the manhole up to grade prior to cleaning. Under no circumstances shall the CONTRACTOR excavate buried manholes without prior written authorization from the CITY.

D. Hydraulic Cleaning Methodology:

1. High Velocity Cleaning Methodology: High velocity hydro-cleaning shall consist of cleaning and flushing of the sewer line by means of water pumped into the line at a high velocity.

The CONTRACTOR shall accomplish cleaning using approved equipment to deliver water to a self-propelled nozzle to do the necessary cleaning and flushing. The CONTRACTOR will make as many passes as necessary to sufficiently clean the sewer line. The CONTRACTOR will take all precautions to protect the sewer line from damage that might be inflicted by the improper use of cleaning equipment.

2. Hydraulically Propelled Methodology: The CONTRACTOR will take precautions to ensure that the water does not cause damage of flooding to the public or private property being served by the manhole section involved whenever hydraulically propelled cleaning tools, which depend on water pressure to provide their cleaning force, or any tools which retard the flow of water in the sewer line are used.
3. Capture and Removal of Debris: The CONTRACTOR will construct a suitable weir or dam in the downstream manhole in such a manner that both the solids and water shall be trapped when hydraulic cleaning equipment is used, shall be constructed.

E. Mechanical Cleaning Methodology:

1. Rodding: The CONTRACTOR will perform cleaning by rodding with a power-driven continuous steel rod of sufficient length and gauge with the proper cleaning heads or augers, so as to loosen all solids or other materials. It shall also provide a means to thread a cable for the power winch.
2. Supplemental Cleaning: The CONTRACTOR will perform a minimum of one pass using hydraulic cleaning methods after all material has been removed by mechanical cleaning, to ensure complete removal of material from the walls of the pipe. The CONTRACTOR will repair any damage to pipes.

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3. Capture and Removal of Debris: The CONTRACTOR will capture debris in the downstream manhole in a manner approved in writing by the CITY, or as described above when mechanical cleaning equipment is used.

F. Special Cleaning Requirements for Cast Iron Pipe:

The CONTRACTOR will clean pipes of tuberculation, including rust build-up and mineral deposits after cleaning pipe of normal sewage deposits such as sand and grease by methods above. The CONTRACTOR may choose any equipment necessary to remove the tuberculation for pipe diameters greater than 24-inch, such as a “pig” or rodder; however, no equipment shall be used which may damage the pipe, manholes, street or downstream pump stations. The CONTRACTOR will remove all tuberculation’s for pipe diameters less than or equal to 24-inch, using a high pressure water blaster capable of delivering a minimum of 40 gallons per minute at a pressure of 10,000 psi.

Where practical, the line shall be proofed by pulling a slip lining pulling head for the size of the pipe involved through the pipe to insure that no restrictions remain. The CONTRACTOR may choose a similar proofing device if deemed acceptable, in writing, by CITY.

G. Sanitary Sewer Manhole Modifications:

The CONTRACTOR will make any modifications to manholes to facilitate cleaning which will be subject to prior written approval by the CITY. CONTRACTOR shall salvage and reuse all manhole covers and rings that are removed during sewer line and manhole rehabilitation.

H. Material Removal and Cleanup:

1. Material Removal: The CONTRACTOR will remove all sludge, dirt, sand, rocks, grease and other solid or semi-solid material resulting from the cleaning operation at the downstream manhole of the section being cleaned. Passing material from manhole section to manhole section will not be permitted. Under no circumstances will the CONTRACTOR be allowed to accumulate debris, sand, etc., on the site of work beyond the time limit approved by the CITY, except in totally enclosed containers, and only with the prior written approval of the CITY. The CONTRACTOR will remove all solids or semi-solids resulting from the cleaning operations from the site and disposed of at a location approved by the CITY.

2. Root Removal: The CONTRACTOR will remove all roots. The CONTRACTOR will give special attention during the cleaning operation to assure complete removal of roots from joints in lines and manholes. The CONTRACTOR may use chemical root treatment at the option of the CITY.

When the CONTRACTOR uses chemicals to aid in removal of roots, the chemical shall be EPA registered and labeled for use in sewer lines and

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manholes and in compliance with all applicable CITY, State and Federal regulations. All material and mixing/application procedures for chemical root treatment shall be consistent with the latest standards, requirements and recommendations of the manufacturer of the chemical root treatment material used. The CONTRACTOR shall protect waterways, ponds and other water bodies from chemical contamination.

- I. Degree of Cleaning:** The CONTRACTOR will remove all dirt, debris, roots and other solid and liquid materials from the sections of sewer system being cleaned to the extent that closed circuit television inspection can be performed. A CITY representative shall define the extent of the cleaning to be performed on existing pipes included within a given work order. The level of cleaning is defined as follows:
1. Light Cleaning: The removal of $\frac{1}{4}$ pipe diameter depth or less of sand and/or debris from a section of pipe. The removal of roots and/or tuberculation will be paid under a separate line item.
 2. Medium Cleaning: The removal of greater than $\frac{1}{4}$ and up to and including $\frac{1}{2}$ pipe diameter depth of sand and/or debris from a section of pipe. The removal of roots and/or tuberculation will be paid under a separate line item.
 3. Heavy Cleaning: The removal of greater than $\frac{1}{2}$ pipe diameter depth of sand and/or debris from a section of pipe. The removal of roots and/or tuberculation will be paid under a separate line item.
- J. Dewatering:** When by CITY and CONTRACTOR prior inspection and agreement it is determined that the pipe cannot be cleaned due to infiltration of groundwater, and the CONTRACTOR is required to temporarily halt the infiltration of groundwater by de-watering system means, the cost shall be included in the unit prices for cleaning as an incidental cost..
- K. Manhole Clean-up:** Clean-up operations shall consist of cleaning all debris out of the manhole and off the ground around the manhole. The CONTRACTOR will remove all debris from the sanitary sewer system and shall disposed of such debris properly off site in areas provided by the CONTRACTOR at the CONTRACTOR'S expense. The CONTRACTOR will provide transportation of debris or other material by the CONTRACTOR in vehicles or equipment which contain the debris or other material in such a manner to minimize objectionable odor and avoid the possibility of dripping, spilling, scattering, leaking or blowing. The CONTRACTOR will clean up any debris or other material to the satisfaction of the CITY or other authorities having jurisdiction should spillage of debris resulting from overloading of trucks or for any other reason. The CONTRACTOR will ensure that all vehicles transporting debris or other material do not exceed the maximum allowable load limits of any road being used.

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L. Restoration: The CONTRACTOR will repair all damage to public and/or private property which occurs as a direct result of the cleaning operations. The cost of restoring any damaged area to conditions prior to cleaning shall be borne by the CONTRACTOR.

M. Additional Cleaning: The CONTRACTOR will re-clean the line at no additional expense to the CITY should subsequent video inspection of cleaned sewers reveal that additional cleaning is required. The CONTRACTOR will provide any additional video inspection or re-setup of video equipment required due to re-cleaning at no additional expense to the CITY.

N. Pre- and Post-Work Inspections

The CONTRACTOR will video tape the sewer lines under the direct supervision of a CITY representative, prior to commencement of any proposed CIPP work and prior to acceptance of any completed CIPP work,. A CITY representative must be on site during the entire inspection procedure period. In the event the CONTRACTOR performs video inspection without a CITY representative present, the video will not be accepted by the CITY and must be re-done in the presence of a CITY representative. The CONTRACTOR will provide one (1) copy of the thumb drive video and associated video logs to the CITY prior to scheduling the post-cleaning and final inspections. CONTRACTOR shall meet with CITY staff to determine the acceptable method of repair if defects or problems are observed on the video. The CONTRACTOR will make all necessary repairs or correct the noted deficiencies at no cost to the CITY.

The CONTRACTOR will provide mandatory television inspection on all sewer mains that CIPP work has been performed under this contract. Only pan and tilt type cameras will be allowed. The CONTRACTOR will provide two (2) copies each of the written report and thumb drive video record of the inspection with audible description of run, direction, location and description of any defect or abnormality to the CITY at the time of the inspection. The video will be in color with good clarity. No black and white or poor quality videos will be accepted. The CONTRACTOR will schedule television inspection a minimum of seventy-two (72) hours in advance and a CITY representative is required to be on-site during entire length of each television inspection; otherwise the television inspection will be deemed invalid. The CONTRACTOR will clean all lines prior to videoing in accordance with Technical Specifications.

O. Maintenance of Traffic (MOT)

CONTRACTOR shall furnish all traffic control in accordance with the Florida Department of Transportation (FDOT) specifications as outlined in the "Design Standards for Design, Construction, Maintenance and Utility

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Operations on the State Highway System” (latest edition) and the United States Department of Transportation/Federal Highway Administration (USDOT/FHWA) “Manual on Uniform Traffic Control Devices” (latest edition) for all aspects of assigned work.

CONTRACTOR shall perform all construction activity so that access to businesses can be maintained at all times and access to occupied homes can be maintained during non-working hours. The CONTRACTOR will provide written notice prior to access blockage to the blocked business/resident a minimum of forty-eight (48) hours in advance, either mailed or hand-delivered with a copy of each furnished to the CITY.

The CONTRACTOR shall maintain at least one lane of vehicular traffic at all times. The CONTRACTOR shall also provide safety barricades, business entrance signage and flag persons as required to properly maintain traffic flow. The CONTRACTOR shall prepare and submit a traffic maintenance plan for approval by the CITY prior to the start of work if directed by the CITY. The CONTRACTOR will include the cost of all work, materials and costs required for completed traffic control in the unit cost of the traffic control pay items in the pricing sheet.

P. Locates

CONTRACTOR is responsible for all utility locates.

Q. Isolation and Bypass Operations

1. CONTRACTOR shall provide all isolation and bypass operations: The CONTRACTOR’s objective of flow bypass and/or diversion pumping is to maintain an efficient and uninterrupted level of service to wastewater collection system users while maintenance or construction operations (including rehabilitation, repair or replacement) are being performed on the segment(s) being bypassed and/or from which flow is being diverted by:
 - a. Ensuring that bypass and diversion pumps are adequately fueled, lubricated and maintained.
 - b. Ensuring backup spare parts are expeditiously applied to the flow bypass and/or diversion pumping system in the event of component breakdown.
 - c. Ensure an emergency backup plan is smoothly implemented in the event of system failure.
 - d. Preventing backup, spillage, flooding or overflow onto streets, yards and unpaved areas or into building, adjacent ditches, stormwater mains and waterways while flow bypass or diversion pumping takes place, and
 - e. Ensuring that installation, startup and subsequent disassembly of the flow bypass and diversion pumping system is smoothly transitioned.

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2. The CONTRACTOR will provide flow bypass and diversion pumping in such a manner so as not to damage private or public property or create a nuisance or public menace. The CONTRACTOR will enclose the pumped sewage in a hose or pipe that is adequately protected from traffic and shall be redirected into the wastewater collection system. The CONTRACTOR will return flow to the sewer and will remove all temporary equipment after the work is completed.
3. The CONTRACTOR will provide an experienced bypass/diversion pump maintenance operator/mechanic and/or deputy on site continuously to monitor the operation of the entire bypass/diversion system when pumps are operating. The operator/mechanic shall comprehensively, methodically and continuously:
 - a. Adjust pump speed as appropriate so as not to adversely impact upstream or downstream flow condition levels
 - b. Check that the effectiveness and security of bulkheads, dams, diaphragms, plugs, valves, weirs and all other flow control devices are working effectively and according to plan.
 - c. Check the integrity of hoses and couplings along the entire bypass/diversion system.
 - d. Monitor lubrication levels and top off as necessary
 - e. Facilitate minor repairs as required
 - f. Report to CITY on problems arising.
4. The CONTRACTOR shall plan and execute sewer flow control, bypass and diversion pumping operations. The CONTRACTOR shall be entirely liable for damages to private or public property that may result from his/her operations and for all cleanup, disinfection, damages, and resultant fines in the event of spillage, flooding or overflow.
5. The CONTRACTOR shall immediately stop the overflow and take action to clean up and disinfect the spillage in the event of accidental overflow or spillage. The CONTRACTOR shall notify the CITY immediately and in any event not less than twenty-four (24) hours following the occurrence.

The CONTRACTOR is deemed to be entirely responsible should fines be subsequently imposed as a direct result of the overflow or spillage and the CONTRACTOR shall pay such fines as are imposed by the authorities. The CITY shall pay no fine(s) where it is shown the CONTRACTOR was entirely responsible for any overflow or spillage.
6. The CONTRACTOR shall complete work as efficiently as possible without interruption once by-pass pumping is underway at any given site.
7. The CONTRACTOR will ensure the level of noise emitted from pumps is within local regulations/ordinance parameters.

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R. Work Integration

1. Hours of Operation: The CONTRACTOR will conduct all work during CITY acceptable work hours (typically 7:00 a.m. to 5:00 p.m.), Monday through Friday with the exception of CITY-observed events or holidays, unless circumstances prevent such scheduling. Such circumstances may include, but are not limited to, structures with high peak flows, significant negative impact on business or schools or excessive pedestrian and vehicular traffic flow if structure is located in vehicular or pedestrian thoroughfare. In such circumstances, “off hours” work will be required. This work may include late night and/or early morning hours and weekends. Such scheduling shall be agreed upon by both the CONTRACTOR and the CITY prior to the start of work. CONTRACTOR overtime and other CONTRACTOR-related costs shall be borne by the CONTRACTOR.
2. Work Coordination: The CONTRACTOR shall coordinate all work between a single point of contact for the CONTRACTOR and the CITY designated project manager. The CONTRACTOR will conduct discussion of structure conditions before work starts and final payment based on conditions agreed to at time of commencement of work or in subsequently approved change orders.
3. The CONTRACTOR will notify the CITY a minimum of seventy-two (72) hours prior to the commencement of work in order for CITY personnel to be available for onsite activities.

S. Work Product Submittals

1. Bypass Pumping: The CONTRACTOR will provide submittals for the by-pass pumping plan and those plans approved no less than two weeks prior to execution of the work. The CONTRACTOR will not mobilize prior to approval of the pumping plan.
2. Videotaping: CONTRACTOR will submit one copy of each of two video inspections; one prior to the start of work and one after CIPP lining is completed for each project. The video shall be of *high visual quality with complete and clear annotation on screen* to trace the route of camera travel and accurately determine the pipe condition in compatibility with the route and inspection information in the condition assessment log.

T. Site Restoration

The CONTRACTOR shall restore the work site(s) on a daily basis where practical. The CONTRACTOR will clear all obstructions from roadways, sidewalks, bike paths and other public thoroughfares daily, to the largest extent possible. The CONTRACTOR will not create a public nuisance during

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restoration activities. The CONTRACTOR will complete all restoration activities within a minimum of fourteen (14) calendar days of work being

finished in a work area. Site restoration is ancillary item for the CIPP reconstruction and shall be included in the LF cost.

U. Ordering and Payment

1. Work will be ordered by the City through delivery of a work order request e-mail that includes a due date for the work order proposal to be submitted, a brief description of the work to be done and an aerial map with a schematic detail of the pipe system. The work order request will include a request for a fee and a time for completion. The City's work order request to the Contractor is based on an annual prioritized list of projects or a request from the Field Operations staff. It may or may not include the need for special conditions such as a compressed timeframe for response and the work schedule based upon the urgency/conditions such as an impending or partial road collapse. Acceptance of the work order proposal shall be documented by issuance of a City Purchase Order. Work shall not commence until issuance of an electronic Notice to Proceed (i.e., an email) for the work order.
2. The CONTRACTOR will submit monthly invoices to the CITY inspector for review and agreement prior to submitting to the CITY project manager for final acceptance and processing of payment.

V. Mobilization: Mobilization charges shall include movement of equipment and material to and from the site and other costs not included as a separate line item to commence work on a work authorization.

W. Line Reconstruction

1. **Sanitary:** Includes open cut and installation of SDR-26 PVC Sanitary Sewer. Furnished and Installed. Open cut and Construct Sanitary Sewer line includes all labor, materials, and equipment necessary for dewatering, excavation, sheeting, shoring bracing installation of SDR26 PVC sanitary sewer, rigid fernco connections or manhole boots as required, pipeline identification and warning tape, disposal of excess material and old pipe, suitable backfill, replacement of existing improvements, pavement repair, testing, sodding and cleanup.
2. **Sanitary:** Includes open cut installation of C900 Sanitary sewer. Furnished and Installed. Open cut and Construct Sanitary Sewer line includes all labor, materials, and equipment necessary for dewatering, excavation, sheeting, shoring bracing installation of C900 sanitary sewer, rigid fernco connections or manhole boots as required, pipeline identification and warning tape, disposal of excess material and old pipe, suitable backfill,

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replacement of existing improvements such as connections, testing, sodding and cleanup

- X. Grout Fill Abandoned Lines** Grout fill will be required where the City determines it best to replace the entire line in a different alignment. The unit price will be paid by the cubic yard. Payment will be for the furnishing and placement of the grout mixture and will include all necessary excavation, connections, restoration and all other accommodations to properly perform the work.

- Y. Manhole Cleaning** the CONTRACTOR will remove all dirt, debris, roots and other solid and liquid materials from the sections of sewer manhole being cleaned to the extent that closed circuit television inspection can be performed.

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EXHIBIT B

PRICING RFP CB 22 – 002

Payment shall be made on a draw basis, based on work completed (to be determined at pre-construction meeting). The City reserves the right to request that the contractor accept payments by credit card.

CIPP REHABILITATION -SANITARY SEWER MAINS

Table A - 8 Inch Diameter

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
A-1	6.0 mm normal thickness (.236")	65,500	LF	\$ -	\$ -
				TOTAL A	\$ -

Table B - 10 Inch Diameter

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
B-1	6.0 mm normal thickness (.236")	10,000	LF	\$ -	\$ -
				TOTAL B	\$ -

Table C - 12 Inch Diameter

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
C-1	7.5 mm normal thickness (.236")	7,500	LF	\$ -	\$ -
				TOTAL C	\$ -

CLEAN AND INSPECTION - SANITARY SEWER MAINS

Table D - Cleaning and Inspection

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
D-1	8" - 12" diameter	83,000	LF	\$ -	\$ -
				TOTAL D	\$ -

Table E - Root Removal

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
E-1	8" - 12" diameter	10,000	LF	\$ -	\$ -
				TOTAL E	\$ -

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Table F - Tuberculation Cleaning

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
F-1	8-to-12-inch diameter	5,000	LF	\$ -	\$ -
				TOTAL F	\$ -

Table G - Sanitary Sewer Lateral Grout

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
G-1	Lateral Grout	1,385	EA	\$ -	\$ -
				TOTAL G	\$ -

ANCILLARY GENERAL SERVICES

Table H - Ancillary General Services - By-Pass Pumping

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
H-1	8 inch diameter	65,500	LF	\$ -	\$ -
H-2	10 inch diameter	10,000	LF	\$ -	\$ -
H-3	12 inch diameter	7,500	LF	\$ -	\$ -
				TOTAL H	\$ -

Table I - Ancillary General Services Standard Service Reconnection

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
I-1	Standard Service Reconnection	1,385	Each	\$ -	\$ -
				TOTAL I	\$ -

Table J - Ancillary General Services Traffic Control FDOT Right of Way

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
J-1	Flagman		LS	\$ -	\$ -
J-2	Arrow Board		LS	\$ -	\$ -
J-3	Barricades		LS	\$ -	\$ -
J-4	Lane Dividers		LS	\$ -	\$ -
				TOTAL J	\$ -

Table K - Ancillary General Services Traffic Control City Right of Way

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
K-1	Flagman		LS	\$ -	\$ -
K-2	Arrow Board		LS	\$ -	\$ -
K-3	Barricades		LS	\$ -	\$ -
K-4	Lane Dividers		LS	\$ -	\$ -
				TOTAL K	\$ -

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Table L - Ancillary General Services Easement Access

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
L-1	6-to-12-inch diameter	10,000	LF	\$ -	\$ -
				TOTAL L	\$ -

Table M - Ancillary General Services Mobilization

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
M	Mobilization	2	Lump Sum	\$ -	\$ -
				TOTAL M	\$ -

Table N - Ancillary General Services Bonds

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
N-1	Bonds	1.5	Percentage	\$ -	\$ -
				TOTAL N	\$ -
	TOTAL ESTIMATED BID AMOUNT				\$ -

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EXHIBIT C

LINE SEGMENTS RFP CB 22 – 002

All Segments are Approximate Lengths

Date:		1/9/2022									
Job Name:		City of Cocoa Beach Gravity Sewer Rehabilitation									
Job Number:		Lift Station 1 Service Area									
Shot Number	Segment Number	Up MH No.	Down MH No.	LOCATION	DIA. in plan	THK. mm plan	LENGTH ft plan	DEPTH inv plan	PIPE Type	TAPS # plan	COMMENTS
	1	1	2	S. Atlantic Avenue	8		291	6	VCP		
	2	2	3	S. Atlantic Avenue	8		161	6	VCP		
	3	3	5	S. Atlantic Avenue	8		346	6	VCP		
	4	5	6	S. Atlantic Avenue	8		189	6	VCP		
	5	6	7	S. Atlantic Avenue	8		237	6	VCP		
	6	8	7	S. Atlantic Avenue	8		320	6	VCP		
	7	7	12	4th Street South	8		58	6	VCP		
	8	9	8	S. Atlantic Avenue	8		349	6	VCP		
	9	10	9	S. Atlantic Avenue	8		353	6	VCP		
	10	11	10	S. Atlantic Avenue	8		249	6	VCP		
	11	12	13	4th Street South	8		10	6	VCP		
	12	13	14	4th Street South	8		139	6	VCP		
	13	16	14	Easement (4-5)	8		249	6	VCP		
	14	14	17	4th Street South	8		144	6	VCP		
	15	15	16	Easement (4-5)	8		300	6	VCP		
	16	17	18	4th Street South	8		20	6	VCP		
	17	18	19	4th Street S. Crossover	8		56	6	VCP		
	18	19	38	S. Orlando Avenue	8		335	6	VCP		
	19	45	19	4th Street South	8		149	6	VCP		
	20	20	21	S. Atlantic Avenue	8		295	6	VCP		
	21	21	22	S. Atlantic Avenue	8		278	6	VCP		
	22	22	23	S. Atlantic Avenue	8		226	6	VCP		
	23	23	24	S. Atlantic Avenue	8		251	6	VCP		
	24	24	25	Alleyway	8		64	6	VCP		
	25	59	24	S. Atlantic Avenue	8		188	6	VCP		
	26	25	26	Alleyway	8		158	6	VCP		
	27	26	27	Alleyway	8		144	6	VCP		
	28	28	26	Alleyway	8		219	6	VCP		
	29	27	30	Orlando Crossover	8		57	6	VCP		
	30	29	28	Alleyway	8		203	6	VCP		
	31	186	30	S. Orlando Avenue	8		220	6	VCP		
	32	194	188	S. Orlando Avenue	8		109	6	VCP		
	33	190	188	S. Orlando Avenue	8		35	6	VCP		
	34	30	194	S. Orlando Avenue	8		36	6	VCP		

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Date:	1/9/2022
Job Name:	City of Cocoa Beach Gravity Sewer Rehabilitation
Job Number:	Lift Station 1 Service Area

Shot Number	Segment Number	Up MH No.	Down MH No.	LOCATION	DIA. in plan	THK. mm plan	LENGTH ft plan	DEPTH inv plan	PIPE Type	TAPS # plan	COMMENTS
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	35	31	32	Easement (1-2)	8		249	6	VCP		
	36	32	33	Easement (1-2)	8		296	6	VCP		
	37	33	34	2nd Street South	8		153	6	VCP		
	38	41	33	Easement (2-3)	8		375	6	VCP		
	39	34	35	2nd Street South	8		55	6	VCP		
	40	35	36	S. Orlando Avenue	8		66	6	VCP		
	41	40	35	S. Orlando Avenue	8		317	6	VCP		
	42	36	183	S. Orlando Avenue	8		237	6	VCP		
	43	38	39	S. Orlando Avenue	8		320	6	VCP		
	44	39	40	S. Orlando Avenue	8		324	6	VCP		
	45	42	41	Easement (2-3)	8		234	6	VCP		
	46	43	44	Easement (4-5)	8		325	6	VCP		
	47	44	45	Easement (4-5)	8		300	6	VCP		
	48	46	47	S. Brevard Avenue	8		383	6	VCP		
	49	47	48	S. Brevard Avenue	8		387	6	VCP		
	50	48	49	S. Brevard Avenue	8		386	6	VCP		
	51	49	50	S. Brevard Avenue	8		383	6	VCP		
	52	50	51	S. Brevard Avenue	8		385	6	VCP		
	53	51	52	S. Brevard Avenue	8		384	6	VCP		
	54	55	52	City Hall Parking	8		185	6	VCP		
	55	52	56	S. Brevard Avenue	8		84	6	VCP		
	56	56	57	S. Brevard Avenue	8		12	6	VCP		
	57	58	56	S. Brevard Avenue	8		46	6	VCP		
	58	188	58	Minutemen Causeway	8		269	6	VCP		
	59	60	59	Minutemen Causeway	8		194	6	VCP		
	60	62	59	N. Atlantic Avenue	8		156	6	VCP		
	61	61	66	Alleyway	8		95	6	VCP		
	62	63	62	N. Atlantic Avenue	8		112	6	VCP		
	63	64	63	N. Atlantic Avenue	8		348	6	VCP		
	64	67	66	Alleyway	8		194	6	VCP		
	65	66	85	Alleyway	8		161	6	VCP		
	66	68	67	Alleyway	8		265	6	VCP		
	67	80	81	N. Orlando Avenue	8		300	6	VCP		
	68	81	93	N. Orlando Avenue	8		325	6	VCP		
	69	82	83	N. Orlando Avenue	8		176	6	VCP		
	70	93	82	N. Orlando Avenue	8		25	6	VCP		
	71	83	84	N. Orlando Avenue	8		306	6	VCP		
	72	85	84	Orlando Crossover	8		52	6	VCP		
	73	94	84	Alleyway	8		250	6	VCP		
	74	84	190	N. Orlando Avenue	8		191	6	VCP		
	75	183	185	S. Orlando Avenue	8		329	6	VCP		
	76	185	186	S. Orlando Avenue	8		250	6	VCP		
				TOTALS			16,323				

CITY OF COCOA BEACH
REQUEST FOR PROPOSAL NUMBER CB 22 – 002
GRAVITY SEWER REHABILITATION PROJECT

Date:		1/9/2022										
Job Name:		City of Cocoa Beach Gravity Sewer Rehabilitation										
Job Number:		Lift Station 3 Service Area										
Shot Number	Segment Number	Up MH No.	Down MH No.	LOCATION	DIA. in plan	THK. mm plan	LENGTH ft plan	DEPTH inv plan	PIPE Type	TAPS # plan	COMMENTS	
	1	1	2	S. Atlantic Avenue	8		327	6	VCP			
	2	2	3	S. Atlantic Avenue	8		331	6	VCP			
	3	3	4	S. Atlantic Avenue	8		321	6	VCP			
	4	4	5	S. Atlantic Avenue	8		324	6	VCP			
	5	5	6	S. Atlantic Avenue	8		326	6	VCP			
	6	6	7	S. Atlantic Avenue	8		321	6	VCP			
	7	8	7	S. Atlantic Avenue	8		308	6	VCP			
	8	7	20	13 Street South	8		224	6	VCP			
	9	9	8	S. Atlantic Avenue	8		343	6	VCP			
	10	10	9	S. Atlantic Avenue	8		352	6	VCP			
	11	11	10	S. Atlantic Avenue	8		297	6	VCP			
	12	12	11	S. Atlantic Avenue	8		252	6	VCP			
	13	13	12	S. Atlantic Avenue	8		397	6	VCP			
	14	30	12	?	8		75	6	VCP			
	15	14	15	Easement (10-11)	8		299	6	VCP			
	16	15	16	Easement (10-11)	8		323	6	VCP			
	17	16	17	Easement (11-12)	8		335	6	VCP			
	18	17	18	Easement (11-12)	8		321	6	VCP			
	19	18	19	Easement (12-13)	8		346	6	VCP			
	20	19	20	Easement (12-13)	8		300	6	VCP			
	21	21	20	Easement (13-14)	8		311	6	VCP			
	22	20	28	13 Street South	8		177	6	VCP			
	23	22	21	Easement (13-14)	8		338	6	VCP			
	24	23	22	Easement (14-15)	8		276	6	VCP			
	25	24	23	Easement (14-15)	8		372	6	VCP			
	26	25	24	Easement (15-16)	8		136	6	VCP			
	27	26a	25	Easement (15-16)	8		289	6	VCP			
	28	27	26	Easement (15-16)	8		46	6	VCP			
	29	26	26a	Easement (15-16)	8		132	6	VCP			
TOTALS								8199.9				

CITY OF COCOA BEACH
REQUEST FOR PROPOSAL NUMBER CB 22 – 002
GRAVITY SEWER REHABILITATION PROJECT

Shot Number	Segment Number	Up MH No.	Down MH No.	LOCATION	DIA. in plan	THK. mm plan	LENGTH ft plan	DEPTH inv plan	PIPE Type	TAPS # plan	COMMENTS
		Date: 1/9/2022									
		Job Name: City of Cocoa Beach Gravity Sewer Rehabilitation									
		Job Number: Lift Station 5 Service Area									
1		21	22	N. Banana River	8		164	6	VCP		
2		18	21	N. Banana River	8		137	6	VCP		
3		1	2	Kent Drive	8		412	6	VCP		
4		2	3	Kent Drive	8		398	6	VCP		
5		3	4	Kent Drive	8		401	6	VCP		
6		4	5	Kent Drive	8		110	6	VCP		
7		5	6	N. Banana River	8		128	6	VCP		
8		130	5	N. Banana River	8		69	6	VCP		
9		75	74	Ocean Beach Blvd.	8		78	6	VCP		
10		6	7	N. Banana River	8		340	6	VCP		
11		7	8	N. Banana River	8		138	6	VCP		
12		8	9	N. Banana River	8		373	6	VCP		
13		10	9	W. Alachua Lane	8		351	6	VCP		
14		9	12	N. Banana River	8		151	6	VCP		
15		11	10	W. Alachua Lane	8		352	6	VCP		
16		13	12	Brightwaters Drive	8		406	6	VCP		
17		14	13	Brightwaters Drive	8		400	6	VCP		
18		15	14	Brightwaters Drive	8		401	6	VCP		
19		16	15	Brightwaters Drive	8		431	6	VCP		
20		17	16	Brightwaters Drive	8		371	6	VCP		
21		19	18	W. Leon Lane	8		351	6	VCP		
22		20	19	W. Leon Lane	8		349	6	VCP		
23		23	22	W. Pasco Lane	8		350	6	VCP		
24		22	25	N. Banana River	8		286	6	VCP		
25		24	23	W. Pasco Lane	8		350	6	VCP		
26		26	25	W. Osceola Lane	8		295	6	VCP		
27		36	25	W. Osceola Lane	8		346	6	VCP		
28		25	38	N. Banana River	8		336	6	VCP		
29		26	27	Fairway	8		258	6	VCP		
30		32	26	W. Osceola Lane	8		288	6	VCP		
31		47	46	Carmine Drive	8		455	6	VCP		
32		30	27	Dorset Drive	8		400	6	VCP		
33		50	34	Dorset Drive	8		279	6	VCP		
34		31	30	Dorset Drive	8		400	6	VCP		
35		33	32	W. Osceola	8		300	6	VCP		
36		34	33	W. Osceola	8		304	6	VCP		
37		35	34	Dorset Drive	8		201	6	VCP		
38		37	36	W. Osceola Lane	8		350	6	VCP		
39		39	38	W. Park Lane	8		347	6	VCP		
40		38	41	N. Banana River	8		211	6	VCP		
41		40	39	W. Park Lane	8		352	6	VCP		
42		43	42	Carmine Drive	8		288	6	VCP		
43		42	51	N. Banana River	8		115	6	VCP		
44		44	43	Carmine Drive	8		398	6	VCP		
45		48	43	Fairway	8		371	6	VCP		
46		45	44	Carmine Drive	8		402	6	VCP		
47		46	45	Carmine Drive	8		372	6	VCP		
48		49	48	Dorset Drive	8		400	6	VCP		
49		50	49	Dorset Drive	8		401	6	VCP		
50		52	51	W. Gadsden Lane	8		347	6	VCP		
51		51	86	N. Banana River	8		273	6	VCP		

CITY OF COCOA BEACH
REQUEST FOR PROPOSAL NUMBER CB 22 – 002
GRAVITY SEWER REHABILITATION PROJECT

Date:		1/9/2022									
Job Name:		City of Cocoa Beach Gravity Sewer Rehabilitation									
Job Number:		Lift Station 5 Service Area									
Shot Number	Segment Number	Up MH No.	Down MH No.	LOCATION	DIA. in plan	THK. mm plan	LENGTH ft plan	DEPTH inv plan	PIPE Type	TAPS # plan	COMMENTS

	52	53	52	W. Gadsden Lane	8		331	6	VCP		
	53	54	53	W. Gadsden Lane	8		40	6	VCP		
	54	55	54	A1A Crossover	8		99	6	VCP		
	55	56	55	E. Gadsden Lane	8		48	6	VCP		
	56	57	56	E. Gadsden Lane	8		299	6	VCP		
	57	58	57	E. Gadsden Lane	8		459	6	VCP		
	58	59	58	Ocean Beach Blvd.	8		327	6	VCP		
	59	76	58	Ocean Beach Blvd.	8		298	6	VCP		
	60	60	59	E. Park Lane	8		351	6	VCP		
	61	62	59	Ocean Beach Blvd.	8		329	6	VCP		
	62	61	60	E. Park Lane	8		350	6	VCP		
	63	63	62	E. Osceola Lane	8		351	6	VCP		
	64	65	62	Ocean Beach Blvd.	8		322	6	VCP		
	65	64	63	E. Osceola Lane	8		356	6	VCP		
	66	66	65	E. Pasco Lane	8		346	6	VCP		
	67	68	65	Ocean Beach Blvd.	8		254	6	VCP		
	68	67	66	E. Pasco Lane	8		355	6	VCP		
	69	69	68	E. Leon Lane	8		352	6	VCP		
	70	71	68	Ocean Beach Blvd.	8		291	6	VCP		
	71	70	69	E. Leon Lane	8		351	6	VCP		
	72	72	71	E. Alachua Lane	8		399	6	VCP		
	73	74	71	Ocean Beach Blvd.	8		224	6	VCP		
	74	73	72	E. Alachua Lane	8		297	6	VCP		
	75	77	76	E. Suwannee Lane	8		350	6	VCP		
	76	79	76	Ocean Beach Blvd.	8		276	6	VCP		
	77	78	77	E. Suwannee Lane	8		351	6	VCP		
	78	80	79	E. Volusia Lane	8		346	6	VCP		
	79	82	79	Ocean Beach Blvd.	8		216	6	VCP		
	80	81	80	E. Volusia Lane	8		350	6	VCP		
	81	83	82a	Easement	8		298	6	VCP		
	82	82a	82	Easement	8		80	6	VCP		
	83	85	82	Ocean Beach Blvd.	8		189	6	VCP		
	84	84	83	Easement	8		279	6	VCP		
	85	87	86	W. Suwannee Lane	8		353	6	VCP		
	86	89	86	Barello Lane	8		348	6	VCP		
	87	86	93	N. Banana River	8		290	6	VCP		
	88	88	87	W. Suwannee Lane	8		344	6	VCP		
	89	90	89	Barello Lane	8		344	6	VCP		
	90	91	90	Barello Lane	8		343	6	VCP		
	91	92	91	Barello Lane	8		286	6	VCP		
	92	94	93	W. Volusia Lane	8		336	6	VCP		
	93	93	97	N. Banana River	8		126	6	VCP		
	94	95	94	W. Volusia Lane	8		276	6	VCP		
	95	96	95	W. Volusia Lane	8		84	6	VCP		
	96	98	97	Angelo Lane	8		70	6	VCP		
	97	97	102	N. Banana River	8		210	6	VCP		
	98	99	98	Angelo Lane	8		294	6	VCP		
	99	99a	99	Angelo Lane	8		305	6	VCP		
	100	100	99a	Angelo Lane	8		292	6	VCP		
	101	101	100	Angelo Lane	8		294	6	VCP		
	102	102	103	N. Banana River	8		53	6	VCP		
	103	104	103	Columbia Lane	8		251	6	VCP		
	104	103	107	N. Banana River	8		168	6	VCP		
	105	105	104	Columbia Lane	8		218	6	VCP		
	106	106	105	Columbia Lane	8		207	6	VCP		
	107	108	107	N. Banana River	8		34	6	VCP		
	108	131	132	S. Shepard Drive	8		401	6	VCP		
	109	133	132	S. Shepard Drive	8		400	6	VCP		
				TOTALS			31675				

CITY OF COCOA BEACH
REQUEST FOR PROPOSAL NUMBER CB 22 – 002
GRAVITY SEWER REHABILITATION PROJECT

Date:		1/9/2022									
Job Name:		City of Cocoa Beach Gravity Sewer Rehabilitation									
Job Number:		Lift Station 6 Service Area									
Shot Number	Segment Number	Up MH No.	Down MH No.	LOCATION	DIA. in plan	THK. mm plan	LENGTH ft plan	DEPTH inv plan	PIPE Type	TAPS # plan	COMMENTS
1	1	2		S. Brevard Avenue	8		349	6	VCP		
2	2	3		S. Brevard Avenue	8		149	6	VCP		
3	3	5		S. Brevard Avenue	8		98	6	VCP		
4	5	6		S. Brevard Avenue	8		404	6	VCP		
5	6	11		S. Brevard Avenue	8		397	6	VCP		
6	11	12		S. Brevard Avenue	8		191	6	VCP		
7	12	20		S. Brevard Avenue	8		148	6	VCP		
8	27	28		S. Brevard Avenue	8		332	6	VCP		
9	20	21		S. Brevard Avenue	8		71	6	VCP		
10	21	22		9 Street South	8		13	6	VCP		
11	22	23		S. Brevard Avenue	8		317	6	VCP		
12	23	24		S. Brevard Avenue	8		329	6	VCP		
13	24	25		S. Brevard Avenue	8		318	6	VCP		
14	25	26		S. Brevard Avenue	8		324	6	VCP		
15	26	27		S. Brevard Avenue	8		325	6	VCP		
16	28	29		S. Brevard Avenue	8		241	6	VCP		
17	29	30		S. Brevard Avenue	8		250	6	VCP		
18	62	21		9 Street South	8		144	6	VCP		
19	63	62		Easement (8-9)	8		346	6	VCP		
20	64	63		Easement (8-9)	8		306	6	VCP		
21	65	64		Easement (8-9)	8		27	6	VCP		
22	66	62		9 Street South	8		155	6	VCP		
23	67	64		8 Street South	8		128	6	VCP		
24	68	66		9 Street South	8		58	6	VCP		
25	69	67		8 Street South	8		81	6	VCP		
26	72	68		9 Street South	8		119	6	VCP		
27	73	72		Easement (8-9)	8		225	6	VCP		
28	74	69		8 Street South	8		115	6	VCP		
29	75	74		Easement (7-8)	8		345	6	VCP		
30	76	75		Easement (7-8)	8		280	6	VCP		
31	77	76		Easement (6-7)	8		322	6	VCP		
32	78	77		Easement (6-7)	8		352	6	VCP		
33	79	78		Easement (5-6)	8		273	6	VCP		
34	80	81		9 Street South	8		63	6	VCP		
35	81	72		9 Street South	8		150	6	VCP		
36	82	80		S. Atlantic Avenue	8		301	6	VCP		
37	83	140		S. Atlantic Avenue	8		326	6	VCP		
38	84	83		S. Atlantic Avenue	8		338	6	VCP		
39	85	84		S. Atlantic Avenue	8		307	6	VCP		
40	86	85		S. Atlantic Avenue	8		363	6	VCP		
41	87	86		S. Atlantic Avenue	8		38	6	VCP		
42	137	80		S. Atlantic Avenue	8		174	6	VCP		
43	139	138		S. Atlantic Avenue	8		326	6	VCP		
44	140	82		S. Atlantic Avenue	8		27	6	VCP		
45	142	87		S. Atlantic Avenue	8		172	6	VCP		
46	151	79		Easement (5-6)	8		302	6	VCP		
47	71	72		Easement (9-10)	8		253	6	VCP		
48	70	71		Easement (9-10)	8		351	6	VCP		
49	138	137		S. Atlantic Avenue	8		24	6	VCP		
TOTALS								11042			

CITY OF COCOA BEACH
REQUEST FOR PROPOSAL NUMBER CB 22 – 002
GRAVITY SEWER REHABILITATION PROJECT

Shot Number	Segment Number	Up MH No.	Down MH No.	LOCATION	DIA. in plan	THK. mm plan	LENGTH ft plan	DEPTH inv plan	PIPE Type	TAPS # plan	COMMENTS
1	2	1		N. Banana River	8		100	6	VCP		
2	3	2		Jack Drive	8		127	6	VCP		
3	10	2		N. Banana River	8		77	6	VCP		
4	4	3		Jack Drive	8		215	6	VCP		
5	5	4		Jack Drive	8		404	6	VCP		
6	6	5		Jack Drive	8		167	6	VCP		
7	7	8		Jack Drive	8		401	6	VCP		
8	8	9		Jack Drive	8		403	6	VCP		
9	11	10		N. Banana River	8		147	6	VCP		
10	17	10		Behind Publix	8		116	6	VCP		
11	18	17		Behind Publix	8		205	6	VCP		
12	19	18		Publix Lot	8		194	6	VCP		
13	20	18		Publix Lot	8		32	6	VCP		
14	21	20		Publix Lot	8		138	6	VCP		
15	25	20		Publix Lot	8		119	6	VCP		
16	22	21		Publix Lot	8		119	6	VCP		
17	23	22		Publix Lot	8		205	6	VCP		
18	24	23		Publix Lot	8		190	6	VCP		
19	26	25		Publix Lot	8		232	6	VCP		
20	27	26		Publix Lot	8		340	6	VCP		
21	28	27		A1A Crossover	8		76	6	VCP		
22	29	28		N. Atlantic Avenue	8		138	6	VCP		
23	47	28		N. Atlantic Avenue	8		166	6	VCP		
24	30	29		Young Avenue	8		335	6	VCP		
25	32	29		N. Atlantic Avenue	8		316	6	VCP		
26	31	30		Young Avenue	8		275	6	VCP		
27	33	32		Hendry Avenue	8		380	6	VCP		
28	34	33		Hendry Avenue	8		271	6	VCP		
29	36	33		Ocean Beach Blvd.	8		279	6	VCP		
30	35	34		Hendry Avenue	8		132	6	VCP		
31	37	36		Meade Avenue	8		326	6	VCP		
32	38	36		Meade Avenue	8		220	6	VCP		
33	40	36		Ocean Beach Blvd.	8		297	6	VCP		
34	39	38		Meade Avenue	8		214	6	VCP		
35	41	40		Pulsipher Avenue	8		158	6	VCP		
36	43	40		Ocean Beach Blvd.	8		296	6	VCP		
37	42	41		Pulsipher Avenue	8		116	6	VCP		
38	44	43		Winslow Avenue	8		184	6	VCP		
39	45	44		Winslow Avenue	8		142	6	VCP		
40	46	45		Winslow Avenue	8		22	6	VCP		
41	48	47		Barlow Avenue	8		77	6	VCP		
42	49	48		Barlow Avenue	8		397	6	VCP		
43	50	49		Barlow Avenue	8		398	6	VCP		
44	51	49		Rigdedwood Avenue	8		300	6	VCP		
45	52	51		Harding Avenue	8		209	6	VCP		
46	54	51		Harding Avenue	8		238	6	VCP		
47	55	51		Rigdedwood Avenue	8		315	6	VCP		
48	53	52		Harding Avenue	8		229	6	VCP		
49	56	55		Wilson Avenue	8		262	6	VCP		
50	58	55		Wilson Avenue	8		296	6	VCP		
51	57	56		Wilson Avenue	8		266	6	VCP		
52	62	58		Wilson Avenue	8		202	6	VCP		
53	59	60		Taft Avenue	8		283	6	VCP		
54	60	61		Taft Avenue	8		266	6	VCP		
55	61	55		Rigdedwood Avenue	8		297	6	VCP		
				TOTALS			12310				

CITY OF COCOA BEACH
REQUEST FOR PROPOSAL NUMBER CB 22 – 002
GRAVITY SEWER REHABILITATION PROJECT

Shot Number	Segment Number	Up MH No.	Down MH No.	LOCATION	DIA. in plan	THK. mm plan	LENGTH ft plan	DEPTH inv plan	PIPE Type	TAPS # plan	COMMENTS
Date:		1/9/2022									
Job Name:		City of Cocoa Beach Gravity Sewer Rehabilitation									
Job Number:		Lift Station 14 Service Area									
1		62	61	20 Street South	8		302	6	VCP		
2		65	61	S. Orlando Avenue	8		270	6	VCP		
3		66	61	S. Orlando Avenue	8		302	6	VCP		
4		74	62	20 Street South	8		76	6	VCP		
5		63	64	Olive Street	8		204	6	VCP		
6		64	65	S. Orlando Avenue	8		309	6	VCP		
7		82	65	Francis Street	8		221	6	VCP		
8		67	66	S. Orlando Avenue	8		177	6	VCP		
9		68	66	Summer Street	8		134	6	VCP		
10		69	70	24 Street South	8		96	6	VCP		
11		70	71	S. Atlantic Avenue	8		295	6	VCP		
12		71	79	S. Atlantic Avenue	8		309	6	VCP		
13		79	72	S. Atlantic Avenue	8		301	6	VCP		
14		72	84a	S. Atlantic Avenue	8		121	6	VCP		
15		73	74	S. Atlantic Avenue	8		307	6	VCP		
16		84a	73	S. Atlantic Avenue	8		328	6	VCP		
17		80	74	S. Atlantic Avenue	8		392	6	VCP		
18		75	80	S. Atlantic Avenue	8		400	6	VCP		
TOTALS							4544				

Shot Number	Segment Number	Up MH No.	Down MH No.	LOCATION	DIA. in plan	THK. mm plan	LENGTH ft plan	DEPTH inv plan	PIPE Type	TAPS # plan	COMMENTS
Date:		1/9/2022									
Job Name:		City of Cocoa Beach Gravity Sewer Rehabilitation									
Job Number:		Lift Station 15 Service Area									
1		1	2	N. Atlantic Avenue	8		324	6	VCP		
2		2	3	N. Atlantic Avenue	8		58	6	VCP		
3		4	5	S. Atlantic Avenue	8		316	6	VCP		
4		5	6	S. Atlantic Avenue	8		341	6	VCP		
5		6	7	S. Atlantic Avenue	8		148	6	VCP		
6		7	8	S. Atlantic Avenue	8		195	6	VCP		
7		8	27	A1A Crossover	8		81	6	VCP		
8		9	10	S. Atlantic Avenue	8		235	6	VCP		
9		10	11	S. Atlantic Avenue	8		236	6	VCP		
10		11	53	S. Atlantic Avenue	8		214	6	VCP		
11		12	13	S. Atlantic Avenue	8		231	6	VCP		
12		13	14	S. Atlantic Avenue	8		236	6	VCP		
13		14	15	S. Atlantic Avenue	8		230	6	VCP		
14		15	8	S. Atlantic Avenue	8		227	6	VCP		
15		17	10	27 Street South	8		123	6	VCP		
16		18	11	28 Street South	8		137	6	VCP		
17		19	13	30 Street South	8		141	6	VCP		
18		20	14	31 Street South	8		119	6	VCP		
19		21	15	32 Street South	8		149	6	VCP		
20		51	3	35 Street South	8		147	6	VCP		
21		53	12	S. Atlantic Avenue	8		230	6	VCP		
22		54	9	S. Atlantic Avenue	8		227	6	VCP		
23		55	54	East Sunny Lane	8		120	6	VCP		
24		56	12	29 Street South	8		138	6	VCP		
TOTALS							4603				

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EXHIBIT D

SEGMENT MAPS RFP CB 22 – 002

Segment Maps Are A Separate Attachment

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EXHIBIT E

SELECTION/EVALUATION CRITERIA - RFP CB 22 - 002

SELECTION CRITERIA	MAXIMUM POINTS	ASSIGNED POINTS
1. <u>Ability of the Proposer and Performance of the Product</u>	25	_____
2. <u>Ability and Experience of the Project Team</u>	20	_____
3. <u>Approach to the Scope of Work-CIPP</u>	10	
4. <u>Approach to Scope of Work-Cleaning</u>	10	
5. <u>Adequacy of the proposer’s Safety Practices And History</u>	5	
6. <u>Price</u>	30	
	100	_____

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EVALUATION CRITERIA:

The weighted evaluation criteria will be used to evaluate Proposals and develop a recommendation to the City Commission as described in Section 8, above. Each criterion will be scored between 1 and 5; 1=poor, 2=below average, 3=average, 4=above average, 5=excellent. Scores will be multiplied by the criterion weight for a weighted score; weighted scores will be totaled for the weighted total score.

Proposals will not exceed a total of 100 pages, inclusive of all resumes, technical data, charts, etc. Extraneous pages will be removed from the Proposal prior to distribution.

A. Ability of the Proposer and Performance of the Product:

Submit up to **5** similar projects performed by the Proposer in the State of Florida, completed within 5 years of the due date of this RFP, to verify the Proposer's performance on similar work in similar conditions as those found in the City of Cocoa Beach. Provide references for each similar project submitted. Reference list shall include name and address of company/municipality, contact name; telephone number; email address, and date of installation completion. *Experience in coastal community systems is preferred.* If the CONTRACTOR has installed the product for The City of Cocoa Beach, the CONTRACTOR must include the CITY as a reference.

Provide a definitive statement from the manufacturer that the product meets the Minimum Qualifications in Special Instructions for the product as well as ASTM F1216-16 Standards.

Provide a letter from the Proposer's Surety confirming a minimum bonding capacity of \$200,000 accompanied by a signed Power of Attorney.

Weight = 25

B. Ability and Experience of the Project Team

Provide resumes for key team members verifying the teams' experience.

Describe the Project Manager's experience with similar projects, where the individual has served as project manager within the 5 years prior to the due date of the RFP.

Describe the Superintendent's and Foreman's experience with similar projects, during the 7 years prior to the due date of the RFP where the individuals have served as superintendent and foreman, respectively.

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Indicate projects on which the Project Manager, Superintendent, and Foreman have performed together in these positions during the 5 years prior to the due date of the RFP.

Provide a team organization chart including any proposed cleaning sub-contractors.

Weight = 20

C. Approach to the Scope of Work - CIPP

Provide a narrative of the project approach to be used for the CIPP lining of sanitary sewer mains in systems with similar site conditions as those found in the City of Cocoa Beach. Discuss any product restraints or restrictions.

CONTRACTOR shall provide a complete list of all equipment/vehicles to be used on this contract (to include year, make and model numbers.) Provide definitive statement that the **equipment** meets requirements for use and insertion of the resin impregnated line.

Weight = 10

D. Approach to Scope of Work – Cleaning

Provide a narrative of the project approach to be used for the cleaning of sanitary sewer mains in systems with similar site conditions as those found in the City of Cocoa Beach. Discuss any product restraints or restrictions.

CONTRACTOR shall provide a complete list of all equipment/vehicles to be used for cleaning on this contract (to include year, make and model numbers)

Weight = 10

E. Adequacy of the Proposer’s Safety Practice and History

Provide documentation, OSHA logs and references to verify the safety practices and safety history of the Proposer and sub-contractors proposed to perform work in the City of Cocoa Beach. Proposer and all sub-contractors related to the performance of this contract shall provide copies of their company’s safety logs submitted to the Occupational Health and Safety Administration (OSHA) including all OSHA cited violations for the 2018, 2019 and 2020 calendar years with the Proposal. **Proposals lacking the OSHA logs will be rejected as non-responsive.**

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The CITY reserves the right to reject a Proposal based upon past safety performance as evidenced from submitted OSHA logs, references and other means as determined by the CITY. The determination of the responsible party, severity of injuries, frequency and severity of violations and magnitude of damages will be considered in the CITY's determination. Safety performance shall be demonstrated by the Proposer to the CITY's satisfaction.

Weight = 5

F. **Price**

Weight = 30

TOTAL WEIGHT = 100

SELECTION PROCESS:

For the purpose of selecting the most qualified firm, the City will use a competitive selection process as set forth in pertinent City and State procurement requirements. The procedure will involve the following steps:

- a. The City will advertise and mail notice of formal Requests For Proposals to interested Proposers.
- b. The City's Selection Committee will review, rank, and shortlist all Proposals received by the established deadline for submission. Oral presentations by the short-listed Proposers to clarify their Proposals may be required. These presentations will serve to explain implementation techniques integral to their written Proposal. Subsequent to the receipt of Proposals, the City may schedule a time for each requested oral presentation at a place convenient to the City.
- c. The City's Selection Committee will then rank each Proposal and prepare a recommendation for approval by the City Manager. Upon receipt of the City Manager's authorization, the City's Project Manager shall negotiate a contract with the highest ranked Proposer(s) approved by the City Manager. Should the Project Manager be unable to negotiate a satisfactory contract with the any of the shortlisted Proposers, the City Manager, or designee, shall terminate such negotiations with any or all of

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the shortlisted Proposers and begin negotiations with remaining Proposers based on ranking, until negotiations are successful or this RFP is cancelled.

- d. **The City Commission has the sole authority to bind the City to the terms and conditions of a contract that has been approved in a public meeting of the City Commission. The City Commission reserves the right to modify or reject any contract for the acquisition of goods and/or services submitted to it for consideration.**

Special Instruction Minimum Qualifications:

For a ***product*** to be considered commercially proven and to assure commercial viability, the manufacturer must document, to the satisfaction of the CITY, that it has provided the product on a minimum of 1,000,000 linear feet of successful *sanitary sewer system* installations in the United States. The installation Contractor shall have had at least 5 years active experience in the installation of the proposed CIPP.

Failure of the proposed product to meet the minimum qualifications shall render the Proposal non-responsive and ineligible from further consideration.

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**EXHIBIT F
PROJECT FORM & CERTIFICATION - RFP CB 22 - 002**

Proposer Name: _____

Address _____

City: _____ State _____ Zip _____

Telephone _____ Fax _____ Internet Address _____

Type of Business (Corporation, Partnership, Other – Specify) _____

Tax ID number (EIN/SSN): _____

Certification: The undersigned hereby confirms as follows:

- A. I am a duly authorized agent of the Company/Individual submitting the proposal;
- B. I have read the Proposal in its entirety and fully understand and accept these terms unless specific variations have been expressly listed below.
- C. My firm, _____, agrees to hold all prices, terms and conditions firm for acceptance for ninety (90) calendar days following the date and time of the bid opening.

Variations

The Proposer shall identify all variations and exceptions taken to this RFP in the space provided below unless such variation is expressly prohibited in the RFP documents. If no variations are listed here, it is understood that the Proposer fully complies with the terms and conditions. It is further understood that such variations may be cause for determining that the Proposal is non-responsive and ineligible for award:

Section _____ Variance _____

Section _____ Variance _____

Section _____ Variance _____

Attach additional sheets as necessary.

By: _____
Manual Signature of Agent

Date

Typed/Printed Name of Agent

Title of Agent

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EXHIBIT G

CITY OF COCOA BEACH, FLORIDA

STANDARD CONTRACT ADDENDUM

THIS STANDARD CONTRACT ADDENDUM is made and entered into this _____ day of _____, 20____, by and between the CITY OF COCOA BEACH, a Florida municipality, hereinafter referred to as the “City”, and _____, hereinafter referred to as “Contractor”, concerning that certain agreement entitled _____, dated _____ (“Agreement”).

WITNESSETH:

WHEREAS, Section 119.0701, Fla. Stat., requires that certain public agency contracts must include certain statutorily required provisions concerning the contractor’s compliance for Florida’s Public Records Act; and

WHEREAS, Section 768.28, Fla. Stat., sets forth certain mandatory limitations on indemnification and liability for Florida public agencies; and

WHEREAS, Florida law requires that public agency contracts be subject to non-appropriation and thereby contingent upon appropriation during the public agency’s statutorily mandated annual budget approval process.

NOW, THEREFORE, in consideration of the covenants set forth herein, the parties agree to this addendum as follows:

1. Amendment. This Addendum hereby amends and supplements the terms of the Agreement. In the event of a conflict between the terms of the Agreement and terms of the Addendum, the terms of the Addendum shall prevail.

2. Public Records Compliance. Contractor agrees that, to the extent that it may "act on behalf" of the City within the meaning of Section 119.071(1)(a), Florida Statutes in providing its services under this Agreement, it shall:

- (a) Keep and maintain public records required by the public agency to perform the service.

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- (b) Upon request from the public agency’s custodian of public records, provide the public agency 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 this chapter or as otherwise provided by law.
- (c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
- (d) Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the City’s custodian of public records, in a format that is compatible with the information technology systems of the City.
- (e) Pursuant to Section 119.0701(2)(a), Fla. Stat., **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 HALL - FIRST FLOOR
2 S. ORLANDO AVE.
P.O. BOX 322430
COCOA BEACH, FL 32932-2430.
321-868-3286,
CITYCLERK@CITYOFCOCOABEACH.COM

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3. Public Records Compliance Indemnification. Contractor agrees to indemnify and hold the City harmless against any and all claims, damage awards, and causes of action arising from the contractor's failure to comply with the public records disclosure requirements of Section 119.07(1), Florida Statutes, or by contractor's failure to maintain public records that are exempt or confidential and exempt from the public records disclosure requirements, including, but not limited to, any third party claims or awards for attorneys' fees and costs arising therefrom. Contractor authorizes the public agency to seek declaratory, injunctive, or other appropriate relief against Contractor in Brevard County Circuit Court on an expedited basis to enforce the requirements of this section.

4. Compliance/Consistency with Section 768.28, Fla. Stat. Any indemnification by City specified in the Agreement shall not be construed as a waiver of City's sovereign immunity and shall be limited to such indemnification and liability limits consistent with the requirements of Section 768.28, Fla. Stat. and subject to the procedural requirements set forth therein. Any other purported indemnification by City in the Agreement in derogation hereof shall be void and of no force or effect.

5. Non-appropriation. City's performance and obligation to pay under this Agreement is contingent upon an appropriation during the City's annual budget approval process. If funds are not appropriated for a fiscal year, then the Contractor shall be notified as soon as is practical by memorandum from the City Manager or designee that funds have not been appropriated for continuation of the Agreement, and the Agreement shall expire at the end of the fiscal year for which funding has been appropriated. The termination of the Agreement at fiscal year-end shall be without penalty or expense to the City subject to the City paying all invoices for services rendered during the period the Agreement was funded by appropriations.

6. Venue and Jurisdiction. Notwithstanding any of other provision to the contrary, this Agreement and the parties' actions under this Agreement shall be governed by and construed under the laws of the state of Florida, without reference to conflict of law principles. As a material condition of this Agreement, each Party hereby irrevocably and unconditionally: i) consents to submit and does submit to the jurisdiction of the Circuit Court in and for Brevard County, Florida for any actions, suits or proceedings arising out of or relating to this Agreement.

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IN WITNESS WHEREOF, the parties hereto have executed and delivered this instrument on the days and year indicated below and the signatories below to bind the parties set forth herein.

Contractor:

Print Name: _____

Title: _____

Company: _____

City of Cocoa Beach

Print Name: _____

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