



"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21ST CENTURY"

Sewerage & Water Board OF NEW ORLEANS

625 ST. JOSEPH STREET
NEW ORLEANS, LA 70165 • 504-529-2837 OR 52-WATER
www.swbno.org

Addendum No. 1

Date: 12/4/2023

Your reference is directed to **Contract Number: 30259 (2023-SWB-96)** for Carrollton Basin No. 18 Sewer Rehabilitation which is scheduled to open at **11:30 a.m. CST** on **December 14, 2023** for SWBNO Civil Engineering Department.

This addendum provides for the following:

1. Revisions to Plans
 - a. Title Sheet S-1, Rehabilitation Plans Index Sheet S-3, Bid Quantity Table S-4, and Mill and Overlay Detail s-28 are to be REMOVED AND REPLACED with sheet S-1, S-3, S-4 and S-28 included herein.
 - b. Add Sewer Rehabilitation Sheets S-32 to S-37 included herein.
2. Revisions to Specifications
 - a. Add Corporate Resolution Form included herein.
 - b. Add Bidder's Organization Form included herein.
 - c. Section 00 41 13 Uniform Public Bid Form, REPLACE with the updated version included herein.
 - d. Section 00 52 13 Contract, REPLACE with the updated version included herein.
 - e. Section 01 22 00 Unit Price Form, REPLACE with the updated version included herein.
 - f. Section 01 35 13 Special Project Procedures for Consent Decree, REPLACE with the updated version included herein.

The above revisions shall be incorporated in and take precedence over any conflicting part of the original proposal documents. This addendum is hereby officially made a part of the referenced proposal.

Receipt of this addendum shall be acknowledged by inserting its number and date in the space provided in the Form of Proposal.

This addendum consists of one (1) page, with forty-five (45) pages of attachments

*** END OF ADDENDUM ***

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Sewerage and Water Board of New Orleans
Purchasing Department, Room 133
625 St. Joseph St
New Orleans, LA 70165

BID FOR: Contract 30259
Carrollton Sewer Rehabilitation No. 18

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Stantec Consulting Services Inc. and dated: November 15, 2023

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following ADDENDA: (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging)

_____ .

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

_____ Dollars (\$ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

NOTE TO BIDDERS: (Insert Applicable Notes if Alternates are required)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: _____

DATE: _____

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with La. R.S. 38:2212(A)(1)(c) or RS 38:2212(O) .

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid

LOUISIANA UNIFORM PUBLIC WORK BID FORM

UNIT PRICE FORM

TO: Sewerage and Water Board of New Orleans
Purchasing Department, Rm 133
625 St. Joseph St
New Orleans, LA 70165

BID FOR: Contract 30259
Carrollton Sewer
Rehabilitation No. 18

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing Portland Cement Concrete Pavement | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 1 | 9424 | SY | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing Sidewalk, Driveway, Foot Lap (Concrete, Brick, Asphalt, or etc.) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 2 | 2208 | SY | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing Curb (Concrete, Asphalt, Brick, or etc.) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 3 | 1957 | LF | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing Curb and gutter Bottom | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 4 | 4222 | LF | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal And Disposal Of Existing Asphaltic Concrete Pavement | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 5 | 9775 | SY | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal Of Handicap Ramps, Curb And Gutter, And Concrete Sidewalks At Intersections Including Saw Cutting | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 6 | 362 | SY | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Saw Cut Concrete Curb, Pavement, Sidewalk, Driveway, Etc. According To Plans ("Depth) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 7 | 6330 | LF | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Saw Cut, Wheel Cut, Or Spade Cut Existing Asphalt According To Plans And At Required Locations (Full Depth) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 8 | 8993 | LF | | |

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|---|-----------|------------------|------------|---|
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Geotextile Fabric For Stabilization | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 9 | 11326 | SY | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Geogrid | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 10 | 10290 | SY | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Base Course | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 11 | 4311 | CY | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Roadway Excavation | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 12 | 3586 | CY | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Unsuitable Subgrade Excavation And Sand Filling | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 13 | 879 | CY | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Superpave Asphaltic Concrete For Leveling | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 14 | 968 | TON | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Superpave Asphaltic Concrete Wearing Course (2.5" Thick) | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 15 | 11227 | SY | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Superpave Asphaltic Concrete Binder Course (4.5" Thick) | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 16 | 1423 | SY | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Cold Planing Asphaltic Pavement (2.5" Average Thick) | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 17 | 3744 | SY | | |
| DESCRIPTION: <input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Reinforced Concrete Pavement (8" Thick) | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 18 | 9198 | SY | | |
| DESCRIPTION: <input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Concrete Sidewalk (4" Thick) | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 19 | 1289 | SY | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Concrete Driveway (6" Thick) | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 20 | 796 | SY | | |
| DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Handicap Ramps, Curbs And Gutter, And Concrete Sidewalks At Intersections | | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 21 | 362 | SY | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sidewalk Transition Adjacent To Handicapped Ramps | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 22 | 226 | SY | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Mountable Curb With Dowels | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 23 | 1396 | LF | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ 6" Concrete Barrier Curb With Dowels | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 24 | 561 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Mountable Curb And Gutter Bottom Or Rolling Strip | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 25 | 134 | LF | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ 6" Concrete Barrier Curb And Gutter Bottom Or Rolling Strip | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 26 | 4088 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Brick Sidewalk | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 27 | 18 | SY | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Letter Or Number For Tile Street Name | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 28 | 14 | SY | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Resetting Tile Street Name | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 29 | 14 | SY | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sodding | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 30 | 1281 | SY | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manhole Cover | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 31 | 8 | EA | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manhole Frame | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 32 | 8 | EA | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manhole Repair Or Vertical Adjustment Up To 6" Reusing Existing Metal Castings | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 33 | 7 | EA | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Install Sewer Main (8" At 0' - 6.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 34 | 317 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Install Sewer Main (8" At 6.1' - 8.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 35 | 1460 | LF | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Install Sewer Main (8" At 8.1' – 10.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 36 | 1630 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Install Sewer Main (8" At 10.1' – 12.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 37 | 369 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Install Sewer Main (8" At 14.1' – 16.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 38 | 114 | LF | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Install Sewer Main (21" At 14.1' – 16.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 39 | 48 | LF | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Install Sewer Main (24" At 14.1' – 16.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 40 | 366 | LF | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Replace Existing, Sewer House Connection (H.C.) From New Main To Back Of Curb | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 41 | 198 | EA | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Replace Existing, Sewer H.C. Beyond Back Of Curb | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 42 | 2173 | LF | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Liner (CIPP, 8") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 43 | 5224 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Liner (CIPP, 10") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 44 | 362 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Liner (CIPP, 18") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 45 | 357 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Liner (CIPP, 21") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 46 | 436 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Liner (CIPP, 24") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 47 | 1048 | LF | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Cut Liner To Restore Existing Sewer House Connection (6", CIPP) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 48 | 167 | EA | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Sewer Service Lateral Liner (6", CIPP) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 49 | 154 | EA | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sanitary Sewer Service Lateral CCTV Inspection | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 50 | 154 | EA | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main Line Cleaning (8"-14") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 51 | 5161 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main Line Cleaning (15"-21") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 52 | 805 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main Line Cleaning (24"-27") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 53 | 1084 | LF | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Sewer Main Line CCTV Inspection | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 54 | 7050 | LF | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Sewer Point Repair up to 12 feet (8" at 0'-6.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 55 | 18 | EA | | |

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|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Sewer Point Repair up to 12 feet (8" at 6.1'-8.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 56 | 15 | EA | | |

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Sewer Point Repair up to 12 feet (8" at 8.1'-10.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 57 | 22 | EA | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Sewer Point Repair up to 12 feet (8" at 10.1'-12.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 58 | 6 | EA | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Sewer Point Repair up to 12 feet (8" at 12.1'-14.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| | | | | |

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|----|---|----|--|--|
| 59 | 6 | EA | | |
|----|---|----|--|--|

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|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair up to 12 feet (10" at 10.1'-12.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 60 | 6 | EA | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair up to 12 feet (21" at 14.1'-16.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 61 | 7 | EA | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair up to 12 feet (24" at 12.1'-14.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 62 | 7 | EA | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair up to 12 feet (24" at 14.1'-16.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 63 | 12 | EA | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair Beyond 12 feet (8" at 6.1'-8.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 64 | 5 | LF | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair Beyond 12 feet (8" at 8.1'-10.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 65 | 10 | LF | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair Beyond 12 feet (10" at 10.1'-12.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 66 | 5 | LF | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair Beyond 12 feet (21" at 14.1'-16.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 67 | 145 | LF | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair Beyond 12 feet (24" at 12.1'-14.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 68 | 19 | LF | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# Sewer Point Repair Beyond 12 feet (24" at 14.1'-16.0') | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 69 | 108 | LF | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manhole Rehabilitation, Cementitious Liner, Partial Depth (2 Ft) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 70 | 13 | EA | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manhole Rehabilitation, Cementitious Liner, Full Depth | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 71 | 40 | LF | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal Of Cast Iron Flush Valve Apparatus From Sewer Manhole | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 72 | 7 | EA | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal Of Water Service Line From Sewer Manhole To A Distance Of Up To Two (2) Feet Beyond Exterior Face Of The Manhole Wall | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 73 | 7 | EA | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Location And Selective Removal Of Water Line From Water Main To Manhole To Manhole | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 74 | 7 | EA | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sanitary Sewer Flow Diversion, Setup & 48-Hour Operation | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 75 | 5 | EA | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sanitary Sewer Flow Diversion, Beyond 48-Hours | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 76 | 40 | HR | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Repair Water Main With Full Circle Clamp (Pipe Size 4" - 8") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 77 | 5 | EA | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Repair Water Main With Full Circle Clamp (Pipe Size 12" - 16") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 78 | 5 | EA | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid Or <input type="checkbox"/> Alt.# ___ Repair Water Main With Bell Joint Clamp (Pipe Size 4" - 12") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 79 | 5 | EA | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Repair Water Main With Bell Joint Clamp (Pipe Size 16" - 24") | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 80 | 5 | EA | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Replace 5/8" To 1" Lead Water House Connection With 1" Water House Connection(From Main To Meter) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 81 | 20 | EA | | |

| | | | | |
|--------------|--|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Replace 1-1/2" Lead Water House Connection (From Main To Meter) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 82 | 5 | EA | | |

| | | | | |
|--------------|---|------------------|------------|---|
| DESCRIPTION: | <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Replace Existing 2" Lead Water House Connection (From Main To Meter) | | | |
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>) |
| 83 | 5 | EA | | |

**Wording for “DESCRIPTION” is provided by the Owner.
All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner**

1-2 ADDITIONAL REQUIREMENTS

All blank spaces in this Proposal section shall be filled. A bid price shall be indicated for each bid item. Bids received without all such items completed will be considered non-responsive. The bid shall contain an acknowledgement of receipt of all Addenda in space provided. The Louisiana Uniform Public Work Bid Form & Unit Price Form (if applicable) and the amount of Deposit or Bid Bond five percent (5%) of the total amount of the proposal is REQUIRED to be submitted in a sealed envelope on bid opening date. The two (2) lowest numerical bidders have three (3) days after the bid opening (exclusive of Saturdays, Sundays and Holidays) to submit any additional information such as (Voluntary Extension Sheet, Affidavit, Economically Disadvantage Business Summary Sheet if applicable) as well as requirements of Sections 1-3 through 1-6 below. Failure to do so will render the bid non-responsive.

1-3 BIDDER DECLARATION

_____ do hereby declare that _____ the only person _____ interested in this proposal and that no other person than the one _____ herein named have any interest herein or in the contract proposed to be taken; that it is made without any connection with any other person or persons making proposal for the same work and that it is in all respects fair and without collusion or fraud; also that no member of the Sewerage and Water Board or of the City Council of the City of New Orleans or any officer or employee of the City of New Orleans or of the several boards thereof, who are by law excluded from participation herein, and directly or indirectly interested herein or in furnishing bond or in any portion of the profits hereof.

_____ do hereby also declare that _____ have LOUISIANA CONTRACTOR'S LICENSE in the field of _____ with NUMBER _____.

And _____ do further declare that _____ have carefully examined the annexed specifications and the drawings furnished, and personally inspected the ground and that _____ will contract to provide the necessary tools, machinery and apparatus and other means of construction, and to furnish all labor and material specified in this contract or called for by the plans, necessary to complete the work in the manner specified and within the time mentioned in the specifications and according to the requirements of the Engineer, as herein set forth.

1-4 In accordance with Louisiana Revised Statute 38:2227 the following affidavit shown on the next page must be submitted with the bid, or no later than 3 days after the bid opening (excluding Saturdays, Sundays, and Holidays). Failure to do so will render the bid non-responsive. **Please note, THE AFFIDAVIT MUST BE NOTARIZED.**

1-5 GUARANTEES

_____ guarantee that the whole of the work under this contract will be substantially completed within 330 calendar days after the date of the "Commencement of Contract Times."

In case of delay in the completion of the contract beyond the contract time of completion as determined by the Board hereby agree to pay, as liquidated damages, the sum of **Two Thousand Dollars (\$2,000.00)** for each calendar day of such delay, which liquidated damages shall become due by the mere elapsing of the delay without the necessity of putting _____ in default.

1-6 EMERGENCY PROCEDURES

Contractor must furnish telephone numbers for routine or emergency telephone calls.

NAME _____ TITLE _____

TELEPHONE NO.:
NORMAL CALLS _____

EMERGENCY _____

1-7 ACKNOWLEDGEMENT OF CONSENT DECREE

I, _____, hereby certify that I have read and understand the Consent Decree with attachments or the pertinent parts thereof and am familiar with the terms and conditions therein and will pay any fines or penalties that will be assessed against the Sewerage and Water Board or City of New Orleans (or reimburse them therefor) which are imposed by the terms of said Decree with attachments resulting from the action or actions of _____ in its performance of or its failure to perform its duties under this Contract.

**STATE OF LOUISIANA
PARISH OF ORLEANS**

AFFIDAVIT

BEFORE ME, the undersigned authority, duly commissioned and qualified and sworn in and for the State and Parish aforesaid, personally came and appeared _____ who after being duly sworn, did depose and say as follows:

- 1) He/she is the _____ (title) of _____ (company);
- 2) He/she has not been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes, or equivalent federal crimes, listed in Louisiana Revised Statute 38:2227, specifically: public bribery, corrupt influencing, extortion, money laundering, theft, identity theft, theft of a business record, false accounting, issuing worthless checks, bank fraud, forgery, contractors misapplication of payments, malfeasance in office.
- 3) The contracting entity, person or corporation whose principal(s), member(s), and /or Officer(s) have, within the preceding 5 years, not been convicted or plead guilty to, a felony under state or federal statutes, for embezzlement, theft of public funds, bribery, falsification or destruction of public records; (City Code Section 2-8)
- 4) The following is a list of individual partners, incorporators, directors, managers, officers, organizers, or members who have a minimum ten percent interest ownership interest in the bidding entity:

| | |
|--------|--------|
| (name) | (name) |
| (name) | (name) |
| (name) | (name) |
- 5) No other persons hold an ownership interest in the bidding entity via a counter letter.
- 6) None of the above named individual partners, incorporators, directors, managers, officers, organizers, or members, who has a minimum ten percent interest ownership in the bidding entity, been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes, or equivalent federal crimes, listed in Louisiana Revised Statute 38:2227, specifically: public bribery, corrupt influencing, extortion, money laundering, theft, identity theft, theft of a business record, false accounting, issuing worthless checks, bank fraud, forgery, contractors misapplication of payments, malfeasance in office.
- 7) He/she is not delinquent on any taxes owed the City of New Orleans or fees/charges to the Sewerage and Water Board. (City Code Section 2-8)

The following sections apply only to Public Works Contracts:

- 8) In accord with LA Revised Statute 38:2212.10 the entity represented herein is registered and participates in the "Status verification system" of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324(a), known as the "E-Verify" program to verify that all employees in the State of Louisiana are legal citizens of the United States or are legal aliens.
- 9) The entity represented herein shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the state of Louisiana.
- 10) The entity represented herein shall require all subcontractors to submit to the contractor a sworn affidavit verifying compliance with the Status verification system.

WITNESSES:

AFFIANT

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS

_____ **DAY OF** _____, 20_____.

NOTARY PUBLIC

Notary Id. No. or Bar Roll No.

PLEASE PRINT NAME OF NOTAR

CONTRACT

THIS CONTRACT is by and between the Sewerage and Water Board of New Orleans (“Owner”) and _____, (“Contractor”) in consideration of the mutual covenants set forth herein, agree as follows:

1. WORK.

1.1. Contractor shall complete the Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

1.1.1. **The rehabilitation of existing main line sanitary sewers via mainline cleaning and CCTV inspections, excavated point repairs, full length main line replacement, house connection service lateral replacements, full-length Cured-In-Place Pipe (CIPP) lining, service lateral Cured-In-Place Pipe (CIPP) lining and manhole rehabilitation.**

2. THE PROJECT.

2.1. The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

2.1.1. **Contract 30259 Carrollton Basin No. 18 Sewer Rehabilitation**

3. ENGINEER.

3.1. The Project has been designed by **Stantec Consulting** (Designer) who is to act as the Engineer-of-Record under the oversight and administration of the Owner’s Representative.

4. CONTRACT TIMES.

4.1. Time of the Essence: Time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.2. Days to Achieve Substantial Completion and Final Payment:

4.2.1. The Work shall be substantially completed within 330 calendar days from the “Commencement of Contract Times” until “Substantial Completion” and within 360 calendar days from the “Commencement of Contract Times” until completed and ready for “Final Completion.” Contract is subject to interim “Milestones” in accordance with Section 013513 “Special Project Procedures for Consent Decree.”

4.3. Liquidated Damages: \$2,000.

4.3.1. Should the Contractor fail to commence or start the work within the time

allotted or fail to complete individual phases of the work within the times allotted for said individual phases, the Contractor shall pay to the Board the sum of \$2,000 liquidated damages for each calendar day beyond the times specified. If unforeseen circumstances are encountered at the work site, the Contractor may request in writing an extension in days for the completion of work. If granted, the extension of time must be approved in writing by the Engineer and submitted with the invoice.

4.4. Night, Weekend, or Holiday Work:

4.4.1. Night, weekend or holiday work which requires the presence of an engineer or inspector will not be permitted except in cases of emergency or by permission of the Engineer. Except in cases of emergency, all requests for night, weekend or holiday work shall be submitted in writing at least seven calendar days prior to the work being performed. Any approved night, weekend or holiday work requires prior written authorization from the Engineer

5. CONTRACT PRICE.

5.1. Owner shall pay Contractor _____ and No/100 (\$_____) Dollars for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to the prices stated in Contractor's Bid attached hereto as an exhibit.

6. PAYMENT PROCEDURES.

6.1. Submittal and Processing of Payments: Contractor shall submit Applications for Payment in accordance with Article 14 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.2. Progress Payments and Retainage: Owner will make progress payments on account of the Contract Price on the basis of Contractor's Application for Payment on the date of each month as established in the preconstruction conference during performance of the Work as provided herein. All such payments will be measured by the Schedule of Values established as provided in Paragraph 2.07 of the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided in the General Requirements.

6.2.1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Engineer may determine or Owner may withhold, including but not limited to liquidated damages, in accordance with Paragraph 14.02 of the General Conditions:

6.2.1.1. Ninety-five percent of Work completed for contracts in the amount of \$500,000.00 or greater (with the balance being retainage).
Ninety percent of Work completed for contracts in an amount less than

\$500,000.00 (with the balance being retainage).

6.2.2 In accordance with Louisiana Revised Statute 38:2249, Contractor may withdraw up to the entire retained amount if they deposit an equal amount in a Certificate of Deposit issued by a commercial bank or savings and loan located in Louisiana.

6.2.3. In accordance with Louisiana Revised Statute 38:2248(A), retainage will be released within 45 days of Final Acceptance by the Sewerage and Water Board of New Orleans' Board of Directors.

6.2.4. Upon Substantial Completion, Owner will pay an amount sufficient to increase total payments to Contractor to 100 percent of the Work completed, less such amounts as Engineer will determine in accordance with Paragraph 14.02.B.5 of the General Conditions and less 200 percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the tentative list of items to be completed or corrected attached to the certificate of Substantial Completion.

6.3. Final Payment:

6.3.1. Upon final completion and acceptance of the Work in accordance with Paragraph 14.07 of the General Conditions, Owner will pay the remainder of the Contract Price as recommended by Engineer as provided in Paragraph 14.07.

7. CONTRACTOR'S REPRESENTATIONS.

7.1. Contractor makes the following representations:

7.1.1. Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.

7.1.2. Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

7.1.3. Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.

7.1.4. Contractor has carefully studied: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) if any, which have been identified in Paragraph 4.02 of the Supplementary Conditions as containing reliable "technical data", and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site which have been identified in Paragraph 4.06 of the Supplementary Conditions as containing reliable "technical data."

7.1.5. Contractor has considered the information known to Contractor; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and Site-related reports and drawings identified in the Contract 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 Contractor, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Contract Documents; and (3) Contractor's safety precautions and programs.

7.1.6. Based on the information and observations referred to above, Contractor does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.

7.1.7. Contractor 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 Contract Documents.

7.1.8. Contractor has given Engineer written notice of conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

7.1.9. The Contract Documents are generally sufficient to indicate and convey understanding of terms and conditions for performance and furnishing of the Work.

8. CONTRACT DOCUMENTS.

8.1. Contents:

8.1.1. The Contract Documents that are attached to this Contract (except as expressly noted otherwise) consist of the following:

8.1.1.1. This Contract

8.1.1.2. Payment and Performance Bond:

8.1.1.3. General Conditions:

8.1.1.4. Supplementary Conditions:

8.1.1.5. Specifications as listed in the table of contents:

8.1.1.6. Drawings consisting of **31** sheets with each sheet bearing the

following general title: “**Carrollton Basin No. 18 Sewer Rehabilitation**”

8.1.1.7. Addenda: _____

8.1.2. Exhibits to this Contract (enumerated as follows): _____

8.1.2.1. Contractor’s Bid

8.1.2.2 Contractor’s Insurance Certificates

8.1.2.3 Contractor’s Corporate Resolution

8.1.3. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:

8.1.3.1. Notice to Proceed

8.1.3.2. Work Change Directives

8.1.3.3. Change Order(s)

8.2. There are no Contract Documents other than those listed above in this Article.

8.3. The Contract Documents may only be amended, modified, or supplemented as provided in Paragraph 3.04 of the General Conditions.

9. MISCELLANEOUS.

9.1. Terms used in this Contract will have the meanings stated in the General Conditions and the Supplementary Conditions.

9.2. Successors and Assigns: Owner and Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

9.3. Severability: Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

9.4. Assignment of Contract:

9.4.1. No assignment by a party hereto of any rights under or interests in the Contract shall be binding on another party hereto without the written consent of the

party sought to be bound; and, specifically but without limitation, monies that may become due and monies that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment shall release or discharge the assignor from any duty or responsibility under the Contract Documents.

9.5. Contractor's Certifications:

9.5.1. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this paragraph:

9.5.1.1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in Contract execution;

9.5.1.2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract Price at artificial noncompetitive levels, or (c) to deprive Owner of the benefits of free and open competition;

9.5.1.3. "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, noncompetitive levels; and

9.5.1.4. "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.

10. Force Majeure:

Neither party shall be liable for any failure to make or accept one or more deliveries arising out of any embargo, war, fire, flood, earthquake, epidemic or other calamity, act of God or of the public enemy, governmental act (including, but not restricted to, any government priority, preference, requisition, allocation, interference, restraint or seizure, or the necessity of complying with any governmental order, directive, ruling or request) or by any strike or labor dispute involving the owner, or any manufacturer, supplier or carrier of the machinery, materials or supplies required hereunder, or any other similar circumstance beyond the control of the party.

11. Jurisdiction & Venue:

Moreover, Contractor, by act of signing this Contract, consents and yields to the jurisdiction of the Civil District Court of the Parish of Orleans of the State of Louisiana and does formally waive any plea of lack of jurisdiction, on account of their residence elsewhere in the event of suit under this Contract. This Contract shall be governed by and shall be interpreted in

accordance with the laws of the State of Louisiana. Contractor agrees that any suit arising out of this Contract shall be brought in the Civil District Court for the Parish of Orleans and Contractor hereby waives any objection to improper venue and agrees to submit to the jurisdiction of said court.

IN WITNESS WHEREOF, Owner and Contractor have signed this Contract in triplicate. One counterpart each has been delivered to Owner, Contractor, and Engineer. All portions of the Contract Documents have been signed or identified by Owner and Contractor or on their behalf.

This Contract will be effective on _____, 2023 (which is the Effective Date of the Contract).

SEWERAGE AND WATER BOARD OF NEW ORLEANS

BY: _____
GHASSAN KORBAN, EXECUTIVE DIRECTOR

WITNESSES:

Print: _____

Print: _____

NOTARY PUBLIC

**The foregoing contract is approved as to form.
New Orleans, Louisiana**

_____ day of _____, 2023.

**YOLANDA GRINSTEAD, SPECIAL COUNSEL
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

IN WITNESS WHEREOF, Owner and Contractor have signed this Contract in triplicate. One counterpart each has been delivered to Owner, Contractor, and Engineer. All portions of the Contract Documents have been signed or identified by Owner and Contractor or on their behalf.

This Contract will be effective on _____, 2023 (which is the Effective Date of the Contract).

(COMPANY'S NAME)
LOUISIANA LICENSE NO. _____

BY: _____
TITLE: _____

WITNESSES:

Print: _____

Print: _____

**RECORDED IN THE PARISH OF ORLEANS
STATE OF LOUISIANA**

ON _____

N.A. # _____

INSTR.# _____

[END OF SECTION]

SECTION 01 22 00 - UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.
- B. Related Requirements:
 - 1. Section 012600 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.

1.3 DEFINITIONS

- A. Unit price is a price per unit of measurement for plant, labor, construction aids, utilities, pumping, mobilization, sewer flow control, materials, equipment, supplies or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, profit, and all other incidentals.
- B. Measurement and Payment: See individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3 Execution. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.
- E. For measuring progress toward Consent Decree Milestones, the percent complete will be calculated by dividing the value of work that has been completed and approved by the Engineer by the total bid amount for the milestone items, for **pay items 29 through 67**.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES

- A. Unit Price No. 1: Removal and Disposal of Existing Portland Cement Concrete Pavement
 - 1. Description: This work consists of removal and satisfactory disposal of existing PCCP Roadway.
 - 2. Unit of Measurement: Square Yard

- B. Unit Price No. 2: Removal and Disposal of Existing Sidewalk, Driveway, Foot Lap (Concrete, Brick, Asphalt, Etc.)
 - 1. Description: This work consists of removal and satisfactory disposal of existing sidewalk, driveway, foot lap (concrete, brick asphalt, or other materials, or combinations of materials).
 - 2. Unit of Measurement: Square Yard

- C. Unit Price No. 3: Removal and Disposal of Existing Curb (Concrete, Asphalt, Brick, or Etc.)
 - 1. Description: This work consists of removal and satisfactory disposal of existing curb (concrete, asphalt, brick, or other materials, or combinations of materials).
 - 2. Unit of Measurement: Linear Foot

- D. Unit Price No. 4: Removal and Disposal of Existing Curb and Gutter Bottom
 - 1. Description: This work consists of removal and satisfactory disposal of existing curb and gutter bottom (concrete, asphalt, brick, or other materials, or combinations of materials).
 - 2. Unit of Measurement: Linear Foot

- E. Unit Price No. 5: Removal and Disposal of Existing Asphaltic Concrete Pavement.
 - 1. Description: This work consists of removal and satisfactory disposal of existing asphaltic concrete pavement.
 - 2. Unit of Measurement: Square Yard

- F. Unit Price No. 6: Removal of Handicap Ramps, Curb and Gutter, and Concrete Sidewalks at Intersections Including Saw Cutting.
 - 1. Description: This work consists of removal and satisfactory disposal of existing handicap ramps, curb and gutter, and concrete sidewalks at intersections including saw cutting.
 - 2. Unit of Measurement: Square Yard

- G. Unit Price No. 7: Saw Cut Concrete Curb, Pavement, Sidewalk, Driveway, Etc. According to Plans ("Depth)

1. Description: Existing asphaltic concrete, PCC, or composite pavement, including roadway, sidewalk, driveway, curb, gutter and similar materials to be removed, shall be saw cut, to the full depth of the pavement, in straight lines to the nearest construction joint unless otherwise directed by the Construction Manager.
 2. Unit of Measurement: Linear Foot
- H. Unit Price No. 8: Saw Cut, Wheel Cut, or Spade Cut Existing Asphalt According to Plans
1. Description: Existing asphaltic concrete pavement, including roadway, sidewalk, driveway, curb, gutter and similar materials to be removed, shall be saw cut, to the full depth of the pavement, in straight lines to the nearest construction joint unless otherwise directed by the Construction Manager.
 2. Unit of Measurement: Linear Foot
- I. Unit Price No. 9: Geotextile Fabric for Stabilization
1. Description: This work consists of furnishing and installing all geotextile fabrics for embankment separation, subgrade reinforcement of roadways, subsurface drainage, or riprap lining in a manner and at locations as detailed and specified according to Section 310519 “Geosynthetics for Earthwork”, as shown in the drawings or as otherwise directed by the Construction Manager.
 2. Unit of Measurement: Square Yard
- J. Unit Price No. 10: Geogrid
1. Description: This work consists of furnishing and installing all geogrid for embankment separation, subgrade reinforcement of roadways, subsurface drainage, or riprap lining in a manner specified according to Section 310519 “Geosynthetics for Earthwork”, in locations shown in the drawings or as otherwise directed by the Construction Manager.
 2. Unit of Measurement: Square Yard
- K. Unit Price No. 11: Base Course
1. Description: This work includes procuring and properly installing aggregate base course on acceptable subbase, as indicated on the drawings and specified herein according to Section 321123 “Aggregate Base Course”. The work also includes all efforts necessary to schedule and allow for testing of material, as well as satisfactory removal and cleanup of unused material from the work site.
 2. Unit of Measurement: Cubic Yard
- L. Unit Price No. 12: Roadway Excavation
1. Description: This work consists of preparing and inspecting the subgrade to determine if it is suitable to receive the roadway base course. If the subgrade is unsuitable acceptable material shall be installed as indicated on the drawings and specified herein according to Section 312313 “Subgrade Preparation.”
 2. Unit of Measurement: Cubic Yard

- M. Unit Price No. 13: Unsuitable Subgrade Excavation and Sand Filling
1. Description: This work consists of preparing and inspecting the subgrade to determine if it is suitable to receive the roadway base course. If the subgrade is unsuitable acceptable material shall be installed as indicated on the drawings and specified herein according to Section 312313 "Subgrade Preparation."
 2. Unit of Measurement: Cubic Yard
- N. Unit Price No. 14: Superpave Asphaltic Concrete for Leveling
1. Description: Superpave asphaltic concrete leveling course consists of the supplying, placing and compaction of plant mix asphalt concrete over ruts, distortion, depressions, and other irregularities to rework and restore proper grade and cross section to the existing pavement according to Section 321216 "Asphalt Paving."
 2. Unit of Measurement: Ton
- O. Unit Price No. 15: Superpave Asphaltic Concrete Wearing Course (2.5" Thick)
1. Description: This work consists of placing an asphaltic concrete wearing surface course (2.5" Thick), to the specified thickness, on binder course in conformity with the typical sections shown in the New Orleans DPW Standard Details and according to Section 321216 "Asphalt Paving."
 2. Unit of Measurement: Square Yard
- P. Unit Price No. 16: Superpave Asphaltic Concrete Binder Course (4.5" Thick)
1. Description: This work consists of placing concrete binder course (4.5" Thick), to the specified thickness, on precast concrete in conformity with the typical sections shown in the New Orleans DPW Standard Details and according to Section 321216 "Asphalt Paving."
 2. Unit of Measurement: Square Yard
- Q. Unit Price No. 17: Cold Planning Asphaltic Pavement (2.5" Average Thick)
1. Description: This work consists of removing asphaltic concrete surfacing in accordance with their specifications and in conformity with the average depth, width, grade, cross slope and typical sections shown on the plans, established in the field, and according to Section 321216 "Asphalt Paving."
 2. Unit of Measure: Square Yard
- R. Unit Price No. 18: Reinforced Concrete Pavement (8" Thick)
1. Description: This work consists of constructing roadway pavement in conformance with the specifications and in conformity with the locations, lines, grades, slopes, thickness, sections, and strength shown in the New Orleans DPW Standard Details and according to Section 321313 "Concrete Paving."
 2. Unit of Measurement: Square Yard

- S. Unit Price No. 19: Concrete Sidewalk (4" Thick)
1. Description: This work consists of constructing concrete sidewalks in conformance with the specifications and in conformity with the locations, lines, grades, slopes, thickness, sections, and strength shown in the New Orleans DPW Standard Details and according to Section 321623 "Sidewalks and Driveways."
 2. Unit of Measurement: Square Yard
- T. Unit Price No. 20: Concrete Driveway (6" Thick)
1. Description: This work consists of constructing concrete driveways in conformance with the specifications and in conformity with the locations, lines, grades, slopes, thickness, sections, and strength shown on the plans and according to Section 321623 "Sidewalks and Driveways."
 2. Unit of Measurement: Square Yard
- U. Unit Price No. 21: Handicap Ramps, Curbs and Gutter, and Concrete Sidewalks at Intersections
1. Description: This work consists of all excavation, surface preparation, joint materials, welded wire fabrics, ADA compliant detectable warnings, and incidentals associated with the installation of ADA accessible handicap ramps.
 2. Unit of Measurement: Square Yard
- V. Unit Price No. 22: Sidewalk Transition Adjacent to Handicapped Ramps
1. Description: This work consists of all excavation, surface preparation, joint materials, welded wire fabrics, and incidentals associated with the installation of ADA accessible handicap ramps and their adjacent sidewalk transitions.
 2. Unit of Measurement: Square Yard
- W. Unit Price No. 23: Concrete Mountable Curb with Dowels
1. Description: This work consists of furnishing and construction of concrete mountable curbs with dowels in accordance with the specifications and in conformity with the location, lines, grades, slopes, thickness, and typical section shown in the New Orleans DPW Standard Details and according to Section 321613 "Curbs and Gutters."
 2. Unit of Measurement: Linear Foot
- X. Unit Price No. 24: 6" Concrete Barrier Curb with Dowels
1. Description: This work consists of furnishing and construction of 6" concrete barrier curb with dowels in accordance with the specifications and in conformity with the location, lines, grades, slopes, thickness, and typical section shown in the New Orleans DPW Standard Details and according to Section 321613 "Curbs and Gutters."
 2. Unit of Measurement: Linear Foot
- Y. Unit Price No. 25: Concrete Mountable Curb & Gutter Bottom or Rolling Strip

1. Description: This work consists of furnishing and construction of concrete mountable curb and gutter bottom or rolling strip in accordance with the specifications and in conformity with the location, lines, grades, slopes, thickness, and typical section shown in the New Orleans DPW Standard Details and according to Section 321613 "Curbs and Gutters."
 2. Unit of Measurement: Linear Foot
- Z. Unit Price No. 26: 6" Concrete Barrier Curb & Gutter Bottom or Rolling Strip
1. Description: This work consists of furnishing and construction of 6" concrete barrier curb and gutter bottom or rolling strip in accordance with the specifications and in conformity with the location, lines, grades, slopes, thickness, and typical section shown in the New Orleans DPW Standard Details and according to Section 321613 "Curbs and Gutters."
 2. Unit of Measurement: Linear Foot
- AA. Unit Price No. 27: Brick Sidewalk
1. Description: This work consists of replacing existing brick sidewalk in kind and in accordance with specification Section 32 16 23, Sub-Section 3.16.
 2. Unit of Measurement: Square Yard
- BB. Unit Price No. 28: Letter or Number for Tile Street Name
1. Description: This work consists of replacing existing letters or numbers for tile street names in kind and in accordance with specification Section 32 16 23, Sub-Section 3.17.
 2. Unit of Measurement: Each
- CC. Unit Price No. 29: Resetting Tile Street Name
1. Description: This work consists of replacing existing letters or numbers for tile street names, salvaging and relaying the existing tiles and in accordance with specification Section 32 16 23, Sub-Section 3.17.
 2. Unit of Measurement: Each
- DD. Unit Price No. 30: Sodding
1. Description: This work consists of furnishing, hauling, planting, rolling, watering, and maintaining placed and in-place live grass sod at locations shown on the plans or as directed according to Section 329223 "Sodding."
 2. Unit of Measurement: Square Yard
- EE. Unit Price No. 31: Manhole Cover
1. Description: This work consists of the replacing an existing manhole cover with a new manhole cover, Section 330130.83 "Rehabilitation of Manholes."
 2. Unit of Measurement: Each
- FF. Unit Price No. 32: Manhole Frame
1. Description: This work consists of the replacing an existing manhole frame with a new manhole frame, Section 330130.83 "Rehabilitation of Manholes."
 2. Unit of Measurement: Each

GG. Unit Price No. 33: Manhole Repair or Vertical Adjustment up to 6” Reusing Existing Metal Castings

1. Description: The work consists of adjusting an existing manhole frame in the horizontal direction and/or vertical direction so that every point along the top of the frame matches the elevation of the adjoining paved surface, and so that the center of the frame opening aligns with the center of the manhole. Adjustment will require adding or removing courses of bricks, grouting, replacing damaged bricks, resetting loose bricks, filling cracks and voids, infiltration control and sealing the frame-to-brick connection by applying an internal and external coat of cementitious mortar in accordance with section 330130.83 “Rehabilitation of Manholes.”
2. Unit of Measure: Each

HH. Unit Price Nos. 34-40: Install Sewer Main

1. Description: This work consists of the installation of sewer pipelines and sewer service laterals by means of excavation including full line replacement, partial line replacement (point repair) and line relocations according to Sections 330130.73 “Rehabilitation of Sewers” and 333111 “Public Sewerage Gravity Piping.”
2. Unit of Measure: Linear Foot
3. This unit price is broken down into specific pay items based on nominal pipe diameter and average depth of sewer pipe invert as per the Bid Form.
4. Unit Prices by Diameter: Measurement and Payment for these Unit Price items will be made by the nominal diameter as per the Bid Form.
5. Unit Prices by Pipe Invert Depth: Measurement and payment for these unit price items will be made by the average depth of sewer pipe invert as per the Bid Form.
 - a. Unit Price No. 34: Eight-Inch (8”) Diameter at 0-ft to 6.1-ft Depth
 - b. Unit Price No. 35: Eight-Inch (8”) Diameter at 6.1-ft to 8.0-ft Depth
 - c. Unit Price No. 36: Eight-Inch (8”) Diameter at 8.1-ft to 10.0-ft Depth
 - d. Unit Price No. 37: Eight-Inch (8”) Diameter at 10.1-ft to 12.0-ft Depth
 - e. Unit Price No. 38: Eight-Inch (8”) Diameter at 14.1-ft to 16.0-ft Depth
 - f. Unit Price No. 39: Eight-Inch (21”) Diameter at 14.1-ft to 16.0-ft Depth
 - g. Unit Price No. 40: Eight-Inch (24”) Diameter at 14.1-ft to 16.0-ft Depth

II. Unit Price No. 41: Replace Existing, Sewer House Connection (H.C.) From New Main to Back of Curb

1. Description: This work consists of the replacement of sewer house connected pipelines and sewer service laterals by means of excavation including full line replacement, partial line replacement (point repair) and line relocations from the sewer main to the back of curb according to Section 330130.73 “Rehabilitation of Sewers.”
2. Unit of Measure: Each

JJ. Unit Price No. 42: Replace Existing, Sewer H.C. Beyond Back of Curb

1. Description: This work consists of the replacement of sewer house connected pipelines and sewer service laterals by means of excavation including full line replacement, partial line

replacement (point repair) and line relocations from the back of curb to the property line according to Section 330130.73 "Rehabilitation of Sewers."

2. Unit of Measure: Linear Foot

KK. Unit Price No. 43-47: Pipe Liner, CIPP

1. Description: This work consists of providing cured-in-place pipe (CIPP) liners for rehabilitation of sewer pipelines according to section 030130.76 "Cured-In-Place Pipe Lining."
2. Unit of Measure: Linear Foot
3. This unit price is broken down into specific pay items based on nominal pipe diameter as per the sub-sections specified below.
4. Schedule of Unit Prices by Diameter: Measurement and Payment for these Unit Price items will be made by the nominal diameter for the following Unit Price numbers:
 - a. Unit Price No.43: Eight-Inch (8") Diameter Pipes.
 - b. Unit Price No.44: Ten-Inch (10") Diameter Pipes.
 - c. Unit Price No.45: Eighteen-Inch (18") Diameter Pipes.
 - d. Unit Price No.46: Twenty-One-Inch (21") Diameter Pipes.
 - e. Unit Price No.47: Twenty-Four-Inch (24") Diameter Pipes.

LL. Unit Price No. 48: Cut Liner to Restore Existing Sewer House Connection (6", CIPP)

1. Description: This work consists of cutting pipe liner to restore existing house connection according to section 030130.76 "Cured-In-Place Pipe Lining."
2. Unit of Measure: Each

MM. Unit Price No. 49: Sewer Service Lateral Liner, (6", CIPP)

1. Description: This work consists of providing cured-in-place pipe (CIPP) liners for rehabilitation of sewer pipelines according to section 030130.76 "Cured-In-Place Pipe Lining."
2. Unit of Measure: Each

NN. Unit Price No. 50: Sanitary Sewer Service Lateral CCTV Inspection

1. Description: This work consists of performing CCTV inspection of designated sanitary sewer service laterals in accordance with Section 330130.16 "CCTV Inspections of Sewers".
2. Unit of Measurement: Each

OO. Unit Price No. 51-53: Sewer Main Cleaning

1. Description: This work consists of cleaning sewer pipelines, sewer service laterals and manholes to remove all debris, solids, grit, sand, gravel, shells, grease, etc. as per the requirements set forth in these specifications and related requirements according to Section 330130 "Operation and Maintenance of Sewer Utilities."
2. Unit of Measurement: Linear Foot
3. This unit price is broken down into specific pay items based on nominal pipe diameter as per the sub-sections specified below.
4. Schedule of Unit Prices by Diameter: Measurement and Payment for these Unit Price items will be made by the nominal diameter for the following Unit Price numbers:
 - a. Unit Price No. 51: Eight-Inch (8")- Fourteen-Inch (14") Diameter Pipes

- b. Unit Price No. 52: Fifteen-Inch (15")- Twenty-One-Inch (21") Diameter Pipes
- c. Unit Price No. 53: Twenty-Four-Inch (24")- Twenty-Seven-Inch (27") Diameter Pipes

PP. Unit Price No. 54: Sewer Main Line CCTV Inspection

- 1. Description: This work consists of performing CCTV inspection of designated sanitary sewer service laterals in accordance with Section 330130.16 "CCTV Inspections of Sewers".
- 2. Unit of Measurement: Linear Foot

QQ. Unit Price No. 55-63: Sewer Point Repair, Up to 12 Feet

- 1. Description: This work consists of the rehabilitation of sewer pipelines and sewer service laterals by means of excavation including full line replacement, partial line replacement (point repair) and line relocations according to Section 330130.73 "Rehabilitation of Sewers."
- 2. Unit of Measure: Each
- 3. This unit price is broken down into specific pay items based on nominal pipe diameter and average depth of inverts as per the specific unit price items as stated on the Bid Form.
- 4. Unit Prices by Diameter: Measurement and payment for these unit price items will be made by the nominal diameter as per the Bid Form.
- 5. Unit Prices by Invert Depth: Measurement and payment for these unit price items will be made by the average depth of invert per the Bid Form.
 - a. Unit Price No. 55: Eight-Inch (8") Diameter at 0-ft to 6.0-ft Depth
 - b. Unit Price No. 56: Eight-Inch (8") Diameter at 6.1-ft to 8.0-ft Depth
 - c. Unit Price No. 57: Eight-Inch (8") Diameter at 8.1-ft to 10.0-ft Depth
 - d. Unit Price No. 58: Eight-Inch (8") Diameter at 10.1-ft to 12.0-ft Depth
 - e. Unit Price No. 59: Eight-Inch (8") Diameter at 12.1-ft to 14.0-ft Depth
 - f. Unit Price No. 60: Ten-Inch (10") Diameter at 10.1-ft to 12.0-ft Depth
 - g. Unit Price No. 61: Twenty-One-Inch (21") Diameter at 14.1-ft to 16.0-ft Depth
 - h. Unit Price No. 62: Twenty-Four-Inch (24") Diameter at 12.1-ft to 14.0-ft Depth
 - i. Unit Price No. 63: Twenty-Four-Inch (24") Diameter at 14.1-ft to 16.0-ft Depth

RR. Unit Price No. 64-69: Sewer Point Repair, Beyond 12 Feet

- 1. Description: This work consists of the rehabilitation of sewer pipelines and sewer service laterals by means of excavation including full line replacement, partial line replacement (point repair) and line relocations beyond 12 feet according to Section 330130.73 "Rehabilitation of Sewers."
- 2. Unit of Measure: Linear Foot
- 3. This unit price is broken down into specific pay items based on nominal pipe diameter and average depth of inverts as per the Bid Form.
- 4. Unit Prices by Diameter: Measurement and payment for these unit price items will be made by the nominal diameter as per the Bid Form.
- 5. Unit Prices by Average Invert Depth: Measurement and payment for these unit Price items will be made by the average depth of inverts per the Bid Form.
 - a. Unit Price No. 64: Eight-Inch (8") Diameter at 6.1-ft to 8.0-ft Depth
 - b. Unit Price No. 65: Eight-Inch (8") Diameter at 8.1-ft to 10.0-ft Depth
 - c. Unit Price No. 66: Ten-Inch (10") Diameter at 10.1-ft to 12.0-ft Depth

- d. Unit Price No. 67: Twenty-One-Inch (21") Diameter at 14.1-ft to 16.0-ft Depth
- e. Unit Price No. 68: Twenty-Four-Inch (24") Diameter at 12.1-ft to 14.0-ft Depth
- f. Unit Price No. 69: Twenty-Four-Inch (24") Diameter at 14.1-ft to 16.0-ft Depth

SS. Unit Price No. 70: Manhole Rehabilitation, Cementitious Liner, Partial Depth (2 ft)

- 1. Description: The work consists of the repair and adjustment of manholes, partial depth and cementitious liner by means of grout repairs to walls and benches, infiltration control, vertical and horizontal adjustment of frames and covers and cementitious lining of the interior wall Over 6" according to section 330130.83 "Rehabilitation of Manholes."
- 2. Unit of Measure: Each

TT. Unit Price No. 71: Manhole Rehabilitation, Cementitious Liner, Full Depth

- 1. Description: The work consists of the repair and adjustment of manholes, full depth and cementitious liner by means of grout repairs to walls and benches, infiltration control, vertical and horizontal adjustment of frames and covers and cementitious lining of the interior wall Over 6" according to section 330130.83 "Rehabilitation of Manholes."
- 2. Unit of Measure: Foot Height

UU. Unit Price No. 72: Removal of Flush Valve Apparatus from Sewer Manhole

- 1. Description: This work consists of removing the flush valve apparatus from sewer manhole per Section 330130.83 "Rehabilitation of Manholes."
- 2. Unit of Measurement: Each

VV. Unit Price No. 73: Removal of Water Service Line from Sewer Manhole to A Minimum Distance of Two (2) Feet Beyond the Exterior Face of the Manhole Wall

- 1. Description: This work consists of the removal of water service line from sewer manhole to a minimum distance of two (2) feet beyond the exterior face of the manhole wall per Section 330130.83 "Rehabilitation of Manholes."
- 2. Unit of Measurement: Each

WW. Unit Price No. 74: Location and Selective Removal of Water Line from Water Main to Manhole to Manhole

- 1. Description: This work consists of the location and selective removal of water line from water main to manhole to manhole per Section 330130.83 "Rehabilitation of Manholes."
- 2. Unit of Measurement: Each

XX. Unit Price No. 75: Sanitary Sewer Flow Diversion, Setup & 48-hour Operation

- 1. Description: This work consists of 48-hours of approved flow diversion pumping operations on designated and surcharged lines to facilitate excavated rehabilitation of sewer lines according to Section 330130.03 Sewer Flow Control.
- 2. Unit of Measure: Each

YY. Unit Price No. 76: Sanitary Sewer Flow Diversion, Beyond 48-Hours

1. Description: This work consists of hourly approved flow diversion pumping operations beyond the initial 48-hour setup on designated and surcharged lines to facilitate excavated rehabilitation of sewer lines according to Section 330130.03 Sewer Flow Control.
2. Unit of Measure: Hour

ZZ. Unit Price Nos. 77-78: Repair Water Main with Full Circle Clamp

1. Description: This work consists of the rehabilitation of water mains by means of excavation and installation of full circle clamps including partial line replacement (point repair) and line relocations according to Section 330110.73 Excavated Rehabilitation of Water Utility Piping.
2. Unit of Measure: Each
3. This unit price is broken down into specific pay items based on nominal pipe diameter as per the Bid Form.
4. Unit Prices by Diameter: Measurement and Payment for these Unit Price items will be made by the nominal diameter as per the Bid Form.
 - a. Unit Price No. 77: Pipe Diameter 4" – 8".
 - b. Unit Price No. 78: Pipe Diameter 12" – 16".

AAA. Unit Price Nos. 79-80: Repair Water Main with Bell Joint Clamp

1. Description: This work consists of the rehabilitation of water mains by means of excavation and installation of bell joint clamps including partial line replacement (point repair) and line relocations according to Section 330110.73 Excavated Rehabilitation of Water Utility Piping.
2. Unit of Measure: Each
3. This unit price is broken down into specific pay items based on nominal pipe diameter as per the Bid Form.
4. Unit Prices by Diameter: Measurement and Payment for these Unit Price items will be made by the nominal diameter as per the Bid Form.
 - a. Unit Price No. 79: Pipe Diameter 4" – 12".
 - b. Unit Price No. 80: Pipe Diameter 16" – 24".

BBB. Unit Price Nos. 81-83: Replace Lead Service Line Water House Connection (From Meter to Main)

1. Description: This work consists of the removal of exposed Lead Service Line Water House Connections with new Polyethylene Water House Connections, from the Water Main to the Water Meter, is accordance with Section 330110.73 Excavated Rehabilitation of Water Utility Piping.
2. Unit of Measure: Each
3. This unit price is broken down into specific pay items based on nominal service line diameter as per the Bid Form.
4. Unit Prices by Diameter: Measurement and Payment for these Unit Price items will be made by the nominal diameter as per the Bid Form.
 - a. Unit Price No. 81: 5/8" to 1" Lead Service Line.
 - b. Unit Price No. 82: 1-1/2" Lead Service Line.
 - c. Unit Price No. 83: 2" Lead Service Line.

END OF SECTION 012200

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SECTION 013513 - SPECIAL PROJECT PROCEDURES FOR CONSENT DECREE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes environmental requirements meeting consent decree conditions.
- B. The work described under this contract is being performed in response to an EPA Consent Decree and fines for failure to meet mandated completion deadlines are significant. Contractor shall direct the full force of his efforts toward completion of the work within the time stipulated. Liquidated Damages set forth in the agreement will be rigidly enforced for failure to start work or failure to complete work on time.
- C. The parties agree that the work and duties required to be performed in accordance with the Contract Documents shall meet and comply with all environmental requirements to include the laws and regulations of the United States and the State of Louisiana, and shall satisfy and be in accord with the provisions of the Consent Decree with attachments entered into by and between the OWNER and CITY with the EPA and the UNITED STATES in the matter entitled "UNITED STATES OF AMERICA V. SEWERAGE AND WATER BOARD OF NEW ORLEANS, ET AL," No. 93-3212, United States District Court, Eastern District of Louisiana and all modifications thereof, which provisions the CONTRACTOR must acquaint itself and become familiar with prior to bidding on said Contract.
- D. The above mentioned Consent Decree is available on the Sewerage and Water Board web site, http://www.swbno.org/docs_consentdecree.asp

1.3 CONTRACTOR REQUIREMENTS

- A. CONTRACTOR specifically acknowledges the Board has made said Decree with attachments available for review and CONTRACTOR has read said decree with attachments or the pertinent parts thereof and is familiar with the terms and conditions thereof, and will pay any fines or penalties that will be assessed against the OWNER or CITY (or reimburse them therefore) which are imposed by the terms of said decree with attachments resulting from the actions of CONTRACTOR in performance of or its failure to perform its duties under this Contract.
- B. The contractor shall be required to complete Interim Consent Decree Milestones for the 25%, 50% and 75% of the contract work. These respective dates will be calculated by multiplying 1.) The contract duration from commencement of the contract time until substantial completion as per the Agreement with 2.) the respective milestone percentage and rounding up to the next whole day.

C. For measuring purposes toward the Consent Decree Milestones, the percent complete will be calculated by dividing the value of work that has been completed and approved by the Engineer by the total bid amount for the milestone items as scheduled in Section 012200 Unit Prices.

D. Milestone Schedule:

| <u>Milestone</u> | <u>Duration</u> |
|------------------|-----------------|
| 25% | 113 cal. days |
| 50% | 165 cal. days |
| 75% | 248 cal. days |

E. Pre-Inspection Schedule Requirements: Contractor shall line clean and perform the pre-rehabilitation CCTV for all line segments scheduled for rehabilitation work in this contract within the first sixty (60) calendar days of receiving NTP, including the submittal of the video inspection for review.

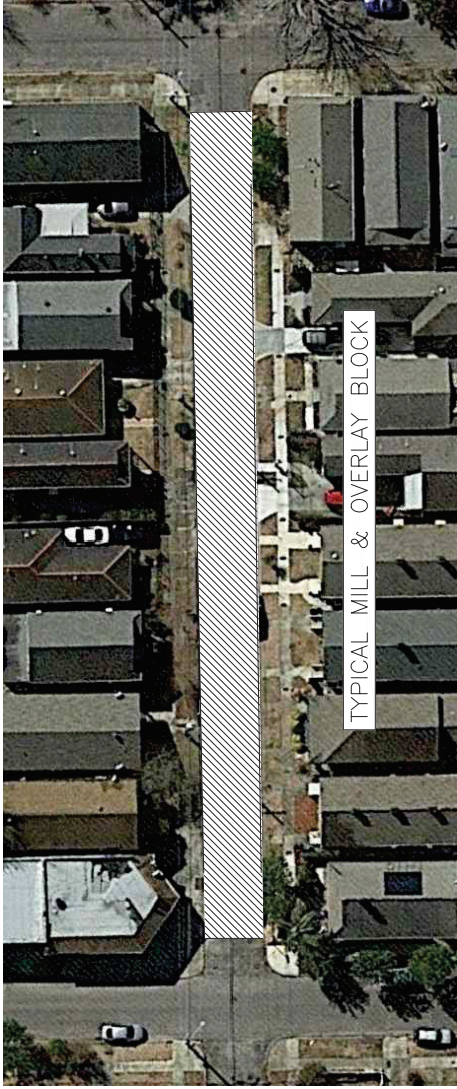
1.4 PENALTIES

A. Should the Board be penalized under the Consent Decree for not meeting these milestones, the Contractor shall be responsible for reimbursement to the Board of those penalties as identified in Paragraph 79 of the Consent Decree.

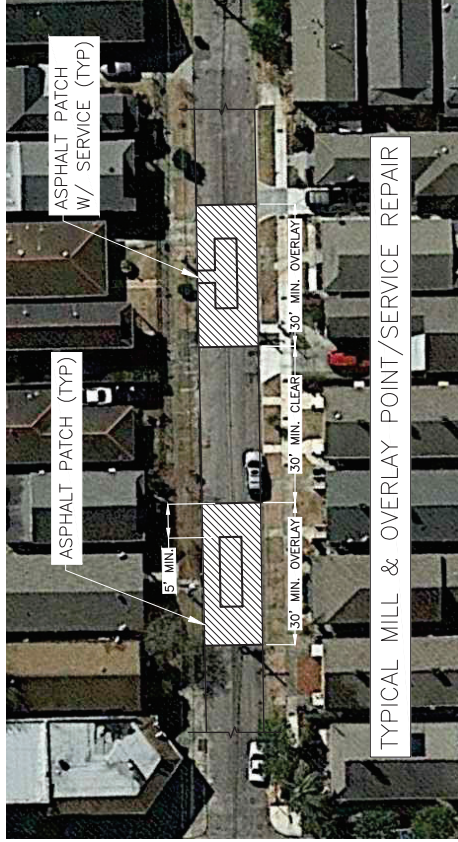
PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION 013513



DETAIL A



DETAIL B

- NOTES:
- MILL AND OVERLAY OPERATIONS SHALL BE THE FULL WIDTH OF THE ROADWAY.
 - ALL COLD MILL AND OVERLAY SHALL BE 2.5 IN. THICK UNLESS OTHERWISE STATED.
 - IF REHABILITATION WORK IS CONDUCTED IN AN INTERSECTION THE MILL AND OVERLAY SHALL EXTEND 20 FT. BEYOND THE PROPERTY LINE IN ALL DIRECTIONS.
 - A MINIMUM OF A 30 FT. LONG/FULL WIDTH MILL AND OVERLAY SHALL BE COMPLETED AT ALL SSERP POINT/SERVICE REPAIRS WITH A MINIMUM OF 5 FT. CLEAR FROM ANY EXCAVATED TRENCH.
 - 30 FT. MINIMUM CLEAR MUST BE MAINTAINED BETWEEN TWO REPAIRS OR THE CONTRACTOR SHALL PERFORM A CONTINUOUS MILL AND OVERLAY.



DETAIL C

| MILL AND OVERLAY SCHEDULE | | | | | | | TOTAL |
|---------------------------|-----------------|-------|------------|------------|--|------------|--------------|
| # | LINE SEGMENT | BLOCK | STREET | FULL BLOCK | INTERSECTION | PATCHES | (SV) |
| 1 | 046-032/035-001 | 7800 | BELFAST | 1014.0 | 418.2 (FERN ST) 418.2 (BURDETTE ST) | | 1850.4 |
| 2 | 034-002/034-001 | 7300 | COLAP'ISSA | | | 1x4'x30' | 228.2 |
| 3 | 004-024/004-021 | 3900 | MISTLETOE | | | 1x2'E'x30' | 262.2 |
| 4 | 004-025/004-024 | 3800 | MISTLETOE | | | 2x2'E'x30' | 175.6 |
| 5 | 028-020/028-018 | 3900 | LEONIDAS | | | 2x20'x20' | 86.7 |
| 6 | 028-041/028-040 | 3900 | HOLLYGROVE | | | 1x2'E'x30' | 355.1 |
| 7 | 028-042/028-040 | 9000 | PEACH | | | 1x2'E'x30' | 86.7 |
| 8 | 028-060/028-059 | 8500 | PALMETTO | 733.8 | 330.3 (LEONIDAS ST) | | 1064.1 |
| 9 | 028-068/004-025 | 9100 | PALMETTO | | | 1x27'x15' | 36.6 |
| | | | | | TOTAL | | 4,126 |



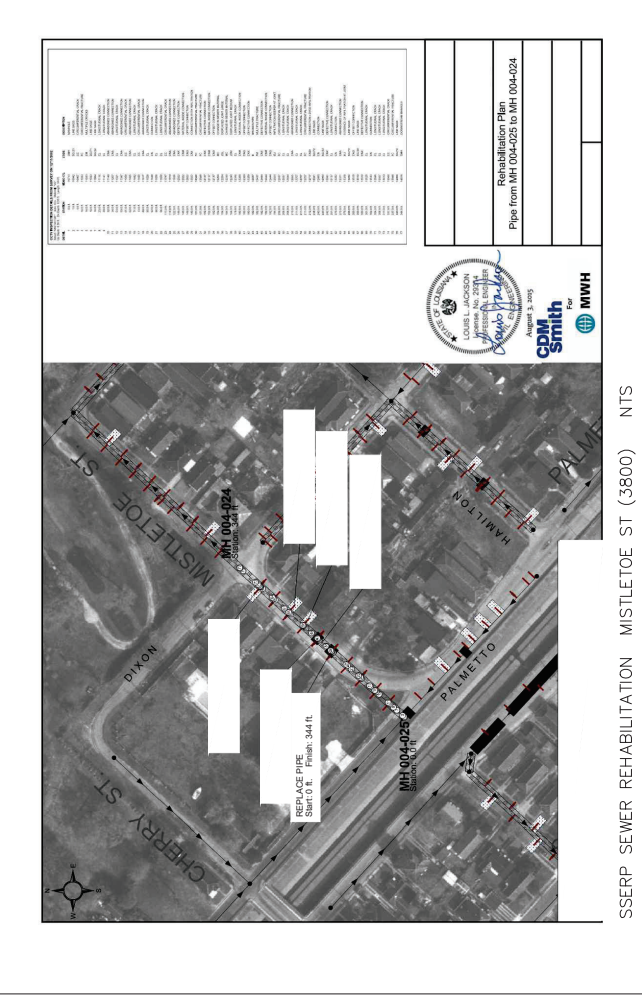
12/01/2023

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| REV. | DATE | DESCRIPTION |
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SEWERAGE AND WATER BOARD
OF NEW ORLEANS
CARROLLTON BASIN
SEWER REHABILITATION NO. 18
CONTRACT NO. 30259

SEWER REHABILITATION

| | |
|--------------|---------------------|
| DR. R.H. | TYPICAL MILL & |
| DR. S.H. | OVERLAY DETAIL |
| DR. S.H. | DWG. No. 8989 - S |
| DATE PLOTTED | 12/01/2023 10:46 AM |
| SCALE | AS SHOWN |



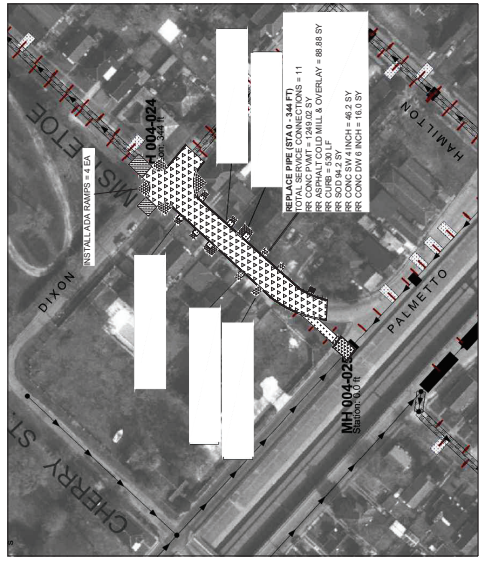
CDM UNIFORMITY DETAILS FROM SURVEY ON RECORD

| NO. | REVISION | DATE | BY | CHK | DESCRIPTION |
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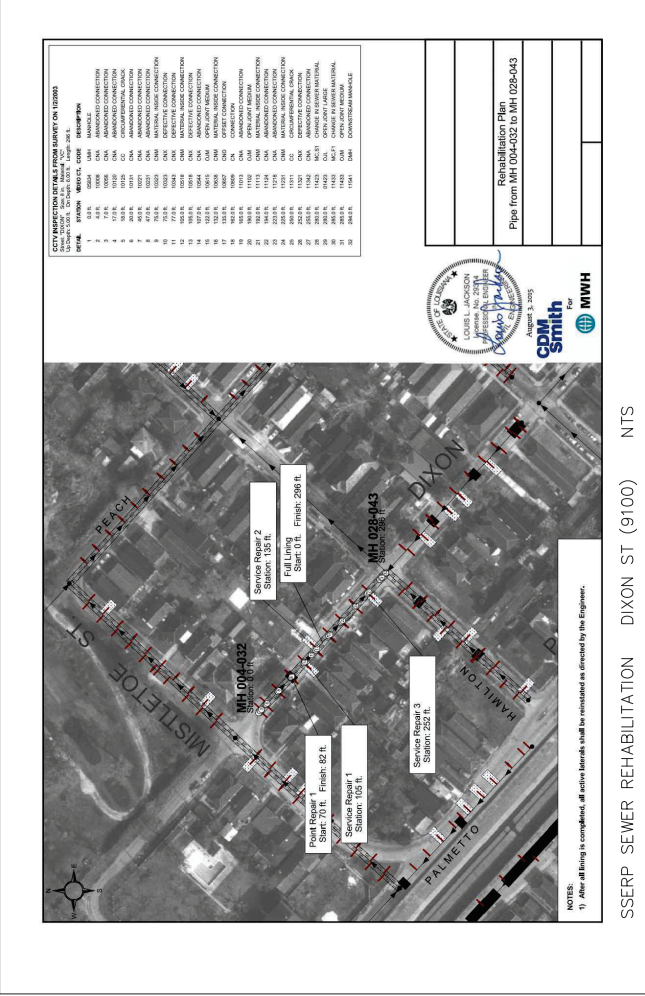
Rehabilitation Plan
Pipe from MH 004-025 to MH 004-024

August 3, 2009

NOTE: THE 3600 BLOCK OF MISTLETOE ST HAS ASPHALT COLD MILL AND OVERLAY REQUIREMENTS. REFER TO SHEET 28, DETAIL C FOR THE LIMITS OF COLD MILL AND OVERLAY.



SSERP SEWER REHABILITATION MISTLETOE ST (3600) NTS



CDM UNIFORMITY DETAILS FROM SURVEY ON RECORD

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Rehabilitation Plan
Pipe from MH 004-032 to MH 028-043

August 3, 2009



SSERP SEWER REHABILITATION DIXON ST (9100) NTS

LEGEND

- REMOVAL AND REPLACEMENT OF CONCRETE PAVEMENT, ASPHALT COLD MILL, AND ASPHALT OVERLAY
- REMOVAL AND REPLACEMENT OF ASPHALT ROADWAY
- REMOVAL AND REPLACEMENT OF ASPHALT/CONCRETE COMPOSITE ROADWAY SURFING (AUST 137/18AUG)
- SURFACE COURSE SURFING (AUST 133)
- SEWERLINE FOR ADOPTED SURFING
- REMOVAL AND REPLACEMENT OF 500 SURFACE COURSE
- REMOVAL AND REPLACEMENT OF GRAVEL SURFACE COURSE
- REMOVAL AND REPLACEMENT OF ASPHALT INTERMEDIATE PAVEMENT AND PLAZA
- REMOVAL AND REPLACEMENT OF CURB (ALL TYPES)

NOTE: CONTRACTOR TO FIELD VERIFY THE LOCATION AND DIRECTION OF ALL SERVICE CONNECTIONS.

| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
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SEWERAGE AND WATER BOARD
OF NEW ORLEANS
CARROLLTON BASIN
SEWER REHABILITATION NO. 18
CONTRACT NO. 30259
SEWER REHABILITATION

DATE: R.H.
SCALE: AS SHOWN
DWG. No. 8989 - S
DATE: 11/29/2023 12:45 PM

CITY INSPECTION DETAILS FROM SURVEY ON 6/5/2002
 Sheet: PALMETTO, Size: 4 in. Material: CO2
 Up to 10.00 ft. In Depth: 3.00 ft. Length: 274 ft.

| DETAIL | STATION | VIDEO CT. CODE | DESCRIPTION |
|--------|---------|----------------|--------------------------------|
| 1 | 0+0.00 | 00050 | LINE SAGS |
| 2 | 0+0.00 | 00510 | LINE SAGS |
| 3 | 1+0.00 | 00505 | CONCRETE CORROSION HEAVY |
| 4 | 9+0.00 | 00508 | CNK DEFECTIVE CONNECTION |
| 5 | 9+0.00 | 00508 | CNK MATERIAL INSIDE CONNECTION |
| 6 | 4+0.00 | 00501 | CNK OFFSET CONNECTION |
| 7 | 4+0.00 | 00501 | CNK OFFSET CONNECTION |
| 8 | 8+0.00 | 10000 | HOLE IN THE PIPE |
| 9 | 8+0.00 | 10000 | HOLE IN THE PIPE |
| 10 | 9+0.00 | 10101 | FM/F3 MULTIPLE FRACTURE |
| 11 | 9+0.00 | 10103 | CNK OFFSET CONNECTION |
| 12 | 9+0.00 | 10103 | CNK OFFSET CONNECTION |
| 13 | 9+0.00 | 10103 | CNK OFFSET CONNECTION |
| 14 | 14+0.00 | 10256 | CNK DEFECTIVE CONNECTION |
| 15 | 17+0.00 | 10256 | CNK DEFECTIVE CONNECTION |
| 16 | 17+0.00 | 10256 | CNK DEFECTIVE CONNECTION |
| 17 | 18+0.00 | 10456 | CNK DEFECTIVE CONNECTION |
| 18 | 20+0.00 | 10456 | CNK DEFECTIVE CONNECTION |
| 19 | 20+0.00 | 10456 | CNK DEFECTIVE CONNECTION |
| 20 | 23+0.00 | 10603 | CNK OFFSET CONNECTION |
| 21 | 25+0.00 | 10603 | CNK OFFSET CONNECTION |
| 22 | 25+0.00 | 10603 | CNK OFFSET CONNECTION |
| 23 | 27+0.00 | 10600 | DEFS1 CORROSION HEAVY |
| 24 | 27+0.00 | 10600 | DEFS1 CORROSION HEAVY |
| 24 | 27+0.00 | 10745 | DOWNSTREAM MANHOLE |

Rehabilitation Plan
 Pipe from MH 028-060 to MH 025-059

DATE: 6/5/2002
 L. JACOBSON
 L. JACOBSON
 GPM Smith
 MWH



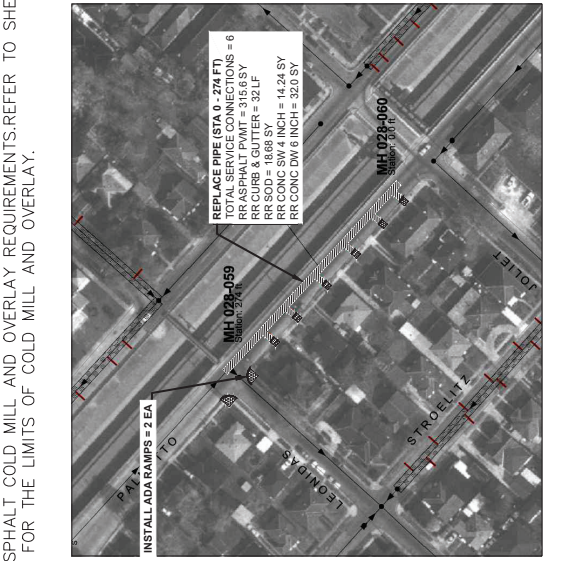
SSERP SEWER REHABILITATION PALMETTO ST (8500) NTS

CITY INSPECTION DETAILS FROM SURVEY ON 12/20/03
 Sheet: PALMETTO, Size: 4 in. Material: CO2
 Up to 10.00 ft. In Depth: 3.00 ft. Length: 266 ft.

| DETAIL | STATION | VIDEO CT. CODE | DESCRIPTION |
|--------|---------|----------------|-----------------------------|
| 1 | 2+0.00 | 00032 | FL LONGITUDINAL FRACTURE |
| 2 | 2+0.00 | 00032 | FL LONGITUDINAL FRACTURE |
| 3 | 2+0.00 | 00032 | FL LONGITUDINAL FRACTURE |
| 4 | 4+0.00 | 00033 | CNK MANHOLED CONNECTION |
| 5 | 4+0.00 | 00033 | CNK MANHOLED CONNECTION |
| 6 | 4+0.00 | 00033 | CNK MANHOLED CONNECTION |
| 7 | 4+0.00 | 00032 | CNK CONNECTION |
| 8 | 4+0.00 | 00032 | CNK CONNECTION |
| 9 | 10+0.00 | 00044 | FC CIRCUMFERENTIAL FRACTURE |
| 10 | 10+0.00 | 00044 | FC CIRCUMFERENTIAL FRACTURE |
| 11 | 10+0.00 | 00059 | CNK OFFSET CONNECTION |
| 12 | 10+0.00 | 00059 | CNK OFFSET CONNECTION |
| 13 | 12+0.00 | 00059 | CNK OFFSET CONNECTION |
| 14 | 15+0.00 | 00059 | CNK MANHOLED CONNECTION |
| 15 | 15+0.00 | 00059 | CNK MANHOLED CONNECTION |
| 16 | 15+0.00 | 00059 | CNK MANHOLED CONNECTION |
| 17 | 16+0.00 | 00059 | CNK MANHOLED CONNECTION |
| 18 | 16+0.00 | 00059 | CNK MANHOLED CONNECTION |
| 19 | 16+0.00 | 00059 | CNK MANHOLED CONNECTION |
| 20 | 17+0.00 | 01006 | PIPE |
| 21 | 18+0.00 | 01116 | CNK OFFSET CONNECTION |
| 22 | 22+0.00 | 01229 | CNK CONNECTION |
| 23 | 24+0.00 | 01549 | C31 CAMERA LINDER WATER |
| 24 | 24+0.00 | 01549 | C31 CAMERA LINDER WATER |
| 25 | 27+0.00 | 01416 | DEG-F1 BESSIS BREAK |
| 26 | 27+0.00 | 01416 | DEG-F1 BESSIS BREAK |
| 27 | 28+0.00 | 01460 | DMH DOWNSTREAM MANHOLE |
| 27 | 28+0.00 | 01460 | DMH DOWNSTREAM MANHOLE |

Rehabilitation Plan
 Pipe from MH 028-068 to MH 004-025

DATE: 12/20/2003
 L. JACOBSON
 L. JACOBSON
 GPM Smith
 MWH



SSERP SEWER REHABILITATION PALMETTO ST (9100) NTS

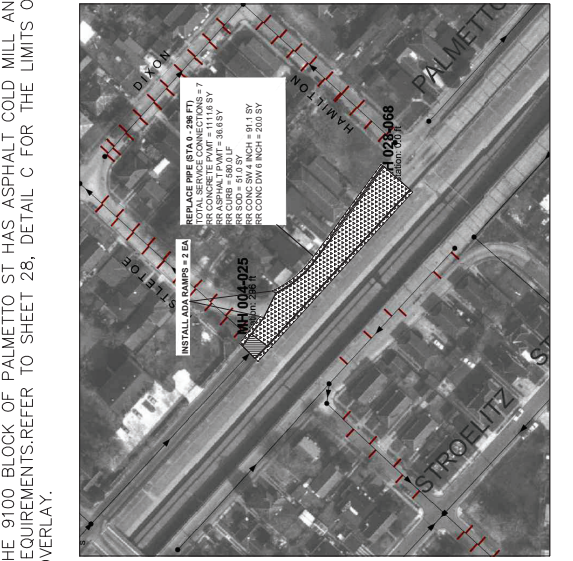
REPAIR AND REPLACEMENT OF CONCRETE PAVEMENT, REMOVAL AND REPLACEMENT OF ASPHALT ROADWAY
 REMOVAL AND REPLACEMENT OF ASPHALT/CONCRETE COMPOSITE ROADWAY SURFING (AUST 137/FRANG)
 SURFACE COURSE SURFING (AUST 143)
 SURFING FOR ADA WALK SURFING (DECK)
 REMOVAL AND REPLACEMENT OF GRAVEL SURFACE COURSE
 REMOVAL AND REPLACEMENT OF ASPHALT INTERMEDIATE PAVEMENT AND PLACE
 REMOVAL AND REPLACEMENT OF CURB (ALL TYPES)
 NOTE: CONTRACTOR TO FIELD VERIFY THE LOCATION AND DIRECTION OF ALL SERVICE CONNECTIONS.

LEGEND

| | |
|-------|---|
| ***** | REPAIR AND REPLACEMENT OF CONCRETE PAVEMENT |
| ***** | REPAIR AND REPLACEMENT OF ASPHALT ROADWAY |
| ***** | REPAIR AND REPLACEMENT OF ASPHALT/CONCRETE COMPOSITE ROADWAY SURFING (AUST 137/FRANG) |
| ***** | SURFACE COURSE SURFING (AUST 143) |
| ***** | SURFING FOR ADA WALK SURFING (DECK) |
| ***** | REMOVAL AND REPLACEMENT OF GRAVEL SURFACE COURSE |
| ***** | REMOVAL AND REPLACEMENT OF ASPHALT INTERMEDIATE PAVEMENT AND PLACE |
| ***** | REMOVAL AND REPLACEMENT OF CURB (ALL TYPES) |

SEWERAGE AND WATER BOARD
 OF NEW ORLEANS
 CARROLLTON BASIN
 SEWER REHABILITATION NO. 18
 CONTRACT NO. 30259
 SEWER REHABILITATION

DATE: 11/29/2003
 DW.G. No. 8989 - S
 SHEET NO. 37 OF 37



NOTE: THE 8500 BLOCK OF PALMETTO ST AND INTERSECTION AT LEONIDAS ST HAVE ASPHALT COLD MILL AND OVERLAY REQUIREMENTS. REFER TO SHEET 28, DETAIL A & C FOR THE LIMITS OF COLD MILL AND OVERLAY.

NOTE: THE 9100 BLOCK OF PALMETTO ST HAS ASPHALT COLD MILL AND OVERLAY REQUIREMENTS. REFER TO SHEET 28, DETAIL C FOR THE LIMITS OF COLD MILL AND OVERLAY.

SSERP SEWER REHABILITATION PALMETTO ST (8500) NTS

SSERP SEWER REHABILITATION PALMETTO ST (9100) NTS