

## Addendum No. 3

Date: *May 19, 2023*

Solicitation Number: *FY23-ITBCON-33*

Title: *McAlpine Creek 54" Sanitary Sewer Rehabilitation Phase 4*

Issued by: *Katherine Osborne*  
*Katherine.Osborne@charlottenc.gov*

Bidders should acknowledge receipt of this addendum on the Bid Form. Failure to acknowledge receipt of this addendum may result in the bid not being considered.

All Bidders are responsible for monitoring CLTWater's Contracting Opportunities website (<https://www.charlottenc.gov/Growth-and-Development/Doing-Business/Contract-Opportunities>) for additional changes or clarifications.

### **Modifications to the Invitation to Bid:**

#	ITB Section # and Name	Page and Paragraph	Modification				
1	C-410 BID FORM	Pages 5	Line item 5A6 DESCRIPTION is hereby deleted in its entirety and replaced with the following:  INSTALL A NEW FLAT-TOP WITH A 24" CAM-LOCK WATERTIGHT COVER WHERE SPECIFIED IN THE FIELD				
2	C-410 BID FORM	Page 9	Line item 6D DESCRIPTION is hereby deleted in its entirety and replaced with the following:  INSTALL A NEW 4-FOOT-DIAMETER FLAT-TOP WITH A 24" CAM-LOCK WATERTIGHT COVER				
3	C-800 SUPPLEMENTARY CONDITIONS	Page 6	B. Contract's Commercial General Liability limits is hereby deleted and replaced with the following:  B. Contractor's Commercial General Liability:  <table style="width: 100%; border: none;"> <tr> <td style="padding-right: 20px;">General Aggregate</td> <td style="text-align: right;">\$ 1,000,000</td> </tr> <tr> <td>Each Occurrence (Bodily Injury and Property Damage)</td> <td style="text-align: right;">\$ 1,000,000</td> </tr> </table>	General Aggregate	\$ 1,000,000	Each Occurrence (Bodily Injury and Property Damage)	\$ 1,000,000
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**Questions and Responses**

1. **Question:** C-800 6 of 18, Are all the contractors required to carry Errors and Omissions coverage as well as Pollution Liability Coverage?  
a. If Yes, Is there an exclusion for the trickle-down clause for subcontractors? Some Subcontractors will not be eligible for that type of coverage

**Response:** Contractors are required to have Professional Liability Coverage as well as Pollution Liability Coverage per solicitation documents.  
a. Please reference Section C-700 General Conditions Section 7.06. Concerning Subcontractors, Suppliers, and Others.

2. **Question:** C-800 17 of 18 Article 15 e., Will the Owner reconsider Stored Materials?

**Response:** Article 15, Section 15.01(B)(6)e will be revised to allow for payment of stored materials on hand.

3. **Question:** Cart Paths Specifications and plans state that the cart paths are to be used as the main method of access. The thickness of the path is said to be 4in max. Will all repairs to damaged cart paths be billable?

When billing the repair will it be billed under item # 9 as stated on pg. 2 General Notes #8 by Bartels, or under item # 10A?

**Response:** The expectation is that the contractor be careful and take precautions to prevent and/or minimize damage to the cart paths. If damage occurs during the normal course of construction, then repairs will be paid for. However, if the contractor is blatantly negligent with his work activities and the damage is directly due to his blatant negligence, then the repairs will not be paid for.

May be paid for under either bid item or both, depending on the situation

4. **Question:** When crossing cart paths with mats, will the cart path be out of service to golf cart? If not, How is the contractor to prepare the crossing for cart use?

**Response:** No, the cart paths must remain in service and available for use by golfers/golf carts throughout construction.

The contractor shall use some sort of ramp to allow the golf carts to smoothly pass over the mats. The ramps may be prefabricated ramps by the mat manufacturer (preferred) or some sort of ramp made by the contractor. Cold patch may be acceptable for the ramps. All ramps shall be secure and maintained by the contractor throughout construction.

5. **Question:** In many places the cart paths are already cracked. How is the contractor to protect from widespread damage under these conditions?

**Response:** There is nothing special required of the contractor in these situations. However, the contractor should document the condition of the cart paths prior to use with video and/or photography. If additional damage occurs at these locations, repairs will be paid under Bid Item 9 or 10.

6. **Question:** Cart paths in many places have curb. Is there a provision for replacing the curb if and when damaged?

**Response:** Damaged curbs shall be replaced to match existing conditions. Bid Item 9 (and potentially the contingency item) will be used for replacing curbs.

7. **Question:** When Clearing is required such as the surrounding area around MH 186101 and along the R/w between MH 186103-186118 and MH 186121-186122, Will the restoration cover the replacement cost of plantings? Where is the contractor supposed to include these costs in the bid tab?

**Response:** Any clearing must be approved in advance by the Engineer and Owner. Clearing must be absolutely necessary in order to be approved. No specific clearing requirements were identified during design.

Restoration within the golf course property will be paid under Item 9 to include any plantings.

Clearing costs (if approved) shall be included in the various bid items. See answer above for restoration.

8. **Question:** Buried Vaults- MH 186118-186119-186100, The plans only show 3 vaults but the bid tab shows 5. Where are the others located?

**Response:** There are two buried manholes that we could not access. The additional vault quantity is being provided in the event that these two manholes are also vault structures.

9. **Question:** Does the engineer have any as-built data for these structures?

**Response:** The as-builts for 54" sewer (including the vault manholes) were provided in a previous addendum. The vault manholes are the Type B manholes noted on the as-built "McAlpine 54 Outfall MH Type A and B Details.pdf".

10. **Question:** How is the contractor supposed to price a replacement structure, when the size is undetermined.

**Response:** Typical dimensions are provided in the as-builts noted above in the response to Question 9. Contractor will be responsible for verifying vault dimensions.

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- 11. Question:** Many of these structures have s-curves as inverts, it is anticipated that all will have to be removed. How is the contractor supposed to prevent flood waters entering and sewer releasing during installation? Is there a detail that can be provided for this effort?
- Response:** It is not clear what is being stated.
- It is not clear what this question means. It is the contractor's responsibility to protect from flooding and accommodate existing sewer flows during all construction work.
- See response above.
- 12. Question:** Restoration- Damage to private infrastructure, Most golf courses have an abundant and detailed irrigation and drainage systems. Will the restoration completed by Bartels cover any damage to these systems?
- Response:** Yes, as long as the damage is not due to blatant negligence by the contractor and/or because the contractor did not make efforts to protect such systems where possible.
- 13. Question:** Will the golf course institute freeze warning and inhibit work until temperatures rise to an acceptable level during the winter?
- Response:** The golf course has not stated that as an issue or requirement. The golf course desires us to finish work as soon as possible. The contractor should not expect work stoppages by the golf course due to freezing temperatures.
- 14. Question:** Will the golf course allow mats used off the 54" R/w to be left in place for days at a time to allow access?
- Response:** Yes.
- 15. Question:** Will the course be able to cancel irrigation ion specific areas during construction to prevent mats from sliding over the grass and equipment from sliding on slopes?
- Response:** This has not been specifically discussed with the golf course. The contractor can discuss with the golf course once construction details, mat locations versus irrigation, and specific schedules for the work have been developed.
- 16. Question:** Will erosion control measures be required along matted areas?
- Response:** No.
- 17. Question:** Will Safety fencing and or perimeter fencing be required during access to the course and across the r/w?

**Response:** No specific fencing requirements have been identified at this time. If for some reason the contractor decides that his work area needs barricaded from golfers or residents, then the contractor should install safety fencing.

**18. Question:** Will the course move piles of sand that is over the R/w in key areas near MH 186121 and 186101?

**Response:** Yes.

**19. Question:** Item 5A6 – 6D Manufacturers do not recommend installing a 30” cover in a 4’ dia. Flattop-Please advise

**Response:** The new frame and cover for the 4-foot-diameter flat-tops shall be a standard 24-inch-diameter cover. Change all references from the 30” cover to the 24” cover and price accordingly.

**20. Question:** What is the process for getting sod approved by the engineer?

**Response:** The sod type is submitted to the engineer for review and approval. The sod will have to match the species of existing grass/sod.

**21. Question:** All pricing for the vault structures is difficult with no dimensions. Can the engineer give a size and shape and let the contractor price and then if the structure is over that size the difference in price be allowed to be billed out of contingency?

**Response:** See response to Question 9 regarding dimensions. If there is a significant change in dimensions from that shown in the as-builts, the additional price (as agreed to by the Engineer and Owner) can be billed under the contingency item.

**22. Question:** The access off Sentinal Post has one home that is under construction. Has the homeowner been notified that this project is underway?

**Response:** We have not discussed any access off of Sentinel Post with any property owner. All access to the sewers and manholes that we have shown in this area is through the golf course. If the contractor chooses alternate access locations, then all negotiations with property owners for such access shall be the responsibility of the contractor as specified.

**23. Question:** If the construction is completed at the property owner has augmented that access and therefore caused changes that would result in additional costs in access and restoration

**Response:** See response to Question 22 above.

**24. Question:** Will those costs be billable under contingency?

**Response:** No. See response to Questions 22 above.

----- END OF ADDENDUM NO. 3 -----

**ATTACHMENTS**

- **C-410 Bid Form**

**BID FORM**

**MCALPINE CREEK 54" SANITARY SEWER REHABILITATION PHASE 4  
PRM-40-24-194**

**Bidder Name:** \_\_\_\_\_

**Bid Date:** \_\_\_\_\_

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**ARTICLE 1 – BID RECIPIENT**

1.01 This Bid is submitted to:

***City of Charlotte - Charlotte Water***

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

**ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS**

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 120 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

**ARTICLE 3 – BIDDER’S REPRESENTATIONS**

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2)

the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.

- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

#### **ARTICLE 4 – BIDDER'S CERTIFICATION**

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
  - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
  - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
  - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
  - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

**ARTICLE 5 – BASIS OF BID**

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

<b>BID FORM</b> <b>MCALPINE CREEK 54" SANITARY SEWER REHABILITATION PROJECT - PHASE 4</b> <b>PROJECT NO. PRM-40-24-194</b>					
<b>For furnishing all new materials, labor and equipment that may be incidental to and for the construction of sanitary sewer facilities as specified and outlined below:</b>					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
<b>1</b>	<b>FOR CLEANING AND TELEVISIONING EXISTING 8" AND 54" SEWERS TO FURTHER EVALUATE THE SEWERS, AS SPECIFIED, ANY REQUIRED CLEANING, ANY LOCATION, ANY LENGTH OF SEWER, COMPLETE IN PLACE.</b>				
A.	8" DIAMETER SEWERS	4,784	LF		
B.	54" DIAMETER SEWERS	8,320	LF		
<b>2</b>	<b>FOR PERFORMING POINT REPAIRS TO EXISTING 8" GRAVITY SEWERS USING PVC PIPE, REPAIR LENGTH AS SPECIFIED BELOW, VARIOUS DEPTHS OF SEWER, BACKFILL USING EXCAVATED SOIL EXCEPT AS NOTED, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (EXCEPT FOR WORK PERFORMED ON GOLF COURSE WHERE SUBCONTRACTOR IS REQUIRED), AS SPECIFIED AND IN ACCORDANCE WITH DETAIL B, COMPLETE IN PLACE.</b>				
A.	REPAIR TO EXIST 8" DIAMETER SEWERS USING PVC PIPE				
1)	0 TO 10 FEET DEEP				
(a)	0 TO 12 FEET LONG	3	EA		
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 1(a) ABOVE	30	LF		
2)	10.1 TO 15 FEET DEEP				
(a)	0 TO 12 FEET LONG	3	EA		
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 2(a) ABOVE	30	LF		
3)	ADD-ON PRICE FOR USING DUCTILE IRON PIPE	10	LF		

ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
<b>3</b>	<b>FOR INSTALLING UV-CURE CURED-IN-PLACE PIPE LINING (CIPP) IN EXISTING 8" AND 54" SEWERS, AS SPECIFIED, REQUIRED INSTALLED/FINISHED LINER THICKNESS AS SPECIFIED BELOW, ANY LOCATION, COMPLETE IN PLACE.</b>				
A.	8" DIAMETER SEWER - UV-CURE CIPP INSTALLATION				
1)	3 mm CIPP	4,784	LF		
B.	54" DIAMETER SEWER - UV-CURE CIPP INSTALLATION				
1)	11 mm CIPP	6,589	LF		
2)	12 mm CIPP	1,731	LF		
C.	FOR INTERNALLY RECONNECTING SERVICE LATERALS TO THE CIPP AFTER IT IS INSTALLED				
1)	CONNECTING TO 8" CIPP	5	EA		
2)	CONNECTING TO 54" CIPP	2	EA		
<b>4</b>	<b>FOR TEMPORARY BYPASS PUMPING SYSTEM, AS SPECIFIED, PAYMENT FOR SPECIFIC WORK TASKS AND BYPASS PUMPING OPERATIONS AS SPECIFIED BELOW, COMPLETE IN PLACE.</b>				
A.	TEMPORARY BYPASS SYSTEM DESIGN; SITE PREPARATION FOR PUMP STAGING AREAS; DELIVERY, INSTALLATION, SET-UP AND TESTING OF PRIMARY AND BACK-UP PUMPS, SUCTION PIPING AND DISCHARGE PIPING, INCLUDING ALL FITTINGS, APPURTENANCES, PLUGS, PIPE RESTRAINTS, ETC; AND ALL ELSE REQUIRED FOR SET-UP AND INSTALLATION OF THE PUMPS, SUCTION PIPING, DISCHARGE PIPING AND PIPE PLUGS	1	LS		
B.	OPERATION OF TEMPORARY BYPASS SYSTEM THROUGHOUT THE PROJECT, ALL WORK SPECIFIED IN SECTION 02150; INCLUDING PUMPS, FUEL, LABOR, REPAIRS, SPARE PARTS, SPARE PUMPS, ETC.; LUMP SUM AMOUNT TO BE PAID IN EQUAL MONTHLY PAYMENTS BASED ON DURATION OF PUMPING AS SHOWN ON PROJECT SCHEDULE AND SCHEDULE OF VALUES	1	LS		

ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
C.	BREAK-DOWN AND REMOVAL OF THE TEMPORARY BYPASS SYSTEM INCLUDING PUMPS, PIPING, FITTINGS, PLUGS, PIPE RESTRAINTS, ETC. AFTER THE WORK IS COMPLETE AND COMPLETE SITE RESTORATION	1	LS		
5	<b>FOR REMOVING AND REPLACING MANHOLE TOP SECTIONS AS NECESSARY TO PERFORM THE WORK AND/OR AS DIRECTED BY THE ENGINEER, BID ITEM TO ALSO BE USED FOR LOCATING AND RAISING BURIED MANHOLES, AS SPECIFIED BELOW, ANY LOCATION, COMPLETE IN PLACE, IN ACCORDANCE WITH THE STANDARD DETAILS</b>				
A.	EXISTING 4-FOOT-DIAMETER MANHOLES				
1)	REMOVE EXISTING ABOVE-GRADE MANHOLE FLAT-TOP AND/OR CONE SECTIONS AND/OR RISER SECTIONS TO PERFORM THE WORK AND AS DIRECTED BY THE ENGINEER IN THE FIELD TO IMPROVE THE MANHOLE CONDITION (NO EXCAVATION REQUIRED)	1	EA		
2)	REMOVE EXISTING AT-GRADE MANHOLE FLAT-TOP AND/OR CONE SECTIONS AND/OR RISER SECTIONS TO PERFORM THE WORK AND AS DIRECTED BY THE ENGINEER IN THE FIELD TO IMPROVE THE MANHOLE CONDITION (EXCAVATION REQUIRED)	1	EA		
3)	REINSTALL THE EXISTING MANHOLE SECTIONS THAT WERE REMOVED INCLUDING PROVIDING A WATERTIGHT CONNECTION WITH THE EXISTING MANHOLE SECTIONS	1	EA		
4)	DISPOSE OF THE REMOVED MANHOLE SECTIONS AND INSTALL NEW RISER SECTIONS, ANY HEIGHT OF RISERS REQUIRED BY THE ENGINEER IN THE FIELD, PAID PER VERTICAL FOOT OF RISER	5	VF		
5)	INSTALL A NEW CONE SECTION WITH A 24" CAM-LOCK WATERTIGHT COVER WHERE SPECIFIED IN THE FIELD	1	EA		
6)	INSTALL A NEW FLAT-TOP WITH A 24" CAM-LOCK WATERTIGHT COVER WHERE SPECIFIED IN THE FIELD	1	EA		
B.	EXISTING 5-FOOT-DIAMETER MANHOLES				

ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
1)	REMOVE EXISTING ABOVE-GRADE MANHOLE FLAT-TOP AND/OR CONE SECTIONS AND/OR RISER SECTIONS TO PERFORM THE WORK AND AS DIRECTED BY THE ENGINEER IN THE FIELD TO IMPROVE THE MANHOLE CONDITION (NO EXCAVATION REQUIRED)	6	EA		
2)	REMOVE EXISTING AT-GRADE MANHOLE FLAT-TOP AND/OR CONE SECTIONS AND/OR RISER SECTIONS TO PERFORM THE WORK AND AS DIRECTED BY THE ENGINEER IN THE FIELD TO IMPROVE THE MANHOLE CONDITION (EXCAVATION REQUIRED)	2	EA		
3)	REINSTALL THE EXISTING MANHOLE SECTIONS THAT WERE REMOVED INCLUDING PROVIDING A WATERTIGHT CONNECTION WITH THE EXISTING MANHOLE SECTIONS	2	EA		
4)	DISPOSE OF THE REMOVED MANHOLE SECTIONS AND INSTALL NEW RISER SECTIONS, ANY HEIGHT OF RISERS REQUIRED BY THE ENGINEER IN THE FIELD, PAID PER VERTICAL FOOT OF RISER	15	VF		
5)	INSTALL A NEW CONE SECTION WITH A 24" CAM-LOCK WATERTIGHT COVER WHERE SPECIFIED IN THE FIELD	1	EA		
6)	INSTALL A NEW FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER WHERE SPECIFIED IN THE FIELD	2	EA		
C.	EXISTING 6-FOOT-DIAMETER MANHOLES				
1)	REMOVE EXISTING ABOVE-GRADE MANHOLE FLAT-TOP AND/OR CONE SECTIONS AND/OR RISER SECTIONS TO PERFORM THE WORK AND AS DIRECTED BY THE ENGINEER IN THE FIELD TO IMPROVE THE MANHOLE CONDITION (NO EXCAVATION REQUIRED)	8	EA		
2)	REMOVE EXISTING AT-GRADE MANHOLE FLAT-TOP AND/OR CONE SECTIONS AND/OR RISER SECTIONS TO PERFORM THE WORK AND AS DIRECTED BY THE ENGINEER IN THE FIELD TO IMPROVE THE MANHOLE CONDITION (EXCAVATION REQUIRED)	4	EA		
3)	REINSTALL THE EXISTING MANHOLE SECTIONS THAT WERE REMOVED INCLUDING PROVIDING A WATERTIGHT CONNECTION WITH THE EXISTING MANHOLE SECTIONS	3	EA		

ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
4)	DISPOSE OF THE REMOVED MANHOLE SECTIONS AND INSTALL NEW RISER SECTIONS, ANY HEIGHT OF RISERS REQUIRED BY THE ENGINEER IN THE FIELD, PAID PER VERTICAL FOOT OF RISER	15	VF		
5)	INSTALL A NEW FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER WHERE SPECIFIED IN THE FIELD	3	EA		
D.	EXISTING 8-FOOT-DIAMETER MANHOLES				
1)	REMOVE EXISTING ABOVE-GRADE MANHOLE FLAT-TOP AND/OR CONE SECTIONS AND/OR RISER SECTIONS TO PERFORM THE WORK AND AS DIRECTED BY THE ENGINEER IN THE FIELD TO IMPROVE THE MANHOLE CONDITION (NO EXCAVATION REQUIRED)	1	EA		
2)	REMOVE EXISTING AT-GRADE MANHOLE FLAT-TOP AND/OR CONE SECTIONS AND/OR RISER SECTIONS TO PERFORM THE WORK AND AS DIRECTED BY THE ENGINEER IN THE FIELD TO IMPROVE THE MANHOLE CONDITION (EXCAVATION REQUIRED)	1	EA		
3)	REINSTALL THE EXISTING MANHOLE SECTIONS THAT WERE REMOVED INCLUDING PROVIDING A WATERTIGHT CONNECTION WITH THE EXISTING MANHOLE SECTIONS	1	EA		
4)	DISPOSE OF THE REMOVED MANHOLE SECTIONS AND INSTALL NEW RISER SECTIONS, ANY HEIGHT OF RISERS REQUIRED BY THE ENGINEER IN THE FIELD, PAID PER VERTICAL FOOT OF RISER	2	VF		
5)	INSTALL A NEW FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER WHERE SPECIFIED IN THE FIELD	1	EA		
E.	FOR INSTALLING NEW FRAMES AND COVERS ON EXISTING FLAT-TOPS OR CONE SECTIONS, WHERE SPECIFIED IN THE FIELD				

ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
1)	INSTALL A NEW 24" CAM-LOCK WATERTIGHT COVER	5	EA		
2)	INSTALL A NEW 30" CAM-LOCK WATERTIGHT COVER	2	EA		
F.	FOR INSTALLING NEW STAINLESS STEEL BOLTS IN EXISTING WATERTIGHT COVERS, PAYMENT PER COVER FOR ANY NUMBER OF BOLTS REQUIRED AND ANY DIAMETER AND LENGTH OF BOLT REQUIRED, WHERE SPECIFIED BY THE ENGINEER	10	EA		
G.	FOR INSTALLING NEW VENT PIPES IN EXISTING FLAT-TOP SECTIONS WITH AN EXISTING VENT STUB-OUT OR IN NEW FLAT-TOP SECTIONS WHERE SPECIFIED, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE WITH CHARLOTTE WATER STANDARD SPECIFICATIONS AND DETAILS, INCLUDING PROVIDING THE VENT STUB-OUT IN THE NEW FLAT-TOP.	25	VF		
6	<b>FOR REMOVING EXISTING BELOW-GRADE CAST-IN-PLACE VAULT TOP SECTIONS TO ACCESS THE 54" SEWERS AND INSTALLING NEW PRECAST TRANSITION SECTIONS WITH 4-FOOT-DIAMETER RISERS AND FLAT-TOPS AS SPECIFIED IN SECTION 00300 AND IN DETAIL C1; MANHOLES AS SPECIFIED IN THE DRAWINGS; FOR ANY VAULT, ANY SHAPE/DIMENSIONS, AND IN ANY LOCATION; INCLUDING RESTORING THE AREA COMPLETELY (EXCEPT FOR WORK PERFORMED ON GOLF COURSE WHERE SUBCONTRACTOR IS REQUIRED); COST FOR EACH WORK ITEM AS SPECIFIED BELOW, COMPLETE IN PLACE.</b>				
A.	EXCAVATE AND REMOVE EXISTING CHIMNEY/RISER SECTIONS, EXPOSE THE CAST-IN-PLACE TOP SECTION, NEATLY CUT THE TOP SECTION FROM THE CAST-IN-PLACE WALLS, AND DISPOSE OF ALL REMOVED MATERIALS OFFSITE	5	EA		



ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
B.	INSTALL NEW PRECAST TRANSITION SLAB TO REPLACE THE REMOVED TOP SECTION, ANY DIMENSIONS REQUIRED TO PROPERLY FIT THE EXISTING VAULT STRUCTURE, INCLUDING ALL WORK NECESSARY TO MAKE THE CONNECTION TO THE EXISTING WALLS WATERTIGHT	5	EA		
C.	INSTALL NEW 4-FOOT-DIAMETER RISER SECTIONS, ANY HEIGHT OF RISERS REQUIRED TO MEET THE FINAL TOP ELEVATION SPECIFIED BY THE ENGINEER IN THE FIELD, PAID PER VERTICAL FOOT OF RISER	25	VF		
D.	INSTALL A NEW 4-FOOT-DIAMETER FLAT-TOP WITH A 24" CAM-LOCK WATERTIGHT COVER	5	EA		
<b>7</b>	<b>FOR INSTALLING 1" THICK HYDROGEN-SULFIDE RESISTANT CEMENTITIOUS MORTAR (100% CALCIUM ALUMINATE MATERIAL) ON EXISTING INTERNAL MANHOLE WALLS &amp; BENCHES, AS SPECIFIED AND IN ACCORDANCE WITH DETAIL A, ANY MANHOLE DIAMETER OR DEPTH, ANY LOCATION, COMPLETE IN PLACE.</b>				
A.	EXISTING 4-FOOT-DIAMETER MANHOLES	150	VF		
B.	EXISTING 5-FOOT-DIAMETER MANHOLES	50	VF		
C.	EXISTING 6-FOOT-DIAMETER MANHOLES	80	VF		
D.	EXISTING 8-FOOT-DIAMETER MANHOLES	30	VF		
E.	EXISTING 10-FOOT-DIAMETER MANHOLES	20	VF		
<b>8</b>	<b>FOR REBUILDING EXISTING MANHOLE BENCHES AND INVERT CHANNELS, ANY CONFIGURATION, INCLUDING BYPASS PUMPING, AS SPECIFIED, COMPLETE IN PLACE.</b>				
A.	IN MANHOLES FOR THE 8" SEWERS, ANY SIZE AND CONFIGURATION	5	EA		
B.	IN MANHOLES/VAULTS/STRUCTURES FOR THE 54" SEWERS, ANY SIZE AND CONFIGURATION	2	EA		
<b>9</b>	<b>ALLOWANCE FOR RESTORATION ON THE CARMEL COUNTRY CLUB PROPERTY BY BARTELS CONSTRUCTION, AS SPECIFIED</b>	1	LS	\$75,000.00	\$75,000.00

ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL
<b>10</b>	<b>FOR PERFORMING CONCRETE RESTORATION WORK AS DEFINED BELOW, INCLUDING CONCRETE DRIVEWAYS, WALKWAYS AND GOLF CART PATHS, WHEN SPECIFICALLY APPROVED AND DIRECTED BY THE ENGINEER, AS SPECIFIED, COMPLETE IN PLACE.</b>				
A.	4-INCH FIBER REINFORCED CONCRETE	25	SY		
B.	5-INCH FIBER REINFORCED CONCRETE	25	SY		
C.	6-INCH FIBER REINFORCED CONCRETE	25	SY		
<b>11</b>	<b>INSTALL SOD FOR GRASS RESTORATION, AREAS OUTSIDE OF THE COUNTRY CLUB PROPERTY, WHERE APPROVED AND DIRECTED BY THE ENGINEER, COST PER SQUARE YARD OF INSTALLED SOD</b>	50	SY		
	<b>SUBTOTAL (ITEMS 1-11)</b>				
<b>12</b>	<b>FOR MOBILIZATION TO THE PROJECT SITE, AS SPECIFIED (2% OF SUBTOTAL)</b>				
	<b>SUB-SUBTOTAL (ITEMS 1-12)</b>				
<b>13</b>	<b>CONTINGENCY ALLOWANCE (5% OF SUB-SUBTOTAL)</b>				
	<b>TOTAL (SUB-SUBTOTAL + CONTINGENCY)</b>				

*Contingency allowance shall be used only upon written approval of Owner for additional work not included in the Contract Documents. The amount paid will be negotiated as lump sum or unit price per each item of additional work. Any unused portion of the allowance remaining at the completion of the Contract shall revert to Owner as a credit. Owner reserves the right to delete the allowance from the Contract prior to award. Should an amount other than 5% of the total Bid price be entered in the space provided, Owner reserves the right to change this amount to the correct figure.*

**- ATTACH CD OR FLASH DRIVE OF EXCEL BID FORM TO THIS PAGE -**

**Reference Instructions to Bidders Paragraph 13.11 for requirement to submit electronic Bid data.**

## **ARTICLE 6 – TIME OF COMPLETION**

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder agrees that portions of the Work incorporated into intermediate Milestones will be completed by the associated Milestone dates included in the Agreement.
- 6.03 Bidder accepts the provisions of the Agreement as to liquidated damages.

## **ARTICLE 7 – ATTACHMENTS TO THIS BID**

- 7.01 The following documents are submitted with and made a condition of this Bid:
  - A. Required Bid security
  - B. List of Subcontractors
  - C. Debarred Firms
  - D. E-Verify Certification
  - E. Non-Collusive Affidavit
  - F. Certification Regarding Debarment, Suspension and Other Responsibility Matters
  - G. Byrd Anti-Lobbying Certification
  - H. Contractor Safety Assessment
  - I. Bidder Qualification Statement
  - J. Corporate Authority to Execute Bid and Agreement
  - K. Charlotte Business Inclusion Form 1 and/or 3

## **ARTICLE 8 – DEFINED TERMS**

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the [Instructions to Bidders, the General Conditions, and the Supplementary Conditions] **[OR]** [Instructions to Bidders and Small Projects Contract].

**ARTICLE 9 – BID CERTIFICATION**

PROJECT: McAlpine Creek 54" Sanitary Sewer Rehabilitation Phase 4

BIDDER: *[Indicate correct legal name of bidding entity as registered with the City of Charlotte]*

By:

*[Signature]* \_\_\_\_\_

*[Printed name]* \_\_\_\_\_

Title: \_\_\_\_\_

***(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)***

Attest:

*[Signature]* \_\_\_\_\_

*[Printed name]* \_\_\_\_\_

Title: \_\_\_\_\_

Submittal Date: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email: \_\_\_\_\_

NC General Contractor's  
License No.: \_\_\_\_\_

Classification: \_\_\_\_\_

Limits: \_\_\_\_\_

Other Licenses (Type &  
No.) \_\_\_\_\_

City of Charlotte

Vendor Number: \_\_\_\_\_

Communications concerning this Bid shall be addressed to:

Contact Name: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Address: \_\_\_\_\_

*(if different from above)* \_\_\_\_\_

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

\_\_\_\_\_  
Signature

My commission expires \_\_\_\_\_

If Bid is submitted as a Joint Venture or Partnership, a second Bid Certification must be filled out for the second member of the Joint Venture or Partnership.