

**UTILITIES COMMISSION**  
**City of New Smyrna Beach, Florida**  
**200 Canal Street**  
**P.O. Box 100**  
**New Smyrna Beach, Fl. 32170-010**

October 11, 2017

RE: ITB 22-17 Manhole Rehab ADDENDUM **No. 2**

To prospective vendors:

The Utilities Commission is issuing the following addendum. **As such it becomes an integral part of the proposal and must be acknowledged by the return of this signed form, with your proposal form, acknowledging receipt of the addendum.**

**Bidders shall note the following directions when preparing bids for evaluation:**

1. Revised Bid Document Pages 1, 3, 9, 27, 29, 30, 31 and 38 have been revised and are attached. Revisions are depicted in red.
2. The **COMMISSION** will provide a City of New Smyrna Beach Right-of-Way Permit.
3. Invert reconstruction is not included in this bid.
4. **BIDDER** shall provide Pollution Liability Insurance (Condition 27) and 5 year workmanship warranty (Condition 28).
5. Line Manhole unit cost (revised to VF) shall include cleaning, surface preparation/repair and final coat/liner per selected manufacturer's specification.
  - Liner Manufacturer shall provide a 10 year product warranty.
6. Final vertical footage (VF) quantities shall be paid based on Contractor's field measurements which are to be taken and documented in the presence of the COMMISSION's Field Inspector and/or Project Manager.
  - After Award of Bid, Contractor will be expected to verify total VF quantity prior to ordering materials.
7. Mobilization, Demobilization and Maintenance of Traffic bid line item has been added in the bid tabulation for each location. Maintenance of Traffic is the Contractor's responsibility and shall adhere to FDOT Design Standards, Index 600, current edition.

8. A Bypass Pumping Allowance has been added to the bid tabulation which shall be included in the total base bid cost.
  - **BIDDER** must input a unit cost of bypass pumping per day, not to exceed \$750.00 per day. Payment will be made to the Contractor for actual days of which bypass pumping is performed. Any monies unused for this bid item will be returned to the **COMMISSION** via a deduct change order.
9. The **COMMISSION** will coordinate high and low flows at each location with the awarded Contractor.

**BIDDER** questions are in black. **COMMISSION** responses are in blue.

1. REFRATTA HAC 100, a proven 100% pure calcium aluminate material, a super high strength repair mortar specifically designed for use in the sanitary sewer/wastewater industry and has been approved on numerous projects as an equal to SewperCoat. Highly resistant to Microbiologically Induced Corrosion (MIC), REFRATTA HAC 100 is wet shotcrete applied and ideally suited for application to lift stations, manholes, pump stations and wet wells. You will find REFRATTA HAC 100 Technical Data and MSDS sheets enclosed. This material is currently installed in your sanitary sewer system in a handful of manholes for over 5 years now with no failures. REFRATTA HAC100 carries a Ten Year (10) Warranty and more cost effective than Spectra Shield. I would like to submit REFRATTA HAC 100 as an approved manhole lining system to be included into the specification on any future manhole and lift station rehabilitations projects. Similar products have been used in wastewater rehabilitations for decades with countless success stories. This product has been accepted and used on numerous projects in many municipalities statewide. We are offering any municipality another brand of 100% pure calcium aluminate, offered as an equal to the brands listed on most approved products list.

Due to recent inspections and evaluations, the **COMMISSION** will allow SpectraShield, GML Coatings “Green Monster” or Raven Lining Systems for this scope of work.

2. I was wondering if you could let me know approximately how many VF of manhole rehab this job includes as well as what materials y'all have spec'd. I went through the bid documents and did not notice any mention of approved products. Do y'all have pre-approved products or will you be reviewing the products submitted with their bids?

There is approximately 205 VF of manhole rehabilitation proposed with this bid. Due to recent inspections and evaluations, the **COMMISSION** will allow SpectraShield, GML Coatings "Green Monster" or Raven Lining Systems for this scope of work.

3. What other products are currently on the approved materials list other than Spectra Shield? If none at what time do we provide product data for approval?

Due to recent inspections and evaluations, the **COMMISSION** will allow SpectraShield, GML Coatings "Green Monster" or Raven Lining Systems for this scope of work.

4. Please find the attached product specifications for Sewpercoat manhole liner. Sewpercoat was used to line the wet well in August of 2009 on the lift station located at the corner of Fairfax Ave. and Conrad Dr. in New Smyrna Beach. Included are a partial list of Cities and Counties that accept Sewpercoat and Utility Technicians has been the applicator.

Due to recent inspections and evaluations, the **COMMISSION** will allow SpectraShield, GML Coatings "Green Monster" or Raven Lining Systems for this scope of work.

5. J&H Waterstop Utilities Inc. request that Utilities Commission of New Smyrna Beach, Florida review their current specification for manhole rehabilitation. The current product that is in the specification is Spectrashield. Spectrashield applicator for Florida is a company that is owned by Spectrashield so other contractors wouldn't be able to compete for this bid. J&H Waterstop Utilities Inc. would like to propose the that their rehabilitation products be reviewed and approved as an equivalent.

- MS-10000 Fortified with Conshield- This product is an equal to Spectrashield as it is an Ultra High Strength Corrosion Resistant Mortar for structures in severely corrosive environment. We would recommend this product for manholes with fewer leaks and highly corrosive areas. Due to recent inspections and evaluations, the **COMMISSION** will allow SpectraShield, GML Coatings "Green Monster" or Raven Lining Systems for this scope of work.
- Fiberglass Liner Insert- J&H Waterstop Utilities Inc. would also like to offer this option as an alternative for when the manholes have large amount of leakage going on. This product comes with a 25-year warranty. Due to recent inspections and evaluations, the **COMMISSION** will allow SpectraShield, GML Coatings "Green Monster" or Raven Lining Systems for this scope of work.

6. Is there an Engineer's Estimate for the above-referenced project?

\$125,000.00

7. It was nice talking with you just now! I am submitting both our Geo-Krete geopolymer and 100% solids epoxy, Structure Guard, to be added as accepted materials for the manhole rehabilitation project that bids on 10/18. Geo-Krete is fully structural (does not rely on bond), inherently acid resistant (down to a PH of 1), and stops infiltration. It looks and feels like a cement but it is NOT cementitious, which is huge advantage for us. It can be used in place of an epoxy, polyurea, and polyurethane, but much more economical. Please see the below submittal packets for Geo-Krete and Structure Guard. I also included our brochure, technical article which includes case studies, and a 10 year case study. Due to recent inspections and evaluations, the COMMISSION will allow SpectraShield, GML Coatings “Green Monster” or Raven Lining Systems for this scope of work.
8. On the line Bid Tabulation page 30 it is asking for a unit price per manhole. That is very difficult to determine when the depths vary from 0’ to 12’. Could this Unit price on the bid be changed to “Vertical Feet” ? See Revised Bid Tabulation attached. An up to amount is included in the bid; therefore, if less VF is used, a deduct change order will be issued.

**Acknowledgment of Receipt of Addenda No. 1**

Company\_\_\_\_\_

Title\_\_\_\_\_

Signature\_\_\_\_\_

**UTILITIES COMMISSION**  
CITY OF NEW SMYRNA BEACH, FLORIDA

ITB# 22-17  
MANHOLE REHABILITATION

**INVITATION TO BID**

The Utilities Commission, City of New Smyrna Beach, Florida (**COMMISSION**) is seeking bids from qualified vendors to:

Rehabilitate twenty-four (24) brick manholes using SpectraShield, GML Coatings “Green Monster” or Raven Lining Systems, located in 3 areas within the **COMMISSION** service boundary:

- Location 1: United Dr.
- Location 2: Central Beach
- Location 3: Inlet Shores Subdivision

See attached sketches for exact location of manholes.

Notice is hereby given that sealed bids will be received at 200 Canal Street, New Smyrna Beach, FL 32168, until **2:30 P.M.** on **October 19, 2017** at which time they will be publicly opened in the 3<sup>rd</sup> floor DeBerry Room.

**Submit Bids To:** Caleb Fisher, CPPB  
Purchasing Agent  
Utilities Commission,  
City of New Smyrna Beach  
(386) 424.3045 Voice  
(386) 424.2748 Fax  
[CFISHER@UCNSB.ORG](mailto:CFISHER@UCNSB.ORG)

**Mailing Address:** Post Office Box 100  
New Smyrna Beach, FL  
32170-0100

**Walk In Delivery:** 200 Canal Street  
New Smyrna Beach, FL  
32168

**Bidders must indicate on the sealed envelope the following:**

- Invitation To Bid Number**
- Hour and Date of Opening**
- Name of Bidder**

**UTILITIES COMMISSION  
CITY OF NEW SMYRNA BEACH, FLORIDA**

**ITB# 22-17  
MANHOLE REHABILITATION**

**BID SCHEDULE**

- DISTRIBUTION OF THE INVITATION TO BID: **September 11, 2017**
- PRE-BID MEETING: **September 19, 2017**
  - TIME: **2:00 P.M.**
  - LOCATION: **DEBERRY ROOM, 3<sup>RD</sup> FLOOR  
UCNSB  
200 CANAL STREET  
NEW SMYRNA BEACH, FL 32168**
- DEADLINE FOR FINAL QUESTIONS BY 2:30 P.M.: **October 6, 2017**
  - E-MAIL TO [CFISHER@UCNSB.ORG](mailto:CFISHER@UCNSB.ORG)
- ADDENDUM PUBLISHED BY 5:00 P.M.: **October 13, 2017**
- BID RETURN DEADLINE BY 2:30 P.M.: **October 19, 2017**
  - LOCATION: **UCNSB - RECEPTION  
200 CANAL STREET  
NEW SMYRNA BEACH FL, 32168**

**UTILITIES COMMISSION**  
CITY OF NEW SMYRNA BEACH, FLORIDA

ITB# 22-17  
MANHOLE REHABILITATION

the date of execution of this Agreement and must be kept in force for three (3) years after the termination of this Agreement.

Coverage shall apply to the indemnity agreement and shall include the **COMMISSION** their officers and employees, each as additional insured's but only as regards to their liability arising out of Contractor's performance of the work or out of operations performed by others on behalf of Contractor under this Contract. The insurance as afforded to such additional insured's shall state that it is primary insurance and shall provide for a severability of interest or cross-liability clause. Prior to commencing performance of any work or site mobilization, Contractor shall furnish **COMMISSION** with Certificates of Insurance (identifying on the face thereof the Project name and Contract number) as evidence of the above required insurance and such Certificates shall provide for thirty (30) days written notice to **COMMISSION** prior to cancellation thereof.

**COMMISSION** is not maintaining any insurance on behalf of Contractor covering loss or damage to the work or to any other property of Contractor unless otherwise specifically set forth herein.

None of the requirements contained herein as to types, limits and approval of insurance coverage to be maintained by Contractor are intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by Contractor under this contract.

Contractor shall deliver the original Certificate of Insurance and one copy to the agent of the **COMMISSION**.

Notices, in original and one copy, of cancellation, termination and alternation of such policies shall also be provided to the agent of the **COMMISSION**.

28. **WARRANTY AND ACCEPTANCE**: All material shall be new and workmanship shall be first class in every respect. The work shall be subject to inspection and acceptance by **COMMISSION**. Contractor guarantees its work hereunder for a period of **five (5) years after final completion** and acceptance of the work unless otherwise set forth herein. In the event **COMMISSION** discovers defects in material or workmanship at any time before the expiration of the specified warranty period, Contractor shall, upon written notice from **COMMISSION**, repair or replace at its sole expense any such defects. **COMMISSION** may perform such repairs or replacements by other reasonable means and Contractor agrees to pay for such corrective measures. Neither acceptance of the work by **COMMISSION** nor payment shall relieve Contractor from liability under the indemnity clause or any of the guarantees or warranties contained or implied herein.



**UTILITIES COMMISSION**  
CITY OF NEW SMYRNA BEACH, FLORIDA

ITB# 22-17  
MANHOLE REHABILITATION

**BID SUBMITTAL REQUIREMENTS**

Bids shall include all of the information solicited in this ITB, and any additional information that the **BIDDER** deems pertinent to the understanding and evaluating of the bid. Bids shall be organized and sections tabbed in the following order. The **BIDDER** should not withhold any information from the written response in anticipation of presenting the information orally or in a demonstration, since oral presentations or demonstrations may not be solicited. All bids shall include, at a minimum, the following information. Failure to supply all of the information requested shall result in the bid being excluded from consideration. The **COMMISSION** reserves the right to request information or clarification from bidders following the bid opening if omissions are deemed curable.

**TAB #1 Experience:** Provide a profile showing company history, business structure, and a list of principals. A minimum of five (5) years in business is required.

**TAB #2 References:** Submit a detailed list of clients receiving similar services within the last two (2) years. Please include a brief description of the scope of work performed and the name, phone number and email address of the contact person.

**TAB #3 Pricing:** Complete, sign and submit the Bid Tabulation and Bid Form.

**TAB #4 License and Insurance** Submit a current Occupational License, from an authorizing government agency, and a current Certificate of Insurance including Pollution Liability. The **COMMISSION** does not need to be named as an Additional Insured at this time but this is a requirement when work commences.

**TAB #5 Other Required Forms:** Complete, sign, notarize (if required) and submit the following:

- A. Certification of Drug-Free Workplace
- B. Public Entity Crimes
- C. Non Collusion Affidavit of Prime Bidder
- D. Authorized Signatures/Negotiators
- E. Taxpayer Identification Number and Certification W-9
- F. Vendor Application
- G. Questionnaire
- H. Compliance with the Florida Trench Safety Act

**TAB #6 Addenda Acknowledgement:** Complete, sign and submit all addenda (if any).

**TAB #7 Other Information:** **5 YEAR WORKMANSHIP WARRANTY**        *initial here*

**10 YEAR PRODUCT WARRANTY**        *initial here*

**ESTIMATED START DATE (MONTH/DAY/YEAR):** \_\_\_\_\_

**SELECTED LINER MANUFACTURER:** \_\_\_\_\_  
*(attach specification sheets)*

**UTILITIES COMMISSION  
CITY OF NEW SMYRNA BEACH, FLORIDA**

ITB# 22-17  
MANHOLE REHABILITATION

**BID SCOPE OF WORK**

**BIDDER NAME:** \_\_\_\_\_

The **COMMISSION** is seeking a **Qualified Vendors** licensed in the State of Florida to complete the following scope of work.

Rehabilitate twenty-four (24) **brick** manholes using **SpectraShield, GML Coatings “Green Monster” or Raven Lining Systems** located in 3 areas within the **COMMISSION** service boundary:

- Location 1: United Dr.
- Location 2: Central Beach
- Location 3: Inlet Shores Subdivision

See attached sketches for exact location of manholes.

Contractor shall provide insurance, materials, tools, labor, equipment and supervision to perform all work necessary to complete this scope of work. Contractor shall reference plans and specifications attached for further detail.

**The COMMISSION will pay for installed materials only.**

**The COMMISSION will obtain a City of New Smyrna Beach Right-of-Way permit for this scope of work.**

**Contractor is responsible for all bypass pumping and Maintenance of Traffic.**

**Contractor shall submit a schedule with bid submittal showing approximate start date.**

**All construction is subject to the COMMISSION’s inspection.**

**The COMMISSION will coordinate high and low flows at each location with the Contractor.**

**UTILITIES COMMISSION  
CITY OF NEW SMYRNA BEACH, FLORIDA**

ITB# 22-17  
MANHOLE REHABILITATION

**BID TABULATION  
page 1 of 2**

**BIDDER NAME:** \_\_\_\_\_

**LOCATION 1: UNITED DRIVE**

**2 MANHOLES**

Description	Est. Quantity	Unit	Unit Price	Total
LINE MANHOLE	15	VF	\$	\$
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	\$	\$

**LOCATION 2: CENTRAL BEACH**

**5 MANHOLES**

Description	Est. Quantity	Unit	Unit Price	Total
LINE MANHOLE	40	VF	\$	\$
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	\$	\$

**LOCATION 3: INLET SHORES SUBDIVISION**

**17 MANHOLES**

Description	Est. Quantity	Unit	Unit Price	Total
LINE MANHOLE	150	VF	\$	\$
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	\$	\$

**UTILITIES COMMISSION  
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ITB# 22-17  
MANHOLE REHABILITATION

**BID TABULATION  
page 2 of 2**

**BIDDER NAME:** \_\_\_\_\_

Description	Est. Quantity	Unit	Unit Price	Total
BYPASS PUMPING ALLOWANCE	1	LS	\$ 15,000.00	\$ 15,000.00

BYPASS PUMPING \$ \_\_\_\_\_ PER DAY

**BIDDER** must input a unit cost of bypass pumping per day above, not to exceed \$750.00 per day. Payment will be made for actual days of which bypass pumping is performed. The Bypass Pumping Allowance shall be included in the total base bid cost. Any monies unused from the Bypass Pumping Allowance will be returned to the **COMMISSION** via a deduct change order.

**TOTAL BASE BID \$** \_\_\_\_\_

**TOTAL WRITTEN BASE BID COST:** \_\_\_\_\_

**See attached sketches for exact location of manholes.**

- Line Manhole unit cost shall include cleaning, surface preparation/repair and final coat/liner per selected manufacturer’s specification.
- Final vertical footage (VF) quantities shall be paid based on Contractor’s field measurements which are to be taken and documented in the presence of the **COMMISSION**’s Field Inspector and/or Project Manager.
- After Award of Bid, Contractor will be expected to verify total VF quantity prior to ordering materials.
- Maintenance of Traffic shall adhere to FDOT Design Standards, Index 600, current edition.

**BIDDERS MUST SIGN BID FORM.**

**UTILITIES COMMISSION**  
CITY OF NEW SMYRNA BEACH, FLORIDA

ITB# 22-17  
MANHOLE REHABILITATION

**AGREEMENT – SECTION 00500**  
**(TO BE COMPLETED BY UCNSB AND CONTRACTOR AFTER BID IS AWARDED)**

This Agreement is by and between the Utilities Commission, City of New Smyrna Beach, Florida (herein called Owner) and LOW BIDDER NAME Contractors, Inc. (herein called Contractor).

Owner and Contractor, in consideration of the mutual covenants herein set forth, agree as follows:

**ARTICLE 1 – WORK**

1.01. Contractor shall complete all Work as specified or indicated in the Contract Documents based on the acceptance by Owner of Contractor's Bid.

The Work is generally described as follows:

Rehabilitate twenty-four (24) brick manholes using SpectraShield, GML Coatings “Green Monster” or Raven Lining Systems located in 3 areas within the COMMISSION service boundary:

- Location 1: United Dr.
- Location 2: Central Beach
- Location 3: Inlet Shores Subdivision

See attached sketches for exact location of manholes.

**ARTICLE 2 – CONTRACT PRICE**

2.01. Owner shall pay Contractor for completion of the Work designated in Article 1 in accordance with the Contract Documents, a not-to-exceed amount of: Written Dollar Amount (\$###,###.##) as indicated in Contractor’s Bid.

**ARTICLE 3 – PAYMENT PROCEDURES**

3.01. Submittal and Processing of Payments

A. Contractor shall submit Applications for Payment in accordance with Article 9 of the General Terms and Conditions. Applications for Payment will be processed by Owner as provided in the General Terms and Conditions.

3.02. Progress Payments

A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment. All progress payments will be on the basis of the progress of the Work measured established in the General Terms and Conditions.

B. Consent of the Surety shall be obtained before final payment is paid by Owner. Consent of the Surety, signed by an agent, must be accompanied by a certified copy of such agent's authority to act for the Surety.

3.03. Final Payment

**SECTION 00500**