



# PUBLIC WORKS WATER POLLUTION CONTROL

ADMINISTRATION

50 MARKET STREET, KANSAS CITY, KANSAS 66118

(913) 573-1300

**AMENDMENT NO. 4  
UNIFIED GOVERNMENT OF WYANDOTTE COUNTY / KANSAS CITY, KANSAS  
ENGINEERING DIVISION, PUBLIC WORKS DEPARTMENT  
CSO 19 SEWER SEPARATION (PHASE 1)  
PROJECT I.D. 6311**

**March 5, 2024**

Offerors on CSO 19 SEWER SEPARATION (PHASE 1) are hereby notified that the following amendments are made to the Project's Contract Documents. Proposals to be submitted on March 6, 2024, shall conform to these amendments. This amendment adds, changes, or clarifies the following:

**AMENDMENTS TO THE CONTRACT SPECIFICATIONS:**

**1. BID:**

A. Delete the Bid section in its entirety and replace with the Bid section, Revision 4, dated March 5, 2024, attached to this Amendment No. 4.

**2. TECHNICAL SPECIFICATION SECTION 1100 – PROGRESS AND PAYMENT:**

A. Remove Technical Specification Section 1100 in its entirety and replace with Section 1100, Revision 2, dated March 5, 2024, attached to this Amendment No. 4.

There are no further changes to CSO 19 SEWER SEPARATION (PHASE 1) at this time.

**Acknowledge receipt and acceptance of this Amendment No. 4 in the appropriate space provided on the BID form.**

Attachments: Bid Section, Revision 4  
Technical Specification Section 1100 – Progress and Payment Revision 2

**BID**

**UNIFIED GOVERNMENT OF WYANDOTTE COUNTY/KANSAS CITY, KANSAS**

**B I D**

To: The Unified Government of Wyandotte County/Kansas City, Kansas

Proposal of \_\_\_\_\_  
(hereinafter called "Bidder") organized and existing under the laws of the State of \_\_\_\_\_, doing business as \_\_\_\_\_.

1. In compliance with the Invitation for Bids, the undersigned Bidder hereby proposes to furnish all material, tools, labor and equipment and to perform all Work necessary to construct and complete the Project known as:

**Project Name: CSO 19 Sewer Separation (Phase 1)**  
**Project ID: 6311**

in strict accordance with the Contract Documents, within the time set forth herein, and at the prices stated herein.

2. By submission of this Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies, as to his own organization, that:
  - A. The price submitted is independently arrived at without collusion.
  - B. The bidder has not knowingly influenced and promises that it will not knowingly influence a Unified Government employee or former Unified Government employee to breach any of the ethical standards set forth in Article 12 (Ethics in Public Contracting) of the Procurement Code.
  - C. The Bidder has not violated, is not violating, and promises that it will not violate the prohibition against gratuities and kickbacks set forth in Sec. 29-635 of the Unified Government Code (Gratuities and Kickbacks).
  - D. The Bidder represents that he has not retained and will not retain a person to solicit or secure a Unified Government contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except for retention of bona fide employees or bona fide established commercial selling agencies for the purpose of securing business.
3. Bidder hereby agrees the Work will be Substantially Completed on or before **December 31, 2024**, and completed and ready for final payment in accordance with the General Conditions

on or before **April 30, 2025**.

4. Bidder acknowledges receipt of the following Amendment(s):

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5. Bidder agrees to furnish all materials, labor, tools, equipment and perform all the Work described in the Contract Documents for the following prices:

**BASE BID**

<u>Item No.</u>	<u>Description<sup>(1)</sup></u>	<u>Estimated Quantity<sup>(2)</sup></u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
<b>A. MOBILIZATION</b>					
A-1	Mobilization	1	LS	\$ _____	\$ _____

**SUBTOTAL A:**

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**B. INTERNAL CCTV SEWER PIPE INSPECTION**

B-1	Pre-Construction CCTV	4,078	LF	\$ _____	\$ _____
B-2	Post-Construction CCTV, Sanitary, 8-inch through 15-inch	1,603	LF	\$ _____	\$ _____
B-3	Post Construction CCTV, Sanitary, 18-inch and greater	1,552	LF	\$ _____	\$ _____
B-4	Post-Construction CCTV, Storm, 15-inch and greater	5,904	LF	\$ _____	\$ _____

**SUBTOTAL B:**

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**C. PAVEMENT AND MISCELLANEOUS REMOVAL AND RESTORATION**

C-1	Remove Curb & Gutter	2,181	LF.	\$ _____	\$ _____
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C-2	Remove Sidewalk	9,365	SF	\$ _____	\$ _____
C-3	Remove Inlet	29	EA	\$ _____	\$ _____
C-4	Remove Pavement	3,054	SY.	\$ _____	\$ _____
C-5	Remove Existing Pipe, 18-inch diameter and smaller	224	LF	\$ _____	\$ _____
C-6	Remove Existing Pipe Larger than 18-inch Diameter	663	LF	\$ _____	\$ _____
C-7	Abandon Pipe In-Place, Fill with Flowable Fill	165	CY	\$ _____	\$ _____
C-8	Brace Street Lighting or Power Poles	14	EA	\$ _____	\$ _____
C-9	Remove and Reinstall Sign	16	EA	\$ _____	\$ _____
C-10	Remove and Reinstall Fire Hydrant	5	EA	\$ _____	\$ _____
C-11	Construct Concrete Curb & Gutter	2,181	LF	\$ _____	\$ _____
C-12	Construct Concrete Sidewalk, 4-inch Thick	5,262	SF	\$ _____	\$ _____
C-13	Construct 10-Foot Wide Concrete Sidewalk, 7- inches Thick	2,445	SF	\$ _____	\$ _____
C-14	Construct ADA Ramps	2,588	SF	\$ _____	\$ _____
C-15	Construct Concrete Driveway	343	SF	\$ _____	\$ _____
C-16	Construct Concrete Trench Patch – 6-inches thick	8,692	LF	\$ _____	\$ _____
C-17	Construct Concrete Pavement, 8-inch Thick	3,054	SY	\$ _____	\$ _____

C-18	Roadway Mill and Asphalt Overlay	5,521	SY	\$ _____	\$ _____
C-19	Pavement Markings	1	LS	\$ _____	\$ _____
C-20	Sodding	2,455	SY	\$ _____	\$ _____
C-21	Remove and Reinstall Fence	200	LF	\$ _____	\$ _____

**SUBTOTAL C:**

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**D. STORM SEWER PIPE AND MANHOLE CONSTRUCTION**

D-1	15-Inch Diameter Storm Sewer	2,419	LF	\$ _____	\$ _____
D-2	18-Inch Diameter Storm Sewer	1,848	LF	\$ _____	\$ _____
D-3	24-Inch Diameter Storm Sewer	346	LF	\$ _____	\$ _____
D-4	30-Inch Diameter Storm Sewer	673	LF	\$ _____	\$ _____
D-5	36-Inch Diameter Storm Sewer	19	LF	\$ _____	\$ _____
D-6	42-Inch Diameter Storm Sewer	385	LF	\$ _____	\$ _____
D-7	48-Inch Diameter Storm Sewer	152	LF	\$ _____	\$ _____
D-8	Storm Sewer Manhole, 48-inch Diameter, 8-Feet Deep	10	EA	\$ _____	\$ _____
D-9	Storm Sewer Manhole, 60-inch Diameter, 8-Feet Deep	8	EA	\$ _____	\$ _____
D-10	Storm Sewer Manhole, 72-inch Diameter, 8-Feet Deep	6	EA	\$ _____	\$ _____

D-11	Storm Sewer Manhole, 84-inch Diameter, 8-Feet Deep	2	EA	\$0	\$
D-12	Storm Sewer Manhole, 96-inch Diameter, 8-Feet Deep	1	EA	\$	\$
D-13	Storm Sewer Manhole, 108-inch Diameter, 8-Feet Deep	1	EA	\$	\$
D-14	Additional Depth Beyond 8-Feet, 48-Inch Dia MH	38	VF	\$	\$
D-15	Additional Depth Beyond 8-Feet, 60-Inch Dia MH	10	VF	\$	\$
D-16	Additional Depth Beyond 8-Feet, 72-Inch Dia MH	24	VF	\$	\$
D-17	Additional Depth Beyond 8-Feet, 84-Inch Dia MH	5	VF	\$	\$
D-18	Additional Depth Beyond 8-Feet, 96-Inch Dia MH	4	VF	\$	\$
D-19	Additional Depth Beyond 8-Feet, 108-Inch Dia MH	7	VF	\$	\$
D-20	Storm Sewer Inlet, 5'X3', Setback or In-Line	44	EA	\$	\$
D-21	Storm Sewer Inlet, 5'X5', Setback or In-Line	2	EA	\$	\$
D-22	Storm Sewer Inlet, 8'X3', Setback or In-Line	2	EA	\$	\$
D-23	Flow Control Structure (000-002-FCS)	1	LS	\$	\$
D-24	Stormwater Pre-Treatment Device	1	LS	\$	\$

**SUBTOTAL D:**

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**E. SANITARY SEWER PIPE AND MANHOLE CONSTRUCTION**

E-1	12-Inch Diameter Sanitary Sewer	590	LF	\$ _____	\$ _____
E-2	15-Inch Diameter Sanitary Sewer	1,175	LF	\$ _____	\$ _____
E-3	18-Inch Diameter Sanitary Sewer	377	LF	\$ _____	\$ _____
E-4	21-Inch Diameter Sanitary Sewer	1,055	LF	\$ _____	\$ _____
E-5	Sanitary Sewer Manhole, 48-Inch Diameter, 8-Feet Deep	20	EA	\$ _____	\$ _____
E-6	Sanitary Sewer Manhole, 60-Inch Diameter, 8-Feet Deep	1	EA	\$ _____	\$ _____
E-7	Sanitary Sewer Manhole, 72-Inch Diameter, 8-Feet Deep	1	EA	\$ _____	\$ _____
E-8	Sanitary Sewer Manhole, 84-Inch Diameter, 8-Feet Deep	1	EA	\$ _____	\$ _____
E-9	Sanitary Sewer Manhole, 96-Inch Diameter, 8-Feet Deep	1	EA	\$ _____	\$ _____
E-10	Additional Depth Beyond 8-Feet, 48-Inch Sanitary MH	163	VF	\$ _____	\$ _____
E-11	Additional Depth Beyond 8-Feet, 60-Inch Sanitary MH	5	VF	\$ _____	\$ _____
E-12	Additional Depth Beyond 8-Feet, 72-Inch Sanitary MH	6	VF	\$ _____	\$ _____
E-13	Additional Depth Beyond 8-Feet, 84-Inch Sanitary MH	5	VF	\$ _____	\$ _____

E-14	Additional Depth Beyond 8-Feet, 96-Inch Sanitary MH	11	VF	\$ _____	\$ _____
E-15	6-Inch Diameter Sanitary Sewer Lateral	200	LF	\$ _____	\$ _____
E-16	Sanitary Sewer Lateral Wye Connection	15	EA	\$ _____	\$ _____

**SUBTOTAL E:**

**F. MISCELLANEOUS**

F-1	Project Signs	2	EA	\$ _____	\$ _____
F-2	Traffic Control	1	L.S.	\$ _____	\$ _____
F-3	Bypass Pumping	1	L.S.	\$ _____	\$ _____
F-4	Erosion and Sediment Control	1	L.S.	\$ _____	\$ _____
F-5	Construction Staking	1	L.S.	\$ _____	\$ _____
F-6	Furnish and Construct Big Eleven Lake Aeration System	1	L.S.	\$ _____	\$ _____

**SUBTOTAL F:**

**AL. CONSTRUCTION ALLOWANCES**

AL-1	Brownfield Allowance	1	LS	\$50,000.00	\$50,000.00
AL-2	Building Demolition Allowance	1	LS	\$200,000.00	\$200,000.00
AL-3	Force Account Allowance	1	L.S.	\$300,000.00	\$300,000.00

**SUBTOTAL AL: **\$550,000.00****

**TOTAL BID AMOUNT FOR CSO 19 SEWER SEPARATION (PHASE 1) (SUBTOTAL A + B + C + D + E+F+ AL):**

\_\_\_\_\_ dollars and  
(written in words)

\_\_\_\_\_ cents.  
(written in words)

\$ \_\_\_\_\_ .  
(figures)

- <sup>(1)</sup>See Specification Section 1100 – Progress and Payment for a more detailed description.
- <sup>(2)</sup>Quantities are not guaranteed. Final Payment will be based on actual quantities.
- <sup>(3)</sup>Include allowances in Total Bid Amount.

Respectfully submitted,

By \_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

SEAL

\_\_\_\_\_  
Title

Bidder's form of business is:

Attest \_\_\_\_\_  
(Corporations only)

\_\_\_\_\_ An INDIVIDUAL,  
residing in the State of \_\_\_\_\_

\_\_\_\_\_  
Business Address

\_\_\_\_\_ A PARTNERSHIP,  
organized in the State of \_\_\_\_\_

\_\_\_\_\_  
License Number (if applicable)

\_\_\_\_\_ A CORPORATION,  
incorporated in the State of \_\_\_\_\_

**BID BOND**

Bond No. \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS:

THAT WE, \_\_\_\_\_,  
(Name of Contractor)

as Principal, and \_\_\_\_\_,  
(Name of Surety Company)

a corporation duly organized under the laws of the State of \_\_\_\_\_, and authorized to do business in Kansas as Surety, are held and firmly bound unto the Unified Government of Wyandotte County/Kansas City, Kansas for the sum of

\_\_\_\_\_ Dollars (\$\_\_\_\_\_), for the payment of which sum well and truly to be made, the said Principal and the said Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for:

**Project Name: CSO 19 Sewer Separation (Phase 1)**  
**Project ID: 6311**

NOW, THEREFORE, if the Unified Government shall accept the bid of the Principal, and the Principal shall enter into a Contract with the Unified Government in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such contract and give such bond or bonds, if the Principal shall pay to the Unified Government the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Unified Government may in good faith contract with another party to perform work covered by said bid and such larger amount for which the Unified Government may in good faith contract with another party to perform work covered by said bid or an appropriate liquidated amount as specified in the Invitation for Bids then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this . day of \_\_\_\_\_, 20 \_\_\_\_.

**CONTRACTOR:**

**SURETY:**

\_\_\_\_\_  
(Name of Contractor)

\_\_\_\_\_  
(Name of Surety)

(Seal)

(Seal)

By \_\_\_\_\_

By \_\_\_\_\_

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Title)

**Attorney in Fact**

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
(Witness)

**Approved:**

\_\_\_\_\_  
(Chief Counsel)

SECTION 1100 – PROGRESS AND PAYMENT

PART 1 - GENERAL

1.01 Measurement and Payment

- A. Scope: This section lists bid items, their unit of payment, method and limits of measurement, and subsidiary work included in the pay item.
- B. Entire Cost: The unit prices shown in the bid shall reflect the entire cost for the construction of the complete work, in conformance with the plans and specifications. Cost for items called for in or reasonably inferred as necessary from the construction documents, for which a specific unit price or lump sum price is not listed in the bid, shall be included in the price for the closest applicable items.
- C. Non-Pay Items Subsidiary to the Work as a Whole: The following items are subsidiary to the whole work. The cost of these items shall be balanced throughout the separate pay items. Timely completion of subsidiary work shall be a condition for recommendation of progress payments.

Subsidiary items: all supervision, testing, labor, materials, equipment, and all necessary incidentals required to furnish and install the Work, as well as payment for mobilization, bonds, insurance, permits, and licenses; profit, overhead, markups, safety, and coordination; Contractor's supervision, work plan, progress schedules, and site meetings; environmental controls; temporary facilities; temporary fencing; all erosion control materials and installation; all clearing and grubbing; connection to existing manholes, including installation of new line into the manhole, reshaping the invert to accept the flows; connection to existing pipes; trench excavation; rock excavation; embedment; backfill, granular trench backfill; disposal of excavated material not used as backfill; dewatering as required; bypass pumping; compaction; granular backfill material or concrete required by trench widths exceeding the maximum allowable trench width for any pipe as shown on the plans; concrete encasement as indicated on the plans; impervious ditch checks as indicated on the plans; existing utility removal, replacement and relocation; parking and traffic control; photographic record; job site water, electrical power, trash and sanitary services, field office, protection and restoration of existing improvements and utilities; adjustment, relocation and repair of existing water service lines including service meter boxes and service shut off valves; protection and repair of completed portions of the work; correction of defective work; surface restoration; replacement of unsuitable pipe foundation material; tree removal and saving; required herewith

Subsidiary items shall also include field inspection and verification of existing conditions as necessary to perform the work, including confirmation of depths, diameters, and materials; presence of drop pipes; number and size of pipes entering/existing manholes, prior to installation.

- D. The Contractor shall accept the compensation, as provided in the Contract, in full payment for furnishing all materials, labor, tools and equipment necessary to the completed work and for performing all work contemplated and embraced under the Contract; also, for loss or damage arising from the nature of the work, or from the action of the elements or from any unforeseen difficulties which may be encountered during the prosecution of the work until the final acceptance by the Owner, and for all risks of every description connected with the prosecution of the work; also, for all expenses incurred in consequence of the suspension or discontinuance of the work as herein specified; and for completing the work according to the Drawings and Specifications.

- E. Contractor shall make partial payments to Subcontractors for work completed.
- F. The Supplemental General Conditions establish the responsibility for performing various tests and inspections. Tests that are the responsibility of the Contractor and his suppliers are subsidiary to the related item.
- G. Measurement and payment for each work item shall be in accordance with the following:

**A. MOBILIZATION**

**ITEM A-1 Mobilization**

- A. Mobilization is a lump sum (LS) item and shall not exceed 3.5% of the calculated Base Bid Adjustment Unit Price Extension Subtotal, respectively for above line items.
- B. This item shall be paid with the first Application for Payment.

**B. INTERNAL CCTV SEWER PIPE INSPECTIONS**

**ITEM B-1 THROUGH B-4: CCTV Inspections**

- A. Cleaning shall include light cleaning, as well as any heavy cleaning of 8-inch and larger sewer pipe necessary to perform CCTV inspections. Heavy cleaning with root cutters and mechanical chains are included in the cost of this item. Contractor shall submit supporting documentation, CCTV, and written explanation to Owner if the rehabilitation method shown in the plans is recommended to be changed. The cleaning and CCTV will be paid by linear foot (LF) inclusive of all pipe diameters.
- B. Cleaning shall include light cleaning, as well as any heavy cleaning of sewer pipe necessary to verify the pre-construction condition for each main sewer segment designated.
- C. Measurement and payment for pre-cleaning will be made for each line segment and will be limited to each line segment's actual length from inside edge of manhole to inside edge of manhole. No additional payment will be made for subsequent cleaning and CCTV and no additional payment will be made for mainline sewer segments requiring reverse set-up or for locating manholes to perform complete CCTV.
- D. Contractor shall submit preliminary CCTV along reports with NASSCO coding prior to payment of this item. CCTV data shall be reviewed and approved by Owner/Engineer prior to payment being made.

**C. PAVEMENT AND MISCELLANEOUS REMOVAL AND RESTORATION**

**ITEM C-1 through C-6 Removals**

Payment for Removals shall be in accordance with the unit prices set forth in the Contractor's proposal for each item removed.

The unit price shall be the total cost for, but not limited to, furnishing all supervision, labor, materials, equipment, and all necessary incidentals needed to remove pavement, sidewalk, pipe, and structures as shown, specified, and directed. The unit price shall include, but not be limited to, traffic control; safety equipment; site preparation and excavation; disposal of excavated material not used for backfill; dewatering/bypass pumping as necessary; backfilling and compaction; final grading; debris disposal; erosion control; cleanup; and surface restoration to match or exceed existing conditions; temporary fencing; clearing and grubbing; installation and subsequent removal of silt fencing and/or erosion control devices as required.

All paving items including curb & gutter, driveways, sidewalk, and street pavement shall be removed to existing joints or to full depth sawcuts. Driveway removal quantities are included with Pavement Removals.

**ITEM C-7: Abandon Pipe In-Place, Fill with Flowable Fill**

This item shall apply to pipes 12-inch and larger that are to be abandoned in place. Measurement shall be per cubic yard of flowable fill placed.

Payment shall be full compensation for exposing pipe to be abandoned, plugging each end with concrete or grout, fully filling the interior of the pipe with flowable fill. The unit price shall include, but not be limited to, traffic control; safety equipment; site preparation and excavation; disposal of excavated material not used for backfill; dewatering/bypass pumping as necessary; backfilling and compaction; final grading; debris disposal; erosion control; cleanup; temporary fencing; clearing and grubbing; installation and subsequent removal of silt fencing and/or erosion control devices as required.

**ITEM C-8: Brace Street Lighting or Power Poles**

This item shall apply to bracing of street lighting or power poles performed by BPU and charged to the Contractor for utility construction or re-construction of curb returns. Payment shall be made per each required street light or power pole braced by BPU.

Payment shall be full compensation for Contractor's coordination with BPU and BPU fees for work performed.

**ITEM C-9: Remove and Reinstall Sign**

This item shall apply to the removal of street and traffic signs to accommodate utility construction. Payment shall be made per each required street sign removal and reinstallation.

Payment shall be full compensation for removing the street sign, storage of the sign and post, and reinstallation at or near its existing location.

**ITEM C-10: Remove and Reinstall Fire Hydrant**

This item shall be measured and paid per each fire hydrant removed and reinstalled to accommodate utility construction.

Payment shall be full compensation for closing hydrant valves, removing hydrant and necessary fittings, storage of the hydrant and fittings, and reinstallation and returning the fire hydrant to service following utility pipe installation, backfill and compaction of excavations, and

returning the area to original surface grades. New hydrant locations shall be coordinated with BPU Water and installed to their standards.

**ITEM C-11: Construct Concrete Curb & Gutter**

This item shall be paid per the lineal foot price included in the bid. Measurement shall be made along the back of curb.

Construction of Concrete Curb & Gutter shall be in accordance with Specification Section 2209. For new inlets Concrete Curb & Gutter shall be measured along back of curb to the outside edge of the new inlet.

**ITEM C-12 Construct Concrete Sidewalk, 4-Inches Thick**

This item shall be paid by the square foot and constructed at the various widths shown on the plans.

Construction of Concrete Sidewalk shall be in accordance with Specification Section 2301.

**ITEM C-13 Construct 10-Foot Wide Concrete Sidewalk, 7-Inches Thick**

This item shall be paid by the square foot and constructed as shown on the plans on the east side of 11<sup>th</sup> Street between Minnesota Ave and State Ave.

Construction of Concrete Sidewalk shall be in accordance with Specification Section 2301.

**ITEM C-14 Construct ADA Ramps**

This item shall be paid by the square foot and constructed at the various locations and configurations shown on the plans.

Construction of ADA Ramps shall be in accordance with Specification Section 2301.

**ITEM C-15: Construct Concrete Driveway**

This item shall be measured and paid by the square foot where driveways are required to be removed to complete the utility construction. Construction of Concrete Driveway shall be in accordance with Specification section 2301.

**ITEM C-16: Construct Trench Patch, 6-inch Concrete**

This item shall be paid per lineal foot of trench as measured along centerline of pipe as installed.

Construction of this item includes removal of existing pavement to 1-foot beyond the limits of the pipe trench on both sides, compaction and preparation of subgrade per Specification Section 2201, placement of a 6-inch thick non-reinforced concrete slab over the trench which will become a subbase for final asphalt surfacing. Concrete trench patch may be poured flush with surface of existing asphalt; however, in that case concrete trench patch must be 8 inches thick instead of 6 inches thick to account for 2 inches of milling performed under Item C-18. Asphalt surfacing over the concrete trench patch shall be paid under item C-18.

**ITEM C-17: Construct Concrete Pavement, 8-inch Thick**

This item shall be constructed in accordance with Section 2208. Subgrade preparation and subgrade stabilization shall be included in the pavement item and shall be in accordance with Section 2201 and 2202 respectively.

**ITEM C-18: Roadway Mill and Asphalt Overlay**

Item shall be constructed in accordance with Specification Section 2205. Final asphalt paving over concrete trench patching shall also be

measured for payment under this item. Asphalt paving over concrete trench patching shall extend a minimum of one-foot beyond the trench patch on both sides. If edge of concrete trench patch is within 3-feet of new or existing curb, asphalt removal and new asphalt overlay shall extend to the curb line.

**ITEM C-19: Pavement Markings**

Lump sum payment for pavement markings shall be for work completed in accordance with Section 2306.

**ITEM C-20: Sodding**

Sodding shall be measured and paid at the price per square yard included in the bid. Sodding shall be placed to restore all residential yards and park areas disturbed by utility construction. Sodding shall be in accordance with Section 2402.

**ITEM C-21: Remove and Reinstall Fence**

This item shall be paid per lineal foot for all fences required to be removed to accommodate utility construction. Fences shall be replaced with existing materials as removed or new materials of the same type if damaged during removal or storage. No separate measurement shall be made of the various fence materials required to be removed and reinstalled.

Fence construction shall be in accordance with Section 2307.

**D. STORM SEWER PIPE AND MANHOLE CONSTRUCTION**

**ITEM D-1 THROUGH D-7: Storm Sewer Pipe Construction**

Payment for this item(s) shall be in accordance with the unit price set forth in the Contractor's proposal. Measurement shall be along centerline of pipe from inside wall of structures.

Materials and construction shall be in accordance with Section 2602.

**ITEM D-8 THROUGH D-13: Storm Sewer Manhole Construction**

Payment for this item(s) shall be in accordance with the unit price set forth in the Contractor's proposal. Measurement shall be for each manhole of each specific diameter constructed to a depth of 8-feet or less. Manhole construction shall be in accordance with Section 2604.

**ITEM D-14 THROUGH D-19: Additional Depth Beyond 8-Feet for Manhole Construction**

Payment for this item(s) shall be in accordance with the unit price set forth in the Contractor's proposal. Measurement shall be from invert of the manhole to the top of the casting, less 8-feet.

Manhole construction shall be in accordance with Section 2604

**ITEM D-20 THROUGH D-22: Storm Sewer Inlet Construction**

Payment for this item(s) shall be in accordance with the unit price per each set forth in the Contractor's proposal. Measurement shall be made for inlets constructed at the dimensions shown in the proposal. No separate measurements shall be made for inlets constructed as Set-back or In-line. Inlet construction shall be in accordance with Section 2604.

**ITEM D-23: Flow Control Structure (000-002-FCS)**

Payment for this item(s) shall be per lump sum in accordance with the unit price set forth in the Contractor's proposal.

The unit price shall be the total cost for, but not limited to, furnishing all mobilization, supervision, testing, labor, materials, equipment, and all necessary incidentals needed to construct the structure either by pre-cast or cast-in-place methods.

Construction shall be in accordance with Section 2604.

**ITEM D-24: Stormwater Pre-treatment Device**

Payment for this item(s) shall be per lump sum in accordance with the unit price set forth in the Contractor's proposal.

The unit price shall be the total cost for, but not limited to, furnishing all mobilization, supervision, testing, labor, materials, equipment, and all necessary incidentals needed to furnish and install the pretreatment device as shown on the drawings.

The pretreatment device equipment shall be in accordance with manufacturers specifications and as shown on the Drawings.

**E. SANITARY SEWER PIPE AND MANHOLE CONSTRUCTION**

**ITEM E1 THROUGH E4 Sanitary Sewer Construction**

Payment for this item(s) shall be in accordance with the unit price set forth in the Contractor's proposal for the pipe diameter specified.

Measurement shall be made for each pipe diameter along the centerline of the pipe from inside wall of structure to inside wall of structure.

Construction shall be in accordance with Section 2501 through 2506.

**ITEM E5 THROUGH E9 Sanitary Sewer Manhole Construction**

Payment for this item(s) shall be in accordance with the unit price set forth in the Contractor's proposal. Measurement shall be for each manhole of each specific diameter constructed to a depth of 8-feet or less.

Manhole construction shall be in accordance with Section 2509.

**ITEM E10 THROUGH E14 Additional Depth Beyond 8-feet for Manhole Construction**

Payment for this item(s) shall be in accordance with the unit price set forth in the Contractor's proposal. Measurement shall be from invert of the manhole to the top of the casting, less 8-feet for each diameter of manhole constructed.

Manhole construction shall be in accordance with Section 2509.

**ITEM E-15 6-Inch Diameter Sanitary Sewer Lateral**

Payment for this item(s) shall be in accordance with the lineal foot unit price per each set forth in the Contractor's proposal. Measurement shall be along pipe centerline including measurement through the fittings from the point of connection to the existing pipe to the wye fitting connection. No separate payment will be made for fittings other than the payment for lineal footage of sewer lateral measured through the

fitting. Construction shall be in accordance with Section 2501 through 2506.

**ITEM E-16 Sanitary Sewer Lateral Wye Connection**

Payment for this item(s) shall be in accordance with the unit price per each set forth in the Contractor's proposal. No measurement will be made for different main line pipe sizing or lateral pipe sizing installed. Construction shall be in accordance with Section 2501 through 2506.

**F. MISCELLANEOUS**

**ITEM F-1. Project Signs**

Payment for this item(s) shall be per each in accordance with the unit price set forth in the Contractor's proposal for furnishing and installing project signs.

The unit price shall be the total cost for, but not limited to, furnishing signs, installation at locations provided by the Owner, maintenance of sign during the duration of the project, and removal and disposal of the sign after project completion.

**ITEM F-2 Traffic Control**

Payment for this item(s) shall be in accordance with the lump sum unit price set forth in the Contractor's proposal. No measurement shall be made and payment shall be based on the overall percentage of completion of the project.

Traffic control shall be in accordance with Section 2305.

**ITEM F-3 Bypass Pumping**

Payment for this item(s) shall be per lump sum in accordance with the unit price set forth in the Contractor's proposal. No measurement shall be made and payment shall be based on the percentage of sanitary sewer pipe completed for the project.

**ITEM F-4 Erosion and Sediment Control**

Payment for this item(s) shall be in accordance with the lump sum price price set forth in the Contractor's proposal. No measurement shall be made and payment shall be based on the overall percentage of completion of the project.

Erosion and Sediment Control shall be in accordance with Section 2150.

**ITEM F-5 Construction Staking**

Payment for this item(s) shall be in accordance with the lump sum unit price set forth in the Contractor's proposal. No measurement shall be made and payment shall be based on the overall percentage of completion of the project.

**ITEM F-6 Furnish and Construct Big Eleven Lake Aeration System**

Payment for this item(s) shall be in accordance with the lump sum unit price set forth in the Contractor's proposal. No measurement shall be made and payment will be based on the percentage of completion of the item estimated at the time of preparation of the payment request. Materials and construction of the aeration system shall be in accordance with the project Drawings.

#### **AL. ALLOWANCE**

##### **ITEM AL-1 THROUGH AL-3: Allowances**

Additional work requested by the Owner that is not specifically stated in the construction contract documents shall be paid as part of these Line Item.

Contractor's maximum upper limit for compensation includes a total allowance amount of \$550,000 not yet authorized by Owner that may be required throughout the course of the work. This allowance amount shall not be utilized unless specifically authorized in writing by the Owner to perform additional work. Additional work shall not be performed, nor is the Contractor approved to utilize any of the allowance amount, unless the Owner provides written authorization to Contractor that includes the scope of the work to be performed and a maximum billing limit for compensation that has been mutually agreed upon.

PART 2 - PRODUCTS - NOT APPLICABLE

PART 3 - EXECUTION - NOT APPLICABLE

END OF SECTION 1100