



|                          |                                   |                    |                    |
|--------------------------|-----------------------------------|--------------------|--------------------|
| <b>To:</b>               | City of Cocoa                     | <b>Contact:</b>    | Kunal Nayee, PE    |
| <b>Address:</b>          | 65 Stone Street                   | <b>Phone:</b>      | (321) 433-8633     |
|                          |                                   | <b>Email:</b>      | knayee@carollo.com |
| <b>Project Name:</b>     | FL - Cocoa - Cocoa FY24 MH Lining | <b>Bid Number:</b> | 2324668            |
| <b>Project Location:</b> | Various Locations, Cocoa, FL      | <b>Bid Date:</b>   | 10/10/2023         |

This bid proposal is figured utilizing the HGAC Contract Pricing (TP07-18)

| Item #   | Item Description   | Estimated Quantity | Unit | Unit Price | Total Price         |
|--|--|--------------------|------|------------|---------------------|
| <b>A - Base Bid</b>                              |  |                    |      |            |                     |
| G11  | Manhole Rehabilitation (Standard 4-ft Diameter) - 1-inch Geopolymer Liner  | 593.70             | VF   | \$300.00   | \$178,110.00        |
| G14  | Manhole Rehabilitation (Standard 4-ft Diameter) - Composite System - 1" Cementitious + 125 Mils Epoxy / Polyurea | 17.00              | VF   | \$600.00   | \$10,200.00         |
| P35  | Travel And Mobilization - Florida  | 1.00               | EACH | \$4,500.00 | \$4,500.00          |
| <b>Total Price for above A - Base Bid Items:</b> |  |                    |      |            | <b>\$192,810.00</b> |

#### B - Bill As Needed

|  |  |        |      |            |                    |
|--|--|--------|------|------------|--------------------|
| B35  | Infiltration Control- Chemical Grout - To Be Billed As Needed          | 1.00   | GAL  | \$100.00   | \$100.00           |
| G17  | Rebuild Bench And Invert   | 100.00 | EACH | \$550.00   | \$55,000.00        |
| G45  | New Manhole Frame And Cover-24" - Billed As Needed                     | 0.00   | EACH | \$850.00   | \$0.00             |
| O11  | Barricades, Signs, And Traffic Handling (per Setup) - Billed As Needed | 7.00   | EACH | \$1,500.00 | \$10,500.00        |
| O13  | Flagmen - (Per Flagger) - Billed As Needed                             | 121.00 | HR   | \$40.00    | \$4,840.00         |
| <b>Total Price for above B - Bill As Needed Items:</b> |  |        |      |            | <b>\$70,440.00</b> |

#### Notes:

- Actual Quantities to be determined in the field
- Ring & Covers to be supplied by the City of Cocoa
- Four items are to establish unit pricing. They will be charged on as needed basis
- Owner / Contractor will provide access to each and every manhole
- Vacuum, hydrostatic, holiday/spark testing are not included in this bid proposal.
- If bond is needed please add 1.5%.
- Our Bid Proposal is valid for 60 days from the bid date.
- Proposal does not include any manhole ring and cover adjustments or raising / lowering. Proposal does not include installing of any inflow dish and chimney seals.
- Our manhole rehab is figured utilizing flow through plugs. Any dewatering and or bypass pumping will be provided by Owner / Contractor (if necessary). Please note, in order to install our plugs and divert the flow on force mains we assume the incoming lines are protruding at least 3" into the manhole which will allow us to attach Fernco type coupling systems. If additional bypass, dewatering, or flow control is needed it will be provided by Others.
- If any of these manholes are located in easements, the Owner / Contractors will have to provide site access improvements including (but not limited to) clearing of any trees, shrubs, fence, sheds, vegetation etc. to provide an unobstructed access for our work. This also includes coordinating site access permissions with the property owners and the City. We are able to complete our work if our trucks can be staged within 150' from both the upstream and downstream manholes. If certain site conditions restrict this and require us to stage greater than 150', then our trucks will require a road to drive the equipment to each manhole and it needs to be somewhat of level. Therefore it may be required for the owner to install a temporary easement access road by installing rock / road base, installing culverts, matting etc to aid in creek crossings or wet areas. The install and removal of these site improvements will be provided by Others.

**ACCEPTED:**

The above prices, specifications and conditions are satisfactory and are hereby accepted.

**Buyer:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date of Acceptance:** \_\_\_\_\_

**CONFIRMED:**

**Vortex Services LLC**

**Authorized Signature:** \_\_\_\_\_

**Estimator:** Tommy Robertson  
407-509-6633 trobertson@vortexcompanies.com