

Internal Audit Report #2023-002
Public Works – Sewerage Maintenance
Contract #55-19496
Release Date: May 17, 2023



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OVERVIEW

BACKGROUND

1

The Jefferson Parish Sewer System consists of five (5) major treatment plants with a combined design capacity to treat over fifty (50) million gallons of wastewater daily. The collection system consists of over five hundred (500) lift stations, each having two (2) to seven (7) pumps, over one thousand three hundred (1,300) miles of gravity pipe, and over one hundred (100) miles of force main pressure pipe conveying wastewater from homes and businesses to the treatment plants. The system also includes over twenty-one thousand (21,000) maintenance holes. Plans are in place to provide funding to comprehensively upgrade and modernize the Sewer (and Water) Systems of Jefferson Parish. The plan includes but is not limited to sewer plant upgrades and rehabilitation, lift stations, force main upgrades, and gravity system upgrades.

The mission of the Department of Sewerage is to serve the citizens of Jefferson Parish by providing effective wastewater conveyance, treatment, and disposal while protecting public health, safety, and the environment. Accordingly, the Parish engaged BLD Services, LLC (Contractor) for a two-year agreement for preventative maintenance (lining) of existing sanitary and storm sewers, including service laterals at scattered locations throughout the parish. The Annual Plan for the Department of Internal Audit calls for a review of the contract in place from February 22, 2021, through February 21, 2023. The maximum contract amount for the two years is \$33,000,000 and is funded by various sources, including the 7/8 cents sales tax and the sewer capital bond. (See Attachment H for general ledger accounts used to record contract expenditures.) Historically, BLD Services, LLC has held other similar contracts with the Parish. Additionally, the Parish signed a subsequent agreement with the Contractor, effective February 22, 2023, through February 21, 2025, for \$66,000,000 for preventative maintenance (lining).

The Assistant Director, Brett Todd, monitors the contract under audit (Contract Administrator). Mr. Todd reports directly to the Director of Sewerage, Michael Lockwood². Other department personnel who monitor and manage the contract include an Operations and Maintenance Manager, an Engineering Inspector, a Business Manager, and Field Personnel.

OBJECTIVES

The objectives of this engagement were to 1) ensure compliance with select sections of the agreement between the Parish of Jefferson and BLD Services, LLC, referenced by the Parish as Contract #55-19496. Said contract refers to Bid Specifications utilized during the procurement process. (Attachments A & B); and 2) observe and comment on other procurement, contract agreement, and contract administration items as necessary.

SCOPE

The scope of this engagement included Contract #55-19496 with BLD Services, LLC. Internal Audit focused on the period from February 22, 2021, to January 3, 2023, the beginning of fieldwork when the payment data was collected. The date was extended as necessary. The Contract substantially relies upon verbiage in the Bid Specifications; both will be referenced for compliance.

¹ Background verbiage is excerpted and paraphrased from the 2022 Budget and relevant Bid Specifications.

² Mr. Lockwood was Director of Sewerage from January 8, 2020, until his retirement on January 13, 2023. Mr. Todd served as Director of Sewerage from June 8, 1996, to February 25, 2011, and again from March 24, 2017, to December 6, 2019. As of the writing of this report, Mr. Todd serves as the Assistant Director of Sewerage.

PROCEDURES

Internal Audit utilized the following basic procedures in analyzing the data.

- a) Interviewed key personnel from the Department of Sewerage. Other individuals were contacted as necessary.
- b) Obtained the contract (#55-19496) and the associated bid specifications (#50-132469) and related documents.
- c) Reviewed department staffing and applicable budgets.
- d) Retrieved current and historical financial data from the AS/400 Financial Management System.
- e) Reviewed work order details generated from the Oracle system.
- f) Selected a random sample of invoices and reviewed relevant documents.
- g) Applied analytical procedures to available data.
- h) Performed other procedures deemed necessary to satisfy the objectives of this engagement.

Invoice sampling

From the beginning of the contract through January 3, 2023, the Parish paid the Contractor \$30,892,394, which included approximately \$26,309,254 for such items as labor, lining pipes, video inspections, and maintenance hole restoration. The remaining \$4,583,140 was for unforeseen items and items not included in the bid elements (See Attachment C for Amounts Paid by Bid Item.)

Internal Audit judgementally selected eleven (11) invoices to review as an initial sample. The sample was expanded during the audit to include two (2) more invoices, one from the contract under audit and another from the prior contract period, which was selected to evaluate the release of retainage. The resulting sampled items shown below are referenced throughout the report. (See Attachment D for Amounts Paid by Invoice.)

Invoice Description	Pay Ap #	Invoice #	Amount
Preventative Maintenance	W&A1	9141	\$ 400,000.00
Wayne & Angela/Church & Glen Della Maintenance	W&A2	9142	289,503.43
Lining	7	10194	63,772.25
Tolmas & W. Esplanade Replace Service Pole	TWE1	21010010	8,761.64
Lafitte & Fisher LS Rehab	LFLSE1	21048002	463,307.62
LS Houma & W. Esplanade Rehab	HWE1	21101001	1,290,059.37
Install 2-6" flow meters & electrical: Avondale landfill	AFM001	21213001	72,594.00
Clearly South & I-10 Service Road	CS1	21318001	199,248.04
Terrytown 2 Wall Penetrations	TT1	21320001	97,268.40
Intall 16" VTSH at Claudius & Hesper LS	CH1	21339001	135,740.00
Boone & Sibley LS Rehab	BSLS	21381001	453,578.06
TOTAL: ORIGINAL SAMPLE	11.2%		\$ 3,473,832.81
Install Belt Press System at Harvey Waste Water		21045001R	1,998,234.25
TOTAL: ORIGINAL PLUS EXPANDED SAMPLE	17.7%		\$ 5,472,067.06
TOTAL POPULATION	100.0%		\$30,892,394.26
Contract 55-18462 Retainage (prior contract)	RETAINAGE	N/A	\$ 762,708.08

CONTRACT HISTORY

CRITERIA

Section 2-891(a) of the Jefferson Parish Code of Ordinances states, "There is hereby established a uniform set of procedures for the purchase of labor, materials, supplies, equipment, services and public works by the purchasing department for all departments of the parish as provided in this division."

Bid Specifications #50-132469 includes Section 1.01 titled "Scope of contract work" which states, "The purpose of this contract is to provide means to perform replacement and repair of existing sewer lines and work incidental thereto; and, to supplement existing Sewerage Department work crews on day to day maintenance and emergency repairs."

FINDING

- 1) Sewer lift station rehabilitation projects were charged to the preventative maintenance (lining) contract and not consistently placed out for bid.

OBSERVATIONS

This report states that the Contractor has multiple sewerage contracts with the Parish. Internal Audit examined the history of lining and other contracts with BLD Services, LLC. Contracts can be characterized as Preventative Maintenance (Lining), Construction (Special Projects), and Emergency. As defined by contract scope, lining contracts are designed to provide preventative maintenance (lining) of existing sanitary and storm sewers, including service laterals³ at scattered locations. Construction (Special Projects) contracts are meant to improve sewer lift stations. Finally, emergency contracts are put into place in advance of emergency situations, as suggested by the name.

Internal Audit reviewed the Parish's financial management system and located contract history from June 2008 through the current day, representing approximately fifteen (15) years of various sewerage contracts. Below is a history of contracts held by contract type over five contract periods⁴: June 2014-February 2023, approximately nine (9) years.

Total Expenditures by Contract Period						
Contract Type	Prior 4	Prior 3	Prior 2	Prior 1	Current	Total % Change (+ / -)
Maintenance	8,721,329.06	13,894,792.79	25,299,998.99	21,999,868.00	30,892,394.26	254%
% Increase over Prior Contract		59.3%	82.1%	-13.0%	40.4%	
Special Projects	10,727,749.82	3,433,612.99	2,288,090.79	4,797,870.89	1,459,323.08	-86%
% Increase over Prior Contract		-68.0%	-33.4%	109.7%	-69.6%	
Emergency	-	-	-	8,228,613.57	35,233,705.37	328.2%
% Increase over Prior Contract				-	328.2%	

³ A sewer lateral is the pipe that carries your wastewater from your home (toilets, sinks, showers, laundry, floor drains, etc.) to the public sanitary sewer main that is typically in the street.

⁴ Contract periods are grouped based on dates starting after each Lining contract. See Attachment E for listing of contracts.

The contract history indicates that lining maintenance contract amounts have increased by two hundred fifty-four percent (254%) over time, while Special Project contract totals have decreased by eighty-six percent (86%).

Internal Audit compared the “HW&E1 LS Houma & W. Esplanade Rehab” invoice selected in the initial sample for Contract #55-19496 to Construction (Special Projects) Contract #55-20006. As detailed next, similarities were noted between the work performed under the current lining contract versus the separate construction contract.

LS Houma & W. Esplanade Rehab – sample invoice charged to Lining Contract #55-19496

Work Order #21-20854 was issued to commence the Houma & W Esplanade Rehabilitation project. Notes in the work order file indicate that the job is to “construct a submersible sewerage lift station” as “designed in plans and specifications from Sewerage Capital Improvement Program (SCIP) #D55116.” (See below.)

FROM BRETT TODD FOR BLD - CONSTRUCT A SUBMERSIBLE SEWERAGE LIFT STATION (F8-3) LOCATED HOUMA BOULEVARD AT WEST ESPLANADE -

WORK IS TO BE COMPLETED AS DESIGNED IN PLANS AND SPECS FROM SCIP #D55116 -

IF YOU HAVE QUESTIONS - PLEASE CONTACT BRETT -

Replacement of D3-8 Lift Station (Purdue Drive & 37th Street) Contract #55-20006

The scope of the construction contract regarding Purdue Drive & 37th Street similarly indicates rehabilitating a lift station (D3-8) in accordance with SCIP #C5598. The resolution (shown below) authorizing the contract is consistent with the scope.

RESOLUTION NO. 138153
A resolution accepting the lowest responsible bid of **BLD Services, LLC** under Bid Proposal No. 50-00134295 for labor, material and equipment required for the Rehabilitation of Lift Station D3-8 (Purdue Drive & 37th Street) for a total bid amount of \$886,272.00 (Base Bid plus Alternate No. 1) and the cost of the contract not to exceed without a ratified Change Order, to execute “Designation of Construction Contractor as Agent of a Governmental Entity and Sales Tax Exemption Certificate” for BLD Services, LLC and its Sub-Contractors (Council District 4)
WHEREAS, the Parish has engaged ECM Consultants, Inc. as part of the Sewerage Capital Improvement Program to prepare the plans and specifications for the Rehabilitation of Lift Station D3-8 (Purdue Drive & 37th Street), **SCIP Project No. C5598** hereinafter referred to as the Project; and
WHEREAS, Jefferson Parish has received bids on June 15, 2021, for labor, materials, and equipment required for the project; and
WHEREAS, BLD Services, LLC submitted the lowest responsible bid under Proposal No. 50-00134295 at the total cost of \$886,272.00; and

The two jobs appear similar, yet one was charged to the lining contract while the other was bid separately. Further, the scope of the current lining contract states, “The purpose of this contract is to provide means to perform replacement and repair of existing sewer lines and work incidental thereto; and, to supplement existing Sewerage Department work crews on day to day maintenance and emergency repairs.” The scope does not appear to include rebuilding lift stations.

Internal Audit noted that other lift station rehabilitation (LS Rehab) jobs were charged to the Lining contract. Examples of two included just in the initial sample are listed below.

DATE	INV. AMOUNT	RETAINAGE	AMOUNT DUE	COMMENTS
2/28/2022	\$463,307.62	\$23,165.38	\$440,142.24	Lafitte & Fisher LS Rehab
2/28/2022	\$453,578.06	\$22,678.90	\$430,899.16	Boone & Sibley LS Rehab
	\$916,885.68	\$45,844.28	\$871,041.40	

Further review of the listing of contracts (Attachment E), one will note other separate contracts for sewer lift rehabilitation aside from Contract #55-20006 previously mentioned.

Contract#	Contract Description	Start Date	End Date	Type	Dept	Contract Amt
55-00020025	CAUSEWAY BLVD & SCOTT STREET	1/20/2022	9/19/2022	LBMT	SEWER	\$ 564,040.29
55-00020735	MELROSE & UPSTREAM LIFT STATION	11/07/2022	8/04/2023	LBMT	SEWER	\$ 858,985.00

According to the Contract Administrator, Assistant Director Brett Todd, “sewer lift station work is constructed based on needs, necessity, and mandates.” Sewer lift station rehabilitation is bid out separately if required by the funding source. Otherwise, lift station rehabilitation is assigned to the preventative maintenance (lining) contract to address issues without delay. The practice of not consistently bidding out lift station rehabilitation projects appears to violate procurement law.

Internal Audit recommends that all sewer lift rehabilitation projects, regardless of funding source, be placed out for bid so that the competitive spirit of procurement laws is embraced. Uniform purchasing procedures established by the Parish and the Louisiana Public Bid Law provide for fair and equitable purchases and cultivate an ethical and professional purchasing environment. In addition, they help promote full and open competition to the extent possible, thereby attempting to maximize the return on taxpayers’ dollars.

RECOMMENDATION

- 1) The Department of Sewerage should ensure that all sewer lift rehabilitation projects are procured in accordance with Parish and the Louisiana Public Bid Law.

The Public Bid Law is the set of laws that governs contracts for public works and the purchase of materials and supplies by public entities that meet certain threshold requirements called the “**contract limit**” (minimum). This limit is **\$60,000*** for materials and supplies, and **\$250,000** for public works. The purpose of the public bid law is to ensure that public entities receive the best possible price when using public funds for the procurement of materials and supplies or public works. The Public Bid Law is a prohibitory law founded on public policy and therefore public entities must strictly comply with its provisions absent express exception in law.

The above passage was excerpted from a document titled “Public Bid Law,” published by the Louisiana Legislative Auditor, Revised on February 7, 2023.

COSTS BY BID ITEM

CRITERIA

Section 2-891(a) of the Jefferson Parish Code of Ordinances states, “There is hereby established a uniform set of procedures for the purchase of labor, materials, supplies, equipment, services and public works by the purchasing department for all departments of the parish as provided in this division.”

FINDINGS

- 2) The “unforeseen” category included in bid specifications includes items that are known and contemplated in achieving departmental objectives.
- 3) Expenditures were coded to the contract bid items that did not exist in the selected vendor bid documents.

OBSERVATIONS

Contract #55-19496 was placed out for bid, with BLD Services, LLC being the only respondent. The bid documents specified certain items to be included in the bid. One of the items is titled “Unforeseen Work – Point Repair.” (See Attachment C for contract amounts paid by bid item.) Internal Audit noted that Unforeseen Work totaled \$4,583,140.51 or 14.8% of the total population (total paid on the contract as of the timing of this audit), as illustrated below.

Category / Description	Amount	% of Total
Bid Items 0001-0173, 0178	\$26,309,253.75	85.2%
Bid Item 0175 (Unforeseen)	\$4,583,140.51	14.8%
TOTAL	\$30,892,394.26	100.0%

Two invoices originally sampled included items designated as “unforeseen” or charged to a newly created contract item (not present when the contract was placed out for bid). Internal Audit expanded the sample to include a third invoice to examine the nature of the unforeseen items. The following invoices were reviewed, and comments on observations are shown below.

Invoice Description	Invoice #	Unforeseen /		Total Invoice
		Non-bid Items	Other Items	
Preventative Maintenance	9141	\$400,000.00	\$0.00	\$400,000.00
LS Houma & W. Esplanade Rehab	21101001	\$389,445.62	\$900,613.75	\$1,290,059.37
Install Belt Press System @ Harvey WWTP	21045001R	\$1,661,384.25	\$336,850.00	\$1,998,234.25

Invoiced items billed for the “unforeseen” category included (See Attachment G for examples):

- ✓ Hydromatic Sub. Pump Station
- ✓ Manhole Slabs
- ✓ Stainless Link Seals
- ✓ Professional services rendered to assist with tracking submittals, deliveries, and start-up schedules. (ETEC Services \$460,118)
- ✓ Carbon Hot Rolled Steel
- ✓ Heavy Wall Sewer Pipe
- ✓ Gate Valves

Additionally, the above-referenced \$400,000 total invoice was for \$689,503.43 with a flat amount of \$400,000 coded to an item not included in the original bid specifications, “19496-01 Preventative Maintenance.” This appeared to be an exception to the bid items and contract and was created to provide clearer recordkeeping for Community Development Block Grant (CDBG) funding. Internal Audit was provided with detailed records to substantiate the amount.

When unforeseen items paid from the Maintenance (Lining) contract under audit were compared to bid specifications related to Contract #55-20006, which is for the replacement of a lift station, Internal Audit noted similarities between them. See below for bid items.

Based on the comparison of “unforeseen items” and bid specifications for rebuilding a lift station, it is apparent that many unforeseen items could be anticipated in the contemplation of services received via the contract under audit (#55-19496).

Unforeseen items do not have costs specified before the commencement of work. They often include items bid out separately and included in Special Project Contracts. As highlighted in the previous section, all sewer lift rehabilitation projects should be placed out for bid, when possible, to embrace the competitive spirit of procurement laws. Otherwise, bid specifications should be reviewed to ensure all big-ticket and known items are defined as appropriate.

Item #	Bid Item Description: Contract 55-2006 Replacement of D3-8 Lift Station
0001	Mobilization and demobilization and cleanup
0002	Removal of structures and obstructions allowance
0003	Environmental Protection and Erosion Control
0004	Traffic Control and coordination
0005	Existing wet well and dry well demolition and connection to lift station
0006	Lift station and valve box (including connection to EPO and tie-in to SFM)
0007	Submersible wastewater pump (complete) ?? Submersible??
0008	Lift station electrical equipment and control
0009	Entergy relocation fee reimbursement
0010	By Pass Pumping
0011	Drop inlet
0012	Concrete Sidewalk Removal and Replacement (4 inch thick)
0013	Concrete Roadway Paving Removal and Replacement (7 inch thick)
0014	Concrete Curb Removal and Replacement
0015	Restore Vegetative Cover
0016	4 inch PVC C-900 Pipe
0017	6 inch PVC C-900 Pipe
0018	6 inch gate valve and manhole
0019	Remove and replace concrete ADA Ramp
0020	Control panel slab and odor control slab
0021	Install new odor control

rehabilitation projects should be placed out for bid, when possible, to embrace the competitive spirit of procurement laws. Otherwise, bid specifications should be reviewed to ensure all big-ticket and known items are defined as appropriate.

The purpose of the public bid law is to ensure that public entities receive the best possible price when using public funds for the procurement of materials and supplies or public works. Uniform purchasing procedures established by the Parish and the Louisiana Public Bid Law provide for fair and equitable purchases and cultivate an ethical and professional purchasing environment. In addition, they help promote full and open competition to the extent possible, thereby attempting to maximize the return on taxpayers’ dollars. A comprehensive delineation of bid items will help maximize the return on taxpayers’ dollars.

RECOMMENDATIONS

- 2) Internal Audit recommends that the Department of Sewerage include all specific and known items in future bid specifications in an attempt to minimize unforeseen items and maximize the return on taxpayers’ dollars.
- 3) Internal Audit recommends that only bid items within the selected vendor bid documents be used to capture contract expenditures.

WORK ORDERS, PRE-CONSTRUCTION MEETINGS, REQUIRED REPORTING, AND FIELD INSPECTIONS

CRITERIA

Bid Specifications 50-132469 include:

- Section 1.01, titled "Scope of contract work," states, "Work orders will be issued on an as needed basis, for repairs at various locations on the East and West Banks of Jefferson Parish."
- Section 1.11, titled "Work Scheduling," states, "The Contractor will be issued a work order to proceed with a "Line" or "Repair" item of work and at that time be furnished with the approximate location and general description of the work to be performed."
- Section 1.16, titled "Scheduling of Work," states, "Work under this contract will be assigned by written Work Orders, which will include available maps and instructions for the exact work to be performed. The maps will reflect the approximate location and existing conditions of utilities, if available."
- Section 1.16, titled "Scheduling of Work," states, "After receiving the Work Order, the Contractor shall contact PWIRS and/or Director of the Department of Sewerage, as provided to the Contractor in writing, to arrange for inspection of the work. No work shall be performed until a starting time has been agreed upon between the Contractor and PWIRS and/or Director of the Department of Sewerage. The starting time shall be as stated in the Agreement. The time of completion for each Work Order shall be as stipulated in the Agreement."
- Section 25.01, titled "Field Inspection Reports," states, "This work shall consist of the preparation of Field Inspection Report(s) required during various stages of the Contract progression."
- Section 28.01, titled "Project Meetings," states, "A. Director of Sewerage and/or PWIRS shall schedule and administer the preconstruction meeting, periodic progress meetings, and specifically called meetings throughout progress of the work."

FINDINGS

- 4) The contract is utilized by more than one department, and evidence was not produced to illustrate an overall contract dollar utilization plan among the departments.
- 5) Records of pre-construction meetings, required reporting, and field inspection reports were not consistently maintained or readily available to the Contract Administrator.
- 6) Work orders were not consistently issued by the various departments as required by the terms of the contract.

OBSERVATIONS

The Department enters sewerage maintenance issues to be addressed into an electronic system called Oracle. A work order should be issued to the Contractor as necessary for each maintenance item. Internal Audit reviewed work orders issued for the original eleven (11) invoices selected in the sample outlined earlier in this report and observed the following:

- Work orders could not be located or were not readily available for two (2) of the eleven (11) invoices reviewed. (As a result, nine work orders were reviewed.)
- One (1) work order was associated with fifteen (15) different locations. The location specified on the work order was the address of a parish building and not of any of the work locations.
- Eight (8) work orders indicated that they were issued, started, and completed on the same day.
- Eight (8) work orders did not contain images within the Oracle work order system. However, images were said to be taken at each job.
- Four (4) work orders designated the job as a “Special Project” and were managed by other departments.
- Nine (9) work orders did not utilize the work cost, employee, equipment, or materials data fields within the Oracle work order system.

Work orders were not consistently issued to the Contractor as required by the Bid Specifications, Section 1.16, titled “Scheduling of Work,” states, “Work under this contract will be assigned by written Work Orders.” This is the case, particularly when other departments utilize the contract. This suggests that sometimes verbal work orders were given to the Contractor to authorize the commencement of work.

Eight (8) of the nine (9) work orders reviewed revealed that work orders were opened and closed on the same day. The date shown as “closed” in the Oracle system did not necessarily correspond to the completion of the project. When this scenario was posed to the Contract Administrator, he conveyed that the person entering the “closed” date did so because they considered the work order creation task as complete. The Contract Administrator acknowledged that this date should be the date the project is actually complete.

One (1) of the work orders was associated with fifteen (15) different project locations; however, the location specified was “4901 Jefferson Highway,” which is a parish building address. (See Attachment I for work order examples.) These work orders were tracked in a different system.

Given that some work orders were opened and closed on the same day, one did not appropriately identify the project location and was tracked in a different system, and another was not issued, Internal Audit inquired as to how the Contract Administrator tracks completed and outstanding (in process) projects. The Contract Administrator indicated that he relies upon Contractor for that information. Related data from the Contractor was provided for review.

Two (2) of the work orders designated the job as a “Special Project” and was managed by a department other than Sewerage. For example, pay application #7, “Lining” was managed by Public Works Investigative and Rehabilitation Section (PWIRS), while pay application AFM001, “Install 2-6” flow meters & electrical: Avondale landfill,” was handled by the Department of Environmental Affairs. Since other departments utilize the contract under audit, Internal Audit inquired as to how obligated or encumbered contract costs are tracked, thereby monitoring adequate contract funding for necessary projects.

The Contract Administrator represented that he “receives reports from the contractor on the contract budget for all contract users to prevent any contract cap issues.” However, Internal Audit did not receive any internally generated monitoring documents to indicate verification of the reports received from the Contractor or proactive management of the contract cap.

In addition to work orders, Internal Audit also requested project meeting notes, progress narratives, and field inspection reports. These are all required by the contract’s bid specifications, as cited in the Criteria section of this analysis. Meeting notes, progress narratives, and field inspection reports were provided related to many of the invoices examined, particularly when there was oversight from an engineering firm. According to the Contract Administrator, “Standard construction meetings were held with BLD prior to any work order being issued or work being started. Meetings included field meetings to discuss what work needed to be done and how to accomplish this work. BLD would prepare a cost estimate for the proposed work discussed in the field meeting. If acceptable, a work order is issued to BLD to accomplish work. Before work starts, a preconstruction meeting is held. If SCIP⁵ is involved, the design engineer and resident inspector are present along with SCIP personnel and Sewerage Dept personnel. Schedule of meetings held or agenda of meetings not available.” Internal Audit was unable to verify that all such meetings were held in some cases and that cost estimates were proposed prior to the creation of work orders.

Although the work order system is in place, it needs to provide clear and comprehensive information on routine maintenance work performed. Work orders should be consistently issued as per the terms of the contract. Specifying the correct location for each job, estimated job costing, along with summary notes regarding meetings held and inspections conducted would be helpful in overall contract management. The Oracle system is also capable of attaching pictures to the work order files.

Screenshots of the Oracle work order input screen are shown next to illustrate the information the system can collect.

Workorder

WorkOrder Department: SEWERAGE Workorder Status: CLOSED

Generated By: SEWERAGE DEPT - B TODD Date Issued: 01/10/22 Date Started: 01/10/22 Date Completed: 01/10/22

Work Location: N SIBLEY ST at BOONE ST

Location Area: METAIRIE - Council District #4

Buttons: Images, Comments, Print, Service Request

Work Id.	WORK PERFORMED	Action	Comments
ITCL	ISSUE TO CONTRACTOR LINING	REQUEST RECEIVED	PER BTODD FOR BLD - RECONSCTRUCT SEWER LIFT STATION C4
		WORK ASSIGNED	PER BTODD FOR BLD - RECONSCTRUCT SEWER LIFT STATION C4
		WORK CODE CHANGED	CONTROL TWO SENT BLD REQUEST AS PER BTODD
		WORK CODE STAT CHG	WORK CODE CHANGED FROM CC TO ITCL BY F TRAPANI
		WORK COMPLETED	WORK CODE ITCL CHANGED TO COMPLETE BY F TRAPANI - COMI
		WORK CLOSED	WORK COMPLETED BY F TRAPANI

Dismiss

Highlighted Comment

PER BTODD FOR BLD - RECONSCTRUCT SEWER LIFT STATION C4.1A - NORTH SIBLEY AND BOONE STREET
ACCORDING TO PLANS AND SPECIFICATIONS BY PIVITAL ENGINEERING DATED AUGUST 2020 - THIS IS A SCIP
PROJECT

⁵ Sewerage Capital Improvement Program (SCIP)

Work No.
WO22-1283

Clear

WorkOrder

Outcome of Work
GIVEN TO CONTRACT PR

Generated By ★
SEWERAGE DEPT - SR22-2562

Date Issued
01/10/22

Date Started
01/10/22

Date Completed
01/10/22

Workorder Status
CLOSED

Work Location
N SIBLEY ST at BOONE ST

Location Area
EB - METAIRIE - Council District #4

Work Id.	WORK PERFORMED	Assignment	Cost	Completion Date
ITCL	ISSUE TO CONTRACTOR LINING	IN-HOUSE	\$,001	01/10/22

Work Cost
Add Work
Change Work
Delete Work
Change Status
Print Work
Print Cost

Comments
Images
GIS Map
Employees
Equipment
Materials
Print History
Service Request
Total Cost
Set Washout

Request Services **Dismiss** **Re-Open Workorder**

The Parish has a work order system in place that can be used to assist with contract management and recordkeeping. Additionally, another system is utilized to track contract data, but only as it applies to the user department. The Department of Public Works should designate only one system for use so that a cohesive database is in place and can provide comprehensive information.

According to the Jefferson Parish Contract Administration Policy & Procedures, “The contract administrator is responsible for the contract file and for keeping a complete contract file.” (Pages 5 and 6, Section 6. Minimum Standards & Protocols for Contract Administrators). The Department of Sewerage should look to these policies and procedures to ensure that comprehensive documentation is maintained and done so efficiently and effectively. (See Attachment J for the Jefferson Parish Contract Administration Policy & Procedures.)

RECOMMENDATIONS

- 4) A formalized system should be put into place to track an overall contract dollar utilization plan among the departments.
- 5) Records of pre-construction meetings, required reporting, and field inspection reports should be consistently maintained as required by the terms of the contract. A centralized, electronic system should help foster effective and efficient communication across user departments.
- 6) The Contract Administrator, along with other user departments, should ensure that work orders are consistently issued as required by the terms of the contract.

INVOICE PROCESSING AND PAYMENT

CRITERIA

Bid Specifications #50-132469 include Section 24.03A titled “Substantiating Data for Progress Payments,” which states, (Section A) “All payment requests must be accompanied by a completed Jefferson Parish Certificate of Payment Form and must include a signed affidavit regarding previous payment received, a short progress narrative describing work performed since previous payment submittal,” and (Section B) “Submit two (2) copies of all data required with a cover letter for each monthly pay request.”

FINDING

7) Pay requests were not consistently made on a monthly basis.

OBSERVATIONS

Internal Audit reviewed payment documentation for the eleven (11) invoices selected in the sample outlined earlier in this report. Payment documentation included items such as remittance advices, receipt post listings which includes the purchase order number, certificates of payment which include the contract number, general ledger account number and project number if applicable, invoices and receipts, and affidavits after the first application for payment.

Key observations resulting from the review are as follows:

- One (1) of the eleven (11) invoices represented a monthly service period. (Lining - #7)
- For all invoices reviewed, there was an elapsed time between the end of the project services date and the invoice approval date ranging from two (2) months to five (5) months.
- All invoices were supported by documentation as required by the Department of Accounting.

The lining project invoice #7 is for \$63,772.25. The period indicated on the certificate of payment was from February 1, 2022, to February 28, 2022. Supporting documentation was consistent with the service period. The Director signed off the certificate of payment for this serving on April 29, 2022. The payment date to the vendor was May 17, 2022. This was the only invoice in the sample that included services for a one-month period, as required by the contract. According to the Contract Administrator, the Contractor prefers to bill for projects after their conclusion date, and monthly billing would be counterproductive. If common practice dictates a different billing frequency, future contracts should include language consistent with the common practice. In that case, Internal Audit would advise that a mechanism be put into place to track ongoing project costs to foster monitoring the amounts available for other projects.

The “LS Houma & W. Esplanade Rehab” project invoice amount is \$1,290,559.37. The period on the certificate of payment was from June 11, 2021, to November 30, 2021, which represents approximately five and a half months. Supporting documentation was consistent with the service period. The Director signed off the certificate of payment for this service on April 28, 2022. The payment date to the vendor was May 17, 2022 (included in the same remittance as the previous example). Therefore, there was a five-month gap between the ending service dates and invoice approval dates.

RECOMMENDATION

7) Future contract language should be reviewed to ensure that invoicing frequency is appropriate.

RETAINAGE

CRITERIA

The Parish Payment Processing Requirements delineate required documentation related to the release of retainage.

FINDING

- 8) Retainage payment for contract #55-18462 was made in accordance with the Parish Payment Processing Requirements set forth by the Department of Accounting.

OBSERVATIONS

Payments made to the contractor for services rendered withhold an amount equal to five percent (5%) of the Value of the Work Completed as retainage. Withholding retainage is a standard practice designed to help assure that the Contractor will satisfy its obligations and complete the contract. An example⁶ of retainage is shown below.

Value of Work Completed	\$ 2,238,650.00
Less Percent Retained	\$ 111,932.50
Total Amount Due to Date	\$ 2,126,717.50

The Department of Accounting has "Parish Payment Processing Requirements" in place that addresses the release of retainage. The required documents and information needed to release retainage payment to the contractor include the contract number, account number, project number (if applicable), invoice and receipts, sales tax exemption reporting form (if applicable), clear lien & privilege certificate, and council resolution accepting the project as complete. (See Attachment F for the policy.)

The contract under audit has not yet been completed as of the timing of this report. Therefore, retainage has yet to be released. As such, Internal Audit reviewed the prior maintenance contract (#55-18462). The Parish paid the Contractor \$762,708.08 of retainage related to this contract. All required documentation was included with the payment documentation.

RECOMMENDATION

- 8) There is no recommendation related to this area of analysis.

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⁶ ACH #1157339, paid January 13, 2022

SUMMARY

The Department of Sewerage has a long contractual history with BLD Services, LLC, with contracts dating back to June 2008 (approximately fifteen years). The Department has developed a good working relationship and has established an element of trust with the Contractor. While such a positive business relationship is important, the Contract Administrator and staff should remain vigilant in adhering to, managing, and enforcing the contract terms.

The Department should critically review the Lining contract to ensure that all items charged against it are appropriate and that bid specifications are as comprehensive as possible. The scope of each contract should be specifically defined, and projects should be consistently bid out as required. In addition, the Department should ensure compliance with the Louisiana Public Bid Law and Uniform Purchasing Procedures in all cases.

Various Public Works departments utilize this contract. Information regarding the management of the contract resides with the various departments, thusly not providing for efficient or effective management of the contract. The engagement highlighted the need for the Department of Public Works, as a whole, to establish clear lines of communication and have a more systematic and cohesive approach to contract management. A central electronic collection point would help to foster successful contract management.

Internal Audit would like to thank the Department of Sewerage personnel for their professionalism and responsiveness during this process, along with the various Jefferson Parish Directors and team members who contributed time and attention to this engagement.



RECAP OF RECOMMENDATIONS

#	Pg	Recommendation	Amount	Impact
1	6	The Department of Sewerage should ensure that all sewer lift rehabilitation projects are procured in accordance with Parish and the Louisiana Public Bid Law.	\$4,583,140	Procurement Laws / Dollars At Risk
2	8	Internal Audit recommends that the Department of Sewerage include all specific and known items in future bid specifications in an attempt to minimize unforeseen items and maximize the return on taxpayers' dollars.	Included above	Procurement Laws
3	8	Internal Audit recommends that only bid items contained with the selected vendor bid documents be used to capture contract expenditures.	\$400,000	Procurement Laws / Dollars At Risk
4	12	A formalized system should be put into place to track an overall contract dollar utilization plan among the departments.	N/A	Management Tool
5	12	Records of pre-construction meetings, required reporting, and field inspection reports should be consistently maintained as required by the terms of the contract. A centralized, electronic system should help foster effective and efficient communication across user departments.	N/A	Management Tool
6	12	The Contract Administrator, along with other user departments, should ensure that work orders are consistently issued as required by the terms of the contract.	N/A	Management Tool
7	13	Future contract language should be reviewed to ensure that invoicing frequency is appropriate.	N/A	Management Tool
8	14	There is no recommendation related to this area of analysis.	N/A	N/A
DOLLARS AT RISK			\$4,983,140	

END REPORT



ATTACHMENT A

CONTRACT 55-19496

12110310

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**AGREEMENT
BETWEEN
THE PARISH OF JEFFERSON
AND
BLD SERVICES, LLC**

THIS AGREEMENT is made as of the date of full execution by the parties, as evidenced by the electronic signatures, by and between the Parish of Jefferson, hereinafter called "OWNER", duly represented herein by Scott A. Walker, Chairperson of Jefferson Parish Council, duly authorized to act by virtue of Resolution No. 136979, dated the 3rd day of February, 2021, which is made a part hereof, and BLD Services, LLC, represented by Danny M. Albert, Project Manager, hereinafter called "CONTRACTOR".

NOW THEREFORE, for the considerations hereinafter expressed, the parties agree as follows:

SCOPE OF WORK

The OWNER does hereby grant and confirm unto CONTRACTOR a two year Agreement for Preventative Maintenance (Lining) of Existing Sanitary and Storm Sewers, Including Service Laterals at Scattered Locations in Jefferson Parish, Louisiana, for the Department of Sewerage, as per the General Conditions, any Supplementary Conditions, the Drawings and Specification on the file in the Office of the Chief Buyer for the Parish of Jefferson under Proposal No. 50-132469, and the Contractor's written Bid Proposal dated January 5, 2021, which is made a part hereof by reference. Maximum expenditures for this Agreement shall not exceed thirty million dollars (\$30,000,000.00).

The CONTRACTOR, its successors and assigns hereby agree to perform the Agreement well and faithfully in strict conformity with the terms and conditions of the Agreement, including the General Conditions, any Supplementary Conditions, the Drawings and Specifications, the Instructions to Bidders, and CONTRACTOR's written Bid Proposal.

OWNER'S REPRESENTATIVE

The Director for the Department of Sewerage is responsible for the Project which is the subject of this Agreement and is hereinafter referred to as the Manager/Design Professional, who is to act as OWNER's representative, and who is to assume all duties and responsibilities and

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have the rights and authority assigned to the Manager/Design Professional in the General Conditions in connection with the completion of Work in accordance with the General Conditions.

LABOR AND MATERIALS PAYMENT BOND

CONTRACTOR hereby firmly and truly binds itself as principal with Hartford Fire Insurance Company, as surety, unto the OWNER in the full and true sum of fifteen million dollars (\$15,000,000.00) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, according to the terms and conditions of the labor and material payment bond(s).

PERFORMANCE BOND

CONTRACTOR hereby firmly and truly binds itself as principal with Hartford Fire Insurance Company, as surety, unto the OWNER in the full and true sum of fifteen million dollars (\$15,000,000.00) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, according to the terms and conditions of the performance payment bond(s).

CONTRACT TIMES OR TERM

The Contract shall be for two (2) years beginning on the date the contract is fully executed, and shall terminate at midnight of the date immediately preceding the second anniversary date thereafter.

LIQUIDATED DAMAGES

In accordance with Section 17 of the General Conditions, OWNER and CONTRACTOR agree that as stipulated ("liquidated") damages for the delay (but not as a penalty) CONTRACTOR shall pay the OWNER three hundred dollars (\$300.00) for each day after the time specified for Substantial Completion until the Work is substantially complete. After Substantial Completion of the Work CONTRACTOR shall pay OWNER three hundred (\$300.00) for each day after Substantial Completion until the Work is complete and ready for final acceptance in accordance with the General Conditions.

Also, in addition to and not in lieu of the foregoing liquidated damages, OWNER and CONTRACTOR agree that OWNER shall be entitled to recover from CONTRACTOR or CONTRACTOR's surety additional liquidated damages in accordance with Section 17 of the General Conditions.

PAYMENT AND TERMS

The OWNER binds and obligates itself to pay to said CONTRACTOR on proper completion of the Work under this Agreement those amounts due under the terms and conditions set forth in the General Conditions. Notwithstanding anything to the contrary in the foregoing, CONTRACTOR acknowledges and agrees that, pursuant to the applicable Laws and Regulations, this Agreement is subject to an annual appropriation dependency requirement to the effect that the renewal and/or continuation of this Agreement is contingent upon the appropriation of funds to fulfill the requirements of the Agreement. If the OWNER fails to appropriate sufficient monies to provide for payments under this Agreement, the Agreement shall terminate on the last day of the last fiscal year for which funds were appropriated. This ground for termination is in addition to any other grounds that are identified in the General Conditions of the Supplementary Conditions. Such termination shall be without penalty or expense to OWNER except for payments which have been earned prior to the termination date. Termination of this Agreement by OWNER under the provision of this section shall not constitute an event of default. The decision to fund or not to fund this Agreement for the next fiscal year will be made by the Parish Council in its unfettered discretion based upon what the Parish Council believes to be in the best interests of OWNER. The Parish Council may in its discretion opt not to fund this Agreement for a subsequent fiscal year or years for any reason.

CONTRACTOR'S REPRESENTATIONS

In order to induce OWNER to enter into this Agreement, the CONTRACTOR makes the following representations:

1. CONTRACTOR has visited the Site, has familiarized itself with and is satisfied as to the nature and extent of the Contract Document Work, locality, and as to all general, local and Site conditions and federal, state, and local Laws and Regulations, which may affect cost, progress, performance or furnishing of the Work.
2. CONTRACTOR has examined and carefully studied the Contract Documents (including any Addenda) and the other related data identified in the Bidding Documents including "technical data."
3. CONTRACTOR has carefully studied all (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical

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conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Bidding Documents or in the Supplementary Conditions and (2) reports and drawings of a Hazardous Environmental Condition, if any, at the Site which has been identified in the Bidding Documents or in the Supplementary Conditions. CONTRACTOR accepts the determination, if any, set forth in the Bidding Documents of the extent of the "technical data" contained in such reports and drawings upon which CONTRACTOR is entitled to rely. CONTRACTOR acknowledges that such reports and drawings are not Contract Documents and may not be complete for CONTRACTOR'S purpose. CONTRACTOR acknowledges that OWNER and Design Professional do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Contract Documents with respect to Underground Facilities at or contiguous to the Site. CONTRACTOR has obtained and carefully studied (or assumes responsibility for having done so) all such additional supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site or otherwise which may affect cost, progress, performance or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by CONTRACTOR and safety precautions and programs incident thereto. CONTRACTOR does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the performance and furnishing of the Work at the Contract Price, within the Contract Times and in accordance with the other terms and conditions of the Contract Documents.

4. 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.
5. CONTRACTOR has correlated the information known to CONTRACTOR, information and observations obtained from visits to the Site, reports and

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drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.

6. CONTRACTOR has given Design Professional written notice of all conflicts, errors, ambiguities or discrepancies that CONTRACTOR has discovered in the Contract Documents and the written resolution thereof by Design Professional is acceptable to CONTRACTOR, and the Contract Documents are generally sufficient to indicate and convey an understanding of all terms and conditions for performance and furnishing of the Work.

ASSIGNMENT

Neither the OWNER nor the CONTRACTOR shall assign, sell, transfer or otherwise convey any interest in this Agreement, including any monies due or to become due to the CONTRACTOR under the contract, without the prior written consent of the other, nor without the consent of the surety, unless the surety has waived its right to notice of assignment. Unless specifically stated to the contrary in any written consent, no assignment, sale, transfer, or conveyance will act as a release or discharge of a party from any duty or responsibility under this Agreement or the General Conditions.

SUBMISSION TO JURISDICTION OF JEFFERSON PARISH COURTS

This Agreement shall be deemed to be a contract made under the laws of the State of Louisiana, and for all purposes shall be interpreted in its entirety in accordance with the laws of said State. The CONTRACTOR hereby agrees and consents to the jurisdiction of the courts of the State of Louisiana over its person. The parties agree that the sole and exclusive venue for any suit or proceeding brought pursuant to this contract shall be the 24th Judicial District Court for the Parish of Jefferson, State of Louisiana.

INSPECTOR GENERAL

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the inspector general in any investigation, audit, inspection, performance review, or hearing pursuant to JPCO 2-155.10(19).

By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal,

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application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

SEVERABILITY CLAUSE

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

ENTIRE AGREEMENT

This Agreement and the documents represent the entire agreement between the OWNER and CONTRACTOR and supersede all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by a written instrument signed by both the OWNER, through its Council Chairperson, and the CONTRACTOR.

This Agreement is fully executed on the latest date indicated below.

DATE:

PARISH OF JEFFERSON

2/18/2021

BY:

Scott A. Walker
SCOTT A. WALKER, CHAIRPERSON
JEFFERSON PARISH COUNCIL

DATE:

BLD SERVICES, LLC

2/22/2021

BY:

Danny M. Albert
DANNY M. ALBERT
PROJECT MANAGER



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On motion of **Mr. Templet**, seconded by **Mr. Walker**, the following resolution was offered:

RESOLUTION NO. 136979

A resolution accepting the lowest responsible bid of **BLD Services, LLC**, under Proposal No. 50-132469, for a two (2) year contract for Preventative Maintenance (Lining) of Existing Sanitary and Storm Sewers, Including Service Laterals at Scattered Locations in Jefferson Parish, Louisiana, for the Department of Sewerage at the bid tabulation price of \$5,248,526.00. Maximum expenditures for this contract shall not exceed \$15,000,000.00 per year, with a total cap of \$30,000,000.00 for the two-years, by a factor of not more than ten percent (10%), without amendment to the contract authorized by resolution of the Council. (Parishwide)

WHEREAS, bids were received on January 5, 2021; and
WHEREAS, the lowest responsible bid was submitted by BLD Services, LLC, in the amount of \$5,248,526.00; and

WHEREAS, expenditures to date have totaled \$15,071,200.16 for the current contract with BLD Services, LLC, for the period from August 22, 2019, to January 14, 2021; and

WHEREAS, the current contract (55-18462) will expire on August 21, 2021; and
WHEREAS, maximum expenditures shall not exceed \$15,000,000.00 per year, with a total cap of \$30,000,000.00 for the two years, for Preventative Maintenance (Lining) of Existing Sanitary and Storm Sewers, Including Service Laterals at Scattered Locations in Jefferson Parish, Louisiana, for the Department of Sewerage.

NOW, THEREFORE, BE IT RESOLVED by the Jefferson Parish Council of Jefferson Parish, Louisiana, acting as governing authority of said Parish:

SECTION 1. That the lowest responsible bid of BLD Services, LLC, under Proposal No. 50-132469, for a two (2) year contract for Preventative Maintenance (Lining) of Existing Sanitary and Storm Sewers, Including Service Laterals at Scattered Locations in Jefferson Parish, Louisiana, for the Department of Sewerage at the bid tabulation price of \$5,248,526.00, be and is hereby accepted.

SECTION 2. That the costs associated with this contract be charged to Account No. XXXXX-XXXX-XXX-7454 of the user Department.

SECTION 3. That maximum expenditures shall not exceed \$15,000,000.00 per year, with a total cap of \$30,000,000.00 for the two years, by a factor of not more than 10% without amendment to the contract authorized by resolution of the Council.


SECTION 4. That the Council Chairman or, in her absence, the Vice-Chairperson be and is hereby authorized to execute any and all documents necessary to give full force and effect to this resolution.

The foregoing resolution having been submitted to a vote, the vote thereon was as follows:

YEAS: 7 NAYS: None ABSENT: None

The resolution was declared to be adopted on this the 3rd day of February, 2021.

THE FOREGOING IS CERTIFIED
TO BE A TRUE & CORRECT COPY


EULA A. LOPEZ
 PARISH CLERK
 JEFFERSON PARISH COUNCIL

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ATTACHMENT B

BID SPECIFICATION 50-132469 RELATED TO CONTRACT 55-19496 (EXCERPTS)

Bid 50-00132469

SPECIFICATIONS
JEFFERSON PARISH DEPARTMENT OF SEWERAGE
SEWERAGE CAPITAL IMPROVEMENTS PROGRAM
FOR
PREVENTATIVE MAINTENANCE (LINING)
OF EXISTING SANITARY AND STORM SEWERS,
INCLUDING SERVICE LATERALS AT SCATTERED
LOCATIONS IN JEFFERSON PARISH

1.0 GENERAL CONDITIONS:

1.01 **Scope of contract work:** The purpose of this contract is to provide means to perform replacement and repair of existing sewer lines and work incidental thereto; and, to supplement existing Sewerage Department work crews on day to day maintenance and emergency repairs. Actual quantities used may fall below or exceed the estimated quantities listed on the bid form. Work orders will be issued on an as needed basis, for repairs at various locations on the East and West Banks of Jefferson Parish. All work covered under this contract must conform to Jefferson Parish Engineering Department standard detail sheets, available at the Jefferson Parish Engineering Department.

1.11 **Work Scheduling:** Because of the nature of this contract, it may be necessary for the contractor to respond to emergencies immediately upon notification, within one (1) hour of call out.

The Contractor will be issued a work order to proceed with a "Line" or "Repair" item of work and at that time be furnished with the approximate location and general description of the work to be performed.

1.16 Scheduling of Work:

Work under this contract will be assigned by written Work Orders, which will include available maps and instructions for the exact work to be performed. The maps will reflect the approximate location and existing conditions of utilities, if available.

After receiving the Work Order, the Contractor shall contact PWIRS and/or Director of the Department of Sewerage, as provided to the Contractor in writing, to arrange for inspection of the work. No work shall be performed until a starting time has been agreed upon between the Contractor and PWIRS and/or Director of the Department of Sewerage. The starting time shall be as stated in the Agreement. The time of completion for each Work Order shall be as stipulated in the Agreement. Should an emergency situation interrupt any work in progress by the Contractor, or make it impossible for the Contractor to start work on a Work Order, then the Contractor will not be held liable for failing to either complete the work in progress or begin the new work within the specified time. Also, in case of an emergency, Jefferson Parish may stop scheduled work and/or postpone the work to a later date. Additionally, Director of the Department of Sewerage and PWIRS shall not issue Work Orders in such quantity that would make it improbable for the Contractor to begin work within the specified time.

The Contractor performing work under this contract shall be required to coordinate his operations with PWIRS and/or Department of Sewerage personnel. The Contractor shall notify residents by (fliers, door hangers, etc.) a minimum of 24 hours prior to commencing work on any work order issues by the Owner. Additional notification periods for various items of work can be found in the specifications.

Once work has begun at a specific location, the Contractor must diligently pursue the work to be done until the work is completed. Director of the Department of Sewerage and/or PWIRS reserves the right to order the Contractor to dispatch additional men and equipment to the job site if, in the opinion of the PPWIRS and/or Director of the Department of Sewerage, work is not proceeding in an orderly manner. This time limit for completion of the ordered work will be strictly enforced. Should the work not be progressing on schedule, Director of Sewerage and/or PWIRS may order the Contractor to employ additional crews in order to complete the work on time.

The PWIRS and/or Director of the Department of Sewerage have the right to require the Contractor to remove incompetent employees from the jobsite. The cost shall be incidental to all bid items.

24.03

SUBSTANTIATING DATA FOR PROGRESS PAYMENTS:

- A. All payment requests must be accompanied by a completed Jefferson Parish Certificate of Payment Form and must include a signed affidavit regarding previous payment received, a short progress narrative describing work performed since previous payment submittal.
- B. When the Department of Sewerage or PWIRS requires additional substantiating data, the Contractor shall submit suitable information, with a cover letter.
- C. Submit two (2) copies of all data required with a cover letter for each monthly pay request. Any additional substantiating data requested shall also be submitted as required in Part B above.

SECTION 25

FIELD INSPECTION REPORTS

25.01 DESCRIPTION:

This work shall consist of the preparation of Field Inspection Report(s) required during various stages of the Contract progression. The Field Inspection Report(s) to be prepared shall be generated through a system compatible with the Peninsular Technologies, LLC PipeTech Software, or Lucity. This work shall be considered incidental to the cost of the associated field work to create and acquire all pertinent data.

TECHNICAL SPECIFICATIONS

SECTION 28

SPECIAL PROJECT PROCEDURES

28.01 PROJECT MEETINGS:

- A. Director of Sewerage and/or PWIRS shall schedule and administer the pre-construction meeting, periodic progress meetings, and specifically called meetings throughout progress of the work. Representatives of contractors, sub-contractors, and suppliers attending the meetings shall be qualified and authorized to act on behalf of the entity each represents.
- B. Director of Sewerage and/or PWIRS shall schedule a pre-construction meeting prior to the beginning of construction. The pre-construction meeting shall be held at a central site, convenient for all parties, designated by the Director of Sewerage and/or PWIRS. Attendance at the pre-construction meeting shall include a Jefferson Parish Department of Sewerage representative, PWIRS, Resident Project Representative, and Contractor's superintendent. The pre-construction meeting shall consist of at least the following items:
 - 1. Designation of responsible personnel
 - 2. Submittals
 - 3. Requests for Payment
 - 4. Procedures for maintaining Record Documents

ATTACHMENT C

AMOUNTS PAID BY BID ITEM

Bid Item	\$ Paid
0001 - 0007 - Lateral Cleaning	1,500.00
0001 - 0012 - Combination Vacu	2,000.00
0001 - 0028 - Insertion of 6.0	39,320.00
0001 - 0118 - Traffic Control	200.00
0001 - Clean 8 Inch or 10 Inch	12,217.01
0002 - 0008 - Lateral Inspecti	1,050.00
0002 - 0028 - Insertion of 6.0	54,480.00
0002 - 0029 - Insertion of 6.0	3,854.00
0002 - 0119 - Traffic Control	46,312.50
0002 - Clean 12 Inch Sewer San	3,039.00
0003 - 0009 - Lateral Inspecti	500.00
0003 - 0010 - Setup for Latera	350.00
0003 - 0030 - Insertion of 6.0	5,670.00
0003 - 0031 - Insertion of 6.0	22,500.00
0003 - 0120 - Traffic Flagman	56,425.00
0003 - Clean 15 Inch and 18 In	15,652.00
0004 - 0010 - Setup for Latera	700.00
0004 - 0011 - Setup for Latera	350.00
0004 - 0043 - Additional 1.5MM	5,000.00
0004 - 0055 - Setup for Long S	9,000.00
0004 - 0130 - Restore 6 Inch -	75,000.00
0004 - Clean 21 Inch and 24 In	38,857.00
0004 CLEAN	910.00
0005 - 0011 - Setup for Latera	350.00
0005 - 0028 - Insertion of 6.0	55,880.00
0005 - 0056 - Long Segment Lat	6,000.00
0005 - 0073 - Chemical Grout t	20.00
0005 - 0139 - 6 Inch HDPE Hori	56,000.00
0005 - Clean 27 Inch and 30 In	42,517.00
0006 - 0028 - Insertion of 6.0	146,040.00
0006 - 0031 - Insertion of 6.0	14,535.00
0006 - 0058 - Setup for Short	500.00
0006 - 0074 - Sewer Manhole/We	23,450.00
0006 - 0141 - 10 Inch HDPE Hor	1,487,150.00
0006 - Clean 36 Inch Sewer San	119,170.00
0007 - 0043 - Additional 1.5MM	3,230.00
0007 - 0055 - Setup for Long S	21,000.00
0007 - 0059 - Short Segment La	7,000.00
0007 - 0076 - Manhole Cover Ad	4,500.00
0007 - 0149 - 1 Cubic Yard Tra	3,125.00
0007 - Lateral Cleaning From M	6,500.00
0008 - 0055 - Setup for Long S	9,000.00
0008 - 0056 - Long Segment Lat	18,000.00
0008 - 0074 - Sewer Manhole/We	1,400.00
0008 - 0081 - Replace Manhole	7,000.00
0008 - 0157 - Small Tools	625.00
0008 - Lateral Inspection From	240,100.00
0009 - 0056 - Long Segment Lat	8,000.00
0009 - 0057 - Extension of Lon	4,050.00
0009 - 0076 - Manhole Cover Ad	1,500.00
0009 - 0082 - Install Force Ma	1,000.00
0009 - 0158 - Pick-Up Truck	1,562.50

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Bid Item	\$ Paid
0009 - Lateral Inspection From	72,500.00
0010 - 0058 - Setup for Short	2,000.00
0010 - 0074 - Sewer Manhole/We	5,600.00
0010 - 0076 - Manhole Cover Ad	1,500.00
0010 - 0083 - Remote Cut and B	36.00
0010 - 0159 - Utility Truck	2,187.50
0010 - Setup for Lateral Clean	12,250.00
0011 - 0059 - Short Segment La	14,000.00
0011 - 0112 - Remove and Repla	4,957.60
0011 - 0114 - Remove and Repla	273.00
0011 - 0160 - Single Axle Truc	75.00
0011 - Setup for Lateral Inspe	16,100.00
0012 - 0073 - Chemical Grout t	10.00
0012 - 0074 - Sewer Manhole/We	24,150.00
0012 - 0114 - Remove and Repla	561.00
0012 - 0165 - Foreman	10,065.00
0012 - Combination Vacuum/Clea	543,635.00
0013 - 0074 - Sewer Manhole/We	61,600.00
0013 - 0076 - Manhole Cover Ad	3,000.00
0013 - 0115 - Remove and Repla	2,474.40
0013 - 0166 - Operator	8,540.00
0013 - Clean 42 Inch Storm Sew	20,736.00
0014 - 0076 - Manhole Cover Ad	7,500.00
0014 - 0081 - Replace Manhole	3,500.00
0014 - 0116 - Remove and Repla	12,325.00
0014 - 0168 - Laborer	10,170.00
0014 - Clean 48 Inch Storm Sew	66,066.00
0014 - CLEAN 48" STORM SEWER	6,300.00
0015 - 0078 - Remove and Repla	3,000.00
0015 - 0083 - Remote Cut and B	25.00
0015 - 0146 - Installation of	4,617.00
0015 - 0172 - Truck Driver	180.00
0016 - 0080 - Repair Manhole L	120.00
0016 - 0084 - Internally Trim	5.00
0016 - 0149 - 1 Cubic Yard Tra	375.00
0016 - 0175 - Unforseen Work-P	15,689.42
0016 - Clean 60 Inch Storm Sew	190,500.00
0017 - 0081 - Replace Manhole	10,500.00
0017 - 0112 - Remove and Repla	6,096.00
0017 - 0157 - Small Tools	75.00
0017 - Root Removal 8 Inch Pip	439.00
0018 - 0082 - Install Force Ma	1,000.00
0018 - 0114 - Remove and Repla	253.20
0018 - 0159 - Utility Truck	262.50
0019 - 0083 - Remote Cut and B	55.00
0019 - 0116 - Remove and Repla	3,000.00
0019 - 0160 - Single Axle Truc	225.00
0020 - 0076 - Manhole Cover Ad	1,500.00
0020 - 0084 - Internally Trim	5.00
0020 - 0112 - Remove and Repla	320.00
0020 - 0118 - Traffic Control	200.00
0020 - 0162 - Welding Truck Co	250.00

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Bid Item	\$ Paid
0020 - Root Removal 15 Inch Pi	42,430.00
0021 - 0112 - Remove and Repla	4,024.00
0021 - 0119 - Traffic Control	1,500.00
0021 - 0165 - Foreman	1,072.50
0021 - Video Inspection/Radial	254,465.00
0022 - 0113 - Remove and Repla	3,996.00
0022 - 0166 - Operator	910.00
0022 - Video Inspection/Radial	60,084.00
0023 - 0114 - Remove and Repla	2,637.00
0023 - 0168 - Laborer	585.00
0023 - Video Inspection/Radial	394,980.00
0024 - 0115 - Remove and Repla	2,547.00
0024 - 0169 - Welder	540.00
0025 - 0116 - Remove and Repla	2,400.00
0025 - 0172 - Truck Driver	495.00
0026 - 0118 - Traffic Control	400.00
0026 - 0175 - Unforseen Work-P	4,283.85
0027 - 0119 - Traffic Control	5,250.00
0028 - 0147 - Additional Granu	1,200.00
0028 - Insertion of 6.0MM CIPP	1,260,800.00
0029 - 0158 - Pick-Up Truck	250.00
0029 - Insertion of 6.0MM CIPP	20,090.00
0030 - 0112 - Remove and Repla	2,424.00
0030 - 0159 - Utility Truck	350.00
0030 - Insertion of 6.0MM CIPP	57,918.00
0031 - 0161 - Tandem Axle Dump	700.00
0031 - Insertion of 6.0MM CIPP	25,335.00
0032 - 0165 - Foreman	1,485.00
0032 - Insertion of 6.0MM CIPP	313,495.00
0033 - 0166 - Operator	1,260.00
0033 - Insertion of 7.5MM CIPP	10,650.00
0034 - 0168 - Laborer	2,160.00
0034 - Insertion of 9.0MM CIPP	134,370.00
0035 - 0172 - Truck Driver	810.00
0037 - Insertion of 12.0MM CIP	143,640.00
0038 - Insertion of 13.5MM CIP	126,720.00
0039 - Insertion of 15.0MM CIP	182,735.00
0040 - 0114 - Remove and Repla	333.00
0041 - Insertion of 18.0MM CIP	136,000.00
0042 - Additional 1.5MM Thickn	200.00
0043 - Additional 1.5MM Thickn	11,650.00
0044 - Additional 1.5MM Thickn	546,700.00
0045 - Additional 1.5MM Thickn	285,500.00
0048 - Additional 1.5MM Thickn	943,740.00
0049 - Additional 1.5MM Thickn	443,835.00
0050 - 0116 - Remove and Repla	1,700.00
0050 - Additional 1.5MM Thickn	793,760.00
0052 - Additional 1.5MM Thickn	743,125.00
0053 - Lateral Reconstruction	1,600.00
0055 - Setup for Long Segment	183,000.00
0056 - Long Segment Lateral	232,000.00
0057 - Extension of Long Segme	22,500.00

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Bid Item	\$ Paid
0058 - Setup for Short Segment	5,500.00
0059 - Short Segment Lateral C	26,250.00
0066 - Restore 8 Inch - 10 Inc	3,750.00
0068 - Restore 8 Inch - 10 Inc	76,000.00
0073 - Chemical Grout to Fill	47,733.60
0074 - Sewer Manhole/Wetwell R	2,817,309.50
0076 - Manhole Cover Adjustmen	21,000.00
0077 - Rebuilding Manhole Benc	300.00
0078 - Remove and Replace Manh	19,500.00
0081 - Replace Manhole Cover a	73,500.00
0082 - Install Force Main Disc	1,000.00
0083 - Remote Cut and Brush Se	577.00
0084 - Internally Trim Protrud	115.00
0085 - Set Up 6 Inch Bypass Pu	171,435.00
0086 - Set Up 8 Inch Bypass Pu	200.00
0088 - Set Up 12 Inch Bypass P	195,000.00
0095 - Operation of 6 Inch Byp	7,500.00
0096 - Operation of 6 Inch Byp	245,340.00
0097 - Operation of 6 Inch Byp	1,428,840.00
0099 - Operation of 8 Inch Byp	2,500.00
0104 - Operation of 12 Inch Bv	1,250.00
0105 - Operation of 12 Inch By	52,000.00
0106 - Operation of 12 Inch By	180,000.00
0111 - Place and Remove Tempor	1,307.70
0112 - Remove and Replace PCC	145,542.40
0113 - Remove and Replace Asph	117,360.00
0114 - Remove and Replace Conc	11,075.40
0115 - Remove and Replace Conc	10,881.60
0116 - Remove and Replace Conc	104,510.00
0117 - Site Specific Traffic C	22,500.00
0118 - Traffic Control Device	58,400.00
0119 - Traffic Control Device	725,812.50
0120 - Traffic Flagman	134,587.50
0130 - Restore 6 Inch - 12 Inc	312,500.00
0139 - 6 Inch HDPE Horizontal	65,000.00
0140 - 8 Inch HDPE Horizontal	97,050.00
0141 - 10 Inch HDPE Horizontal	2,163,350.00
0142 - 12 Inch HDPE Horizontal	179,550.00
0146 - Installation of Handica	1,800.00
0147 - Additional Granular Mat	561,150.00
0148 - 5/8 Cubic Yard Track Ba	169,840.00
0149 - 1 Cubic Yard Track Back	142,135.00
0150 - 2 Cubic Yard Rubber Tir	259,700.00
0151 - 2 Cubic Yard Track Back	62,250.00
0152 - D-4 Dozer	500.00
0157 - Small Tools	41,940.00
0158 - Pick-Up Truck	157,712.50
0159 - Utility Truck	233,327.50
0160 - Single Axle Truck	24,708.00
0161 - Tandem Axle Dump Truck	91,350.00
0162 - Welding Truck Complete	15,095.00
0164 - Low Boy	45,562.50

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Bid Item	\$ Paid
0165 - Foreman	1,157,740.65
0166 - Operator	701,996.40
0167 - Pipe Layer	316,215.90
0168 - Laborer	1,100,160.00
0169 - Welder	40,378.50
0172 - Truck Driver	183,015.00
0173 - Electrician	227,044.50
0175 - Unforeseen Work-Point Re	4,161,470.54 A
0178 - Slab Sodding	76.12
19496-01 Preventative Maint. o	400,000.00 A
19496-03 C5849-CDBG	21,669.97 A
Grand Total	30,892,394.26
Sum of A = Unforeseen/Non-bid	4,583,140.51

ATTACHMENT D

ITEMS PAID BY INVOICE

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0004 - Clean 21 Inch and 24 In	9055	3/24/2021	70.0000	LF	6.5000	455.0000
0023 - Video Inspection/Radial	9055	3/24/2021	70.0000	LF	12.0000	840.0000
0034 - Insertion of 9.0MM CIPP	9055	3/24/2021	70.0000	LF	90.0000	6,300.0000
0045 - Additional 1.5MM Thickn	9055	3/24/2021	840.0000	LF	25.0000	21,000.0000
0074 - Sewer Manhole/Wetwell R	9055	3/24/2021	60.0000	BG	350.0000	21,000.0000
0085 - Set Up 6 Inch Bypass Pu	9055	3/24/2021	1.0000	EA	2,750.0000	2,750.0000
0095 - Operation of 6 Inch Byp	9055	3/24/2021	32.0000	HR	125.0000	4,000.0000
0159 - Utility Truck	9055	3/24/2021	2.0000	DY	350.0000	700.0000
0168 - Laborer	9055	3/24/2021	120.0000	HR	90.0000	10,800.0000
0148 - 5/8 Cubic Yard Track Ba	9112	4/07/2021	48.0000	DY	400.0000	19,200.0000
0150 - 2 Cubic Yard Rubber Tir	9112	4/07/2021	24.0000	DY	700.0000	16,800.0000
0158 - Pick-Up Truck	9112	4/07/2021	24.0000	DY	250.0000	6,000.0000
0159 - Utility Truck	9112	4/07/2021	13.0000	DY	350.0000	4,550.0000
0165 - Foreman	9112	4/07/2021	341.0000	HR	165.0000	56,265.0000
0168 - Laborer	9112	4/07/2021	351.0000	HR	90.0000	31,590.0000
0175 - Unforseen Work-Point Re	9112	4/07/2021	398.6800	JOB	1.0000	398.6800
19496-01 Preventative Maint. o	9141	4/22/2021	400,000.0000	EA	1.0000	400,000.0000
0012 - Combination Vacuum/Clea	9142	10/18/2022	11.0200	HR	500.0000	5,510.0000
0073 - Chemical Grout to Fill	9142	10/18/2022	3.3600	GL	10.0000	33.6000
0074 - Sewer Manhole/Wetwell R	9142	10/18/2022	57.9400	BG	350.0000	20,279.0000
0085 - Set Up 6 Inch Bypass Pu	9142	10/18/2022	8,400.0000	EA	2,750.0000	2,310.0000
0096 - Operation of 6 Inch Byp	9142	10/18/2022	1.2600	WK	9,000.0000	11,340.0000
0097 - Operation of 6 Inch Byp	9142	10/18/2022	4,200.0000	MO	27,000.0000	11,340.0000
0114 - Remove and Replace Conc	9142	10/18/2022	7.0900	SQYD	30.0000	212.7000
0115 - Remove and Replace Conc	9142	10/18/2022	5.4100	SQYD	30.0000	162.3000
0148 - 5/8 Cubic Yard Track Ba	9142	10/18/2022	3.3500	DY	400.0000	1,340.0000
0149 - 1 Cubic Yard Track Back	9142	10/18/2022	7.7700	DY	500.0000	3,885.0000
0157 - Small Tools	9142	10/18/2022	9.6500	DY	100.0000	965.0000
0158 - Pick-Up Truck	9142	10/18/2022	1,000.0000	DY	250.0000	25.0000
0159 - Utility Truck	9142	10/18/2022	21.4000	DY	350.0000	7,490.0000
0160 - Single Axle Truck	9142	10/18/2022	1.3600	DY	300.0000	408.0000
0162 - Welding Truck Complete	9142	10/18/2022	4,400.0000	DY	500.0000	220.0000
0165 - Foreman	9142	10/18/2022	156.6100	HR	165.0000	25,840.6500
0166 - Operator	9142	10/18/2022	63.8100	HR	140.0000	8,933.4000
0167 - Pipe Layer	9142	10/18/2022	99.5100	HR	90.0000	8,955.9000
0168 - Laborer	9142	10/18/2022	112.0000	HR	90.0000	10,080.0000
0169 - Welder	9142	10/18/2022	3.3500	HR	135.0000	452.2500
0172 - Truck Driver	9142	10/18/2022	30.7500	HR	90.0000	2,767.5000
0173 - Electrician	9142	10/18/2022	96.1300	HR	150.0000	14,419.5000
0175 - Unforseen Work-Point Re	9142	10/18/2022	152,533.6300	JOB	1.0000	152,533.6300
0088 - Set Up 12 Inch Bypass P	9146	4/27/2021	2.0000	EA	15,000.0000	30,000.0000
0105 - Operation of 12 Inch By	9146	4/27/2021	2.0000	WK	13,000.0000	26,000.0000
0149 - 1 Cubic Yard Track Back	9146	4/27/2021	1.0000	DY	500.0000	500.0000
0151 - 2 Cubic Yard Track Back	9146	4/27/2021	4.5000	DY	600.0000	2,700.0000
0157 - Small Tools	9146	4/27/2021	2.0000	DY	100.0000	200.0000
0158 - Pick-Up Truck	9146	4/27/2021	4.5000	DY	250.0000	1,125.0000
0159 - Utility Truck	9146	4/27/2021	3.5000	DY	350.0000	1,225.0000
0161 - Tandem Axle Dump Truck	9146	4/27/2021	2.0000	DY	700.0000	1,400.0000
0164 - Low Boy	9146	4/27/2021	31.5000	HR	150.0000	4,725.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0165 - Foreman	9146	4/27/2021	42.5000	HR	165.0000	7,012.5000
0166 - Operator	9146	4/27/2021	66.0000	HR	140.0000	9,240.0000
0168 - Laborer	9146	4/27/2021	93.2500	HR	90.0000	8,392.5000
0172 - Truck Driver	9146	4/27/2021	31.5000	HR	90.0000	2,835.0000
0175 - Unforseen Work-Point Re	9146	4/27/2021	1,645.0000	EA	1.0000	1,645.0000
0016 - Clean 60 Inch Storm Sew	9218	4/30/2021	1,300.0000	LF	30.0000	39,000.0000
0023 - Video Inspection/Radial	9218	4/30/2021	1,300.0000	LF	12.0000	15,600.0000
0085 - Set Up 6 Inch Bypass Pu	9218	4/30/2021	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	9218	4/30/2021	3.0000	WK	9,000.0000	27,000.0000
0006 - Clean 36 Inch Sewer San	9219	4/30/2021	2,575.0000	LF	10.0000	25,750.0000
0023 - Video Inspection/Radial	9219	4/30/2021	2,575.0000	LF	12.0000	30,900.0000
0085 - Set Up 6 Inch Bypass Pu	9219	4/30/2021	5,000.0000	EA	2,750.0000	1,375.0000
0096 - Operation of 6 Inch Byp	9219	4/30/2021	1.0000	WK	9,000.0000	9,000.0000
0085 - Set Up 6 Inch Bypass Pu	9265	5/31/2021	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	9265	5/31/2021	2.0000	WK	9,000.0000	18,000.0000
0148 - 5/8 Cubic Yard Track Ba	9265	5/31/2021	25.0000	DY	400.0000	10,000.0000
0149 - 1 Cubic Yard Track Back	9265	5/31/2021	23.0000	DY	500.0000	11,500.0000
0151 - 2 Cubic Yard Track Back	9265	5/31/2021	15.0000	DY	600.0000	9,000.0000
0152 - D-4 Dozer	9265	5/31/2021	2.0000	DY	250.0000	500.0000
0158 - Pick-Up Truck	9265	5/31/2021	30.0000	DY	250.0000	7,500.0000
0161 - Tandem Axle Dump Truck	9265	5/31/2021	5.0000	DY	700.0000	3,500.0000
0164 - Low Boy	9265	5/31/2021	51.0000	HR	150.0000	7,650.0000
0165 - Foreman	9265	5/31/2021	200.0000	HR	165.0000	33,000.0000
0166 - Operator	9265	5/31/2021	150.0000	HR	140.0000	21,000.0000
0168 - Laborer	9265	5/31/2021	275.0000	HR	90.0000	24,750.0000
0172 - Truck Driver	9265	5/31/2021	101.0000	HR	90.0000	9,090.0000
0014 - Clean 48 Inch Storm Sew	9306	5/31/2021	125.0000	LF	21.0000	2,625.0000
0016 - Clean 60 Inch Storm Sew	9306	5/31/2021	175.0000	LF	30.0000	5,250.0000
0023 - Video Inspection/Radial	9306	5/31/2021	300.0000	LF	12.0000	3,600.0000
0039 - Insertion of 15.0MM CIP	9306	5/31/2021	125.0000	LF	115.0000	14,375.0000
0041 - Insertion of 18.0MM CIP	9306	5/31/2021	175.0000	EA	200.0000	35,000.0000
0050 - Additional 1.5MM Thickn	9306	5/31/2021	1,000.0000	LF	110.0000	110,000.0000
0052 - Additional 1.5MM Thickn	9306	5/31/2021	1,400.0000	LF	125.0000	175,000.0000
0074 - Sewer Manhole/Wetwell R	9306	5/31/2021	275.0000	BG	350.0000	96,250.0000
0078 - Remove and Replace Manh	9306	5/31/2021	1.0000	EA	1,500.0000	1,500.0000
0081 - Replace Manhole Cover a	9306	5/31/2021	1.0000	EA	3,500.0000	3,500.0000
0113 - Remove and Replace Asph	9306	5/31/2021	25.0000	SQYD	180.0000	4,500.0000
0117 - Site Specific Traffic C	9306	5/31/2021	1.0000	EA	1,500.0000	1,500.0000
0119 - Traffic Control Device	9306	5/31/2021	7.0000	DY	750.0000	5,250.0000
0086 - Set Up 8 Inch Bypass Pu	9313	4/28/2021	2.0000	EA	100.0000	200.0000
0088 - Set Up 12 Inch Bypass P	9313	4/28/2021	2.0000	EA	15,000.0000	30,000.0000
0099 - Operation of 8 Inch Byp	9313	4/28/2021	1.0000	WK	2,500.0000	2,500.0000
0105 - Operation of 12 Inch By	9313	4/28/2021	2.0000	WK	13,000.0000	26,000.0000
0164 - Low Boy	9313	4/28/2021	4.0000	HR	150.0000	600.0000
0001 - 0007 - Lateral Cleaning	9448	7/31/2021	2.0000	EA	500.0000	1,000.0000
0002 - 0008 - Lateral Inspecti	9448	7/31/2021	1.0000	EA	350.0000	350.0000
0003 - 0009 - Lateral Inspecti	9448	7/31/2021	1.0000	EA	500.0000	500.0000
0004 - 0010 - Setup for Latera	9448	7/31/2021	2.0000	EA	350.0000	700.0000
0005 - 0011 - Setup for Latera	9448	7/31/2021	1.0000	EA	350.0000	350.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0006 - 0028 - Insertion of 6.0	9448	7/31/2021	3,651.0000	LF	40.0000	146,040.0000
0007 - 0055 - Setup for Long S	9448	7/31/2021	7.0000	EA	3,000.0000	21,000.0000
0008 - 0056 - Long Segment Lat	9448	7/31/2021	9.0000	EA	2,000.0000	18,000.0000
0009 - 0057 - Extension of Lon	9448	7/31/2021	54.0000	LF	75.0000	4,050.0000
0010 - 0058 - Setup for Short	9448	7/31/2021	2.0000	EA	500.0000	1,000.0000
0011 - 0059 - Short Segment La	9448	7/31/2021	4.0000	EA	1,750.0000	7,000.0000
0012 - 0073 - Chemical Grout t	9448	7/31/2021	1.0000	GL	10.0000	10.0000
0013 - 0074 - Sewer Manhole/We	9448	7/31/2021	176.0000	BG	350.0000	61,600.0000
0014 - 0076 - Manhole Cover Ad	9448	7/31/2021	5.0000	EA	1,500.0000	7,500.0000
0015 - 0078 - Remove and Repla	9448	7/31/2021	2.0000	EA	1,500.0000	3,000.0000
0016 - 0080 - Repair Manhole L	9448	7/31/2021	3.0000	EA	40.0000	120.0000
0017 - 0081 - Replace Manhole	9448	7/31/2021	3.0000	EA	3,500.0000	10,500.0000
0018 - 0082 - Install Force Ma	9448	7/31/2021	1.0000	EA	1,000.0000	1,000.0000
0019 - 0083 - Remote Cut and B	9448	7/31/2021	55.0000	EA	1.0000	55.0000
0020 - 0084 - Internally Trim	9448	7/31/2021	1.0000	EA	5.0000	5.0000
0021 - 0112 - Remove and Repla	9448	7/31/2021	50.3000	SQYD	80.0000	4,024.0000
0022 - 0113 - Remove and Repla	9448	7/31/2021	22.2000	SQYD	180.0000	3,996.0000
0023 - 0114 - Remove and Repla	9448	7/31/2021	87.9000	SQYD	30.0000	2,637.0000
0024 - 0115 - Remove and Repla	9448	7/31/2021	84.9000	SQYD	30.0000	2,547.0000
0025 - 0116 - Remove and Repla	9448	7/31/2021	24.0000	LF	100.0000	2,400.0000
0026 - 0118 - Traffic Control	9448	7/31/2021	2.0000	EA	200.0000	400.0000
0027 - 0119 - Traffic Control	9448	7/31/2021	7.0000	DY	750.0000	5,250.0000
0028 - 0147 - Additional Granu	9448	7/31/2021	8.0000	CUYD	150.0000	1,200.0000
0029 - 0158 - Pick-Up Truck	9448	7/31/2021	1.0000	DY	250.0000	250.0000
0030 - 0159 - Utility Truck	9448	7/31/2021	1.0000	DY	350.0000	350.0000
0031 - 0161 - Tandem Axle Dump	9448	7/31/2021	1.0000	DY	700.0000	700.0000
0032 - 0165 - Foreman	9448	7/31/2021	9.0000	HR	165.0000	1,485.0000
0033 - 0166 - Operator	9448	7/31/2021	9.0000	HR	140.0000	1,260.0000
0034 - 0168 - Laborer	9448	7/31/2021	24.0000	HR	90.0000	2,160.0000
0035 - 0172 - Truck Driver	9448	7/31/2021	9.0000	HR	90.0000	810.0000
0074 - Sewer Manhole/Wetwell R	9449	7/31/2021	12.0000	BG	350.0000	4,200.0000
0038 - Insertion of 13.5MM CIP	9464	7/31/2021	1,122.0000	LF	110.0000	123,420.0000
0049 - Additional 1.5MM Thickn	9464	7/31/2021	3,927.0000	LF	105.0000	412,335.0000
0074 - Sewer Manhole/Wetwell R	9464	7/31/2021	67.0000	BG	350.0000	23,450.0000
0078 - Remove and Replace Manh	9464	7/31/2021	2.0000	EA	1,500.0000	3,000.0000
0081 - Replace Manhole Cover a	9464	7/31/2021	2.0000	EA	3,500.0000	7,000.0000
0113 - Remove and Replace Asph	9464	7/31/2021	8.0000	SQYD	180.0000	1,440.0000
0117 - Site Specific Traffic C	9464	7/31/2021	1.0000	EA	1,500.0000	1,500.0000
0119 - Traffic Control Device	9464	7/31/2021	10.0000	DY	750.0000	7,500.0000
0001 - 0118 - Traffic Control	9495	8/23/2021	1.0000	EA	200.0000	200.0000
0002 - 0119 - Traffic Control	9495	8/23/2021	61.7500	DY	750.0000	46,312.5000
0003 - 0120 - Traffic Flagman	9495	8/23/2021	1,128.5000	HR	50.0000	56,425.0000
0004 - 0130 - Restore 6 Inch -	9495	8/23/2021	6.0000	EA	12,500.0000	75,000.0000
0005 - 0139 - 6 Inch HDPE Hori	9495	8/23/2021	560.0000	LF	100.0000	56,000.0000
0006 - 0141 - 10 Inch HDPE Hor	9495	8/23/2021	8,498.0000	LF	175.0000	1,487,150.0000
0007 - 0149 - 1 Cubic Yard Tra	9495	8/23/2021	6.2500	DY	500.0000	3,125.0000
0008 - 0157 - Small Tools	9495	8/23/2021	6.2500	DY	100.0000	625.0000
0009 - 0158 - Pick-Up Truck	9495	8/23/2021	6.2500	DY	250.0000	1,562.5000
0010 - 0159 - Utility Truck	9495	8/23/2021	6.2500	DY	350.0000	2,187.5000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0011 - 0160 - Single Axle Truc	9495	8/23/2021	2,500.0000	DY	300.0000	75.0000
0012 - 0165 - Foreman	9495	8/23/2021	61.0000	HR	165.0000	10,065.0000
0013 - 0166 - Operator	9495	8/23/2021	61.0000	HR	140.0000	8,540.0000
0014 - 0168 - Laborer	9495	8/23/2021	113.0000	HR	90.0000	10,170.0000
0015 - 0172 - Truck Driver	9495	8/23/2021	2.0000	HR	90.0000	180.0000
0016 - 0175 - Unforseen Work-P	9495	8/23/2021	15,689.4200	JOB	1.0000	15,689.4200
0001 - Clean 8 Inch or 10 Inch	9571	9/30/2021	345.0000	LF	0.2500	86.2500
0012 - Combination Vacuum/Clea	9571	9/30/2021	53.7500	HR	500.0000	26,875.0000
0021 - Video Inspection/Radial	9571	9/30/2021	345.0000	LF	5.0000	1,725.0000
0028 - Insertion of 6.0MM CIPP	9571	9/30/2021	5,044.0000	LF	40.0000	201,760.0000
0033 - Insertion of 7.5MM CIPP	9571	9/30/2021	142.0000	LF	75.0000	10,650.0000
0034 - Insertion of 9.0MM CIPP	9571	9/30/2021	31.0000	LF	90.0000	2,790.0000
0044 - Additional 1.5MM Thickn	9571	9/30/2021	710.0000	LF	20.0000	14,200.0000
0045 - Additional 1.5MM Thickn	9571	9/30/2021	124.0000	LF	25.0000	3,100.0000
0055 - Setup for Long Segment	9571	9/30/2021	6.0000	EA	3,000.0000	18,000.0000
0056 - Long Segment Lateral	9571	9/30/2021	8.0000	EA	2,000.0000	16,000.0000
0058 - Setup for Short Segment	9571	9/30/2021	3.0000	EA	500.0000	1,500.0000
0059 - Short Segment Lateral C	9571	9/30/2021	3.0000	EA	1,750.0000	5,250.0000
0073 - Chemical Grout to Fill	9571	9/30/2021	4.0000	GL	10.0000	40.0000
0074 - Sewer Manhole/Wetwell R	9571	9/30/2021	156.0000	BG	350.0000	54,600.0000
0076 - Manhole Cover Adjustmen	9571	9/30/2021	4.0000	EA	1,500.0000	6,000.0000
0081 - Replace Manhole Cover a	9571	9/30/2021	1.0000	EA	3,500.0000	3,500.0000
0083 - Remote Cut and Brush Se	9571	9/30/2021	87.0000	EA	1.0000	87.0000
0084 - Internally Trim Protrud	9571	9/30/2021	1.0000	EA	5.0000	5.0000
0085 - Set Up 6 Inch Bypass Pu	9571	9/30/2021	1.0000	EA	2,750.0000	2,750.0000
0095 - Operation of 6 Inch Byp	9571	9/30/2021	12.0000	HR	125.0000	1,500.0000
0112 - Remove and Replace PCC	9571	9/30/2021	298.5000	SQYD	80.0000	23,880.0000
0114 - Remove and Replace Conc	9571	9/30/2021	73.3000	SQYD	30.0000	2,199.0000
0115 - Remove and Replace Conc	9571	9/30/2021	70.3000	SQYD	30.0000	2,109.0000
0116 - Remove and Replace Conc	9571	9/30/2021	104.5000	LF	100.0000	10,450.0000
0118 - Traffic Control Device	9571	9/30/2021	2.0000	EA	200.0000	400.0000
0119 - Traffic Control Device	9571	9/30/2021	2.0000	DY	750.0000	1,500.0000
0130 - Restore 6 Inch - 12 Inc	9571	9/30/2021	1.0000	EA	12,500.0000	12,500.0000
0147 - Additional Granular Mat	9571	9/30/2021	253.0000	CUYD	150.0000	37,950.0000
0149 - 1 Cubic Yard Track Back	9571	9/30/2021	5.0000	DY	500.0000	2,500.0000
0150 - 2 Cubic Yard Rubber Tir	9571	9/30/2021	5.0000	DY	700.0000	3,500.0000
0157 - Small Tools	9571	9/30/2021	6.0000	DY	100.0000	600.0000
0158 - Pick-Up Truck	9571	9/30/2021	5.0000	DY	250.0000	1,250.0000
0159 - Utility Truck	9571	9/30/2021	6.0000	DY	350.0000	2,100.0000
0160 - Single Axle Truck	9571	9/30/2021	1.7500	DY	300.0000	525.0000
0161 - Tandem Axle Dump Truck	9571	9/30/2021	6.0000	DY	700.0000	4,200.0000
0164 - Low Boy	9571	9/30/2021	1.5000	HR	150.0000	225.0000
0165 - Foreman	9571	9/30/2021	53.2500	HR	165.0000	8,786.2500
0166 - Operator	9571	9/30/2021	53.2500	HR	140.0000	7,455.0000
0167 - Pipe Layer	9571	9/30/2021	46.5000	HR	90.0000	4,185.0000
0168 - Laborer	9571	9/30/2021	92.0000	HR	90.0000	8,280.0000
0172 - Truck Driver	9571	9/30/2021	80.2500	HR	90.0000	7,222.5000
0175 - Unforseen Work-Point Re	9571	9/30/2021	9,198.0200	JOB	1.0000	9,198.0200
0001 - Clean 8 Inch or 10 Inch	9581	9/14/2021	300.0000	LF	0.2500	75.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0002 - Clean 12 Inch Sewer San	9581	9/14/2021	200.0000	LF	1.5000	300.0000
0003 - Clean 15 Inch and 18 In	9581	9/14/2021	600.0000	LF	1.7500	1,050.0000
0004 - Clean 21 Inch and 24 In	9581	9/14/2021	725.0000	LF	6.5000	4,712.5000
0006 - Clean 36 Inch Sewer San	9581	9/14/2021	2,000.0000	LF	10.0000	20,000.0000
0021 - Video Inspection/Radial	9581	9/14/2021	500.0000	LF	5.0000	2,500.0000
0022 - Video Inspection/Radial	9581	9/14/2021	600.0000	LF	6.0000	3,600.0000
0023 - Video Inspection/Radial	9581	9/14/2021	2,725.0000	LF	12.0000	32,700.0000
0085 - Set Up 6 Inch Bypass Pu	9581	9/14/2021	2.0000	EA	2,750.0000	5,500.0000
0097 - Operation of 6 Inch Byp	9581	9/14/2021	2.0000	MO	27,000.0000	54,000.0000
0117 - Site Specific Traffic C	9581	9/14/2021	1.0000	EA	1,500.0000	1,500.0000
0118 - Traffic Control Device	9581	9/14/2021	10.0000	EA	200.0000	2,000.0000
0119 - Traffic Control Device	9581	9/14/2021	10.0000	DY	750.0000	7,500.0000
0002 - Clean 12 Inch Sewer San	9582	9/14/2021	257.0000	LF	1.5000	385.5000
0003 - Clean 15 Inch and 18 In	9582	9/14/2021	111.0000	LF	1.7500	194.2500
0004 - Clean 21 Inch and 24 In	9582	9/14/2021	433.0000	LF	6.5000	2,814.5000
0005 - Clean 27 Inch and 30 In	9582	9/14/2021	936.0000	LF	8.5000	7,956.0000
0020 - Root Removal 15 Inch Pi	9582	9/14/2021	1,369.0000	LF	10.0000	13,690.0000
0021 - Video Inspection/Radial	9582	9/14/2021	257.0000	LF	5.0000	1,285.0000
0022 - Video Inspection/Radial	9582	9/14/2021	111.0000	LF	6.0000	666.0000
0023 - Video Inspection/Radial	9582	9/14/2021	1,369.0000	LF	12.0000	16,428.0000
0085 - Set Up 6 Inch Bypass Pu	9582	9/14/2021	3.0000	EA	2,750.0000	8,250.0000
0097 - Operation of 6 Inch Byp	9582	9/14/2021	3.0000	MO	27,000.0000	81,000.0000
0175 - Unforseen Work-Point Re	9582	9/14/2021	54,635.0000	JOB	1.0000	54,635.0000
0074 - Sewer Manhole/Wetwell R	9653	9/30/2021	24.0000	BG	350.0000	8,400.0000
0014 - Clean 48 Inch Storm Sew	9686	10/14/2021	120.0000	LF	21.0000	2,520.0000
0023 - Video Inspection/Radial	9686	10/14/2021	120.0000	LF	12.0000	1,440.0000
0039 - Insertion of 15.0MM CIP	9686	10/14/2021	120.0000	LF	115.0000	13,800.0000
0050 - Additional 1.5MM Thickn	9686	10/14/2021	840.0000	LF	110.0000	92,400.0000
0074 - Sewer Manhole/Wetwell R	9686	10/14/2021	96.0000	BG	350.0000	33,600.0000
0078 - Remove and Replace Manh	9686	10/14/2021	1.0000	EA	1,500.0000	1,500.0000
0081 - Replace Manhole Cover a	9686	10/14/2021	1.0000	EA	3,500.0000	3,500.0000
0113 - Remove and Replace Asph	9686	10/14/2021	29.0000	SQYD	180.0000	5,220.0000
0114 - Remove and Replace Conc	9686	10/14/2021	14.2000	SQYD	30.0000	426.0000
0116 - Remove and Replace Conc	9686	10/14/2021	43.5000	LF	100.0000	4,350.0000
0117 - Site Specific Traffic C	9686	10/14/2021	1.0000	EA	1,500.0000	1,500.0000
0119 - Traffic Control Device	9686	10/14/2021	12.0000	DY	750.0000	9,000.0000
0150 - 2 Cubic Yard Rubber Tir	9686	10/14/2021	7.0000	DY	700.0000	4,900.0000
0151 - 2 Cubic Yard Track Back	9686	10/14/2021	7.0000	DY	600.0000	4,200.0000
0158 - Pick-Up Truck	9686	10/14/2021	7.0000	DY	250.0000	1,750.0000
0159 - Utility Truck	9686	10/14/2021	7.0000	DY	350.0000	2,450.0000
0161 - Tandem Axle Dump Truck	9686	10/14/2021	7.0000	DY	700.0000	4,900.0000
0164 - Low Boy	9686	10/14/2021	32.0000	HR	150.0000	4,800.0000
0165 - Foreman	9686	10/14/2021	57.0000	HR	165.0000	9,405.0000
0166 - Operator	9686	10/14/2021	57.0000	HR	140.0000	7,980.0000
0167 - Pipe Layer	9686	10/14/2021	57.0000	HR	90.0000	5,130.0000
0168 - Laborer	9686	10/14/2021	114.0000	HR	90.0000	10,260.0000
0172 - Truck Driver	9686	10/14/2021	57.0000	HR	90.0000	5,130.0000
0028 - Insertion of 6.0MM CIPP	9728	10/31/2021	931.0000	LF	40.0000	37,240.0000
0032 - Insertion of 6.0MM CIPP	9728	10/31/2021	307.0000	LF	65.0000	19,955.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0044 - Additional 1.5MM Thickn	9728	10/31/2021	921.0000	LF	20.0000	18,420.0000
0055 - Setup for Long Segment	9728	10/31/2021	1.0000	EA	3,000.0000	3,000.0000
0056 - Long Segment Lateral	9728	10/31/2021	1.0000	EA	2,000.0000	2,000.0000
0058 - Setup for Short Segment	9728	10/31/2021	1.0000	EA	500.0000	500.0000
0059 - Short Segment Lateral C	9728	10/31/2021	1.0000	EA	1,750.0000	1,750.0000
0074 - Sewer Manhole/Wetwell R	9728	10/31/2021	177.0000	BG	350.0000	61,950.0000
0083 - Remote Cut and Brush Se	9728	10/31/2021	16.0000	EA	1.0000	16.0000
0084 - Internally Trim Protrud	9728	10/31/2021	2.0000	EA	5.0000	10.0000
0115 - Remove and Replace Conc	9728	10/31/2021	21.3000	SQYD	30.0000	639.0000
0001 - 0028 - Insertion of 6.0	9859	11/30/2021	983.0000	LF	40.0000	39,320.0000
0002 - 0029 - Insertion of 6.0	9859	11/30/2021	94.0000	LF	41.0000	3,854.0000
0003 - 0030 - Insertion of 6.0	9859	11/30/2021	135.0000	LF	42.0000	5,670.0000
0004 - 0055 - Setup for Long S	9859	11/30/2021	3.0000	EA	3,000.0000	9,000.0000
0005 - 0056 - Long Segment Lat	9859	11/30/2021	3.0000	EA	2,000.0000	6,000.0000
0006 - 0058 - Setup for Short	9859	11/30/2021	1.0000	EA	500.0000	500.0000
0007 - 0059 - Short Segment La	9859	11/30/2021	4.0000	EA	1,750.0000	7,000.0000
0008 - 0074 - Sewer Manhole/We	9859	11/30/2021	4.0000	BG	350.0000	1,400.0000
0009 - 0076 - Manhole Cover Ad	9859	11/30/2021	1.0000	EA	1,500.0000	1,500.0000
0010 - 0083 - Remote Cut and B	9859	11/30/2021	13.0000	EA	1.0000	13.0000
0011 - 0114 - Remove and Repla	9859	11/30/2021	9.1000	SQYD	30.0000	273.0000
0014 - Clean 48 Inch Storm Sew	9881	11/30/2021	1,344.0000	LF	21.0000	28,224.0000
0023 - Video Inspection/Radial	9881	11/30/2021	1,344.0000	LF	12.0000	16,128.0000
0039 - Insertion of 15.0MM CIP	9881	11/30/2021	1,344.0000	LF	115.0000	154,560.0000
0050 - Additional 1.5MM Thickn	9881	11/30/2021	5,376.0000	LF	110.0000	591,360.0000
0074 - Sewer Manhole/Wetwell R	9881	11/30/2021	290.0000	BG	350.0000	101,500.0000
0078 - Remove and Replace Manh	9881	11/30/2021	1.0000	EA	1,500.0000	1,500.0000
0081 - Replace Manhole Cover a	9881	11/30/2021	1.0000	EA	3,500.0000	3,500.0000
0117 - Site Specific Traffic C	9881	11/30/2021	1.0000	EA	1,500.0000	1,500.0000
0119 - Traffic Control Device	9881	11/30/2021	10.0000	DY	750.0000	7,500.0000
0151 - 2 Cubic Yard Track Back	9881	11/30/2021	5.0000	DY	600.0000	3,000.0000
0158 - Pick-Up Truck	9881	11/30/2021	6.0000	DY	250.0000	1,500.0000
0159 - Utility Truck	9881	11/30/2021	6.0000	DY	350.0000	2,100.0000
0160 - Single Axle Truck	9881	11/30/2021	2.0000	DY	300.0000	600.0000
0164 - Low Boy	9881	11/30/2021	28.0000	HR	150.0000	4,200.0000
0165 - Foreman	9881	11/30/2021	52.0000	HR	165.0000	8,580.0000
0166 - Operator	9881	11/30/2021	50.0000	HR	140.0000	7,000.0000
0168 - Laborer	9881	11/30/2021	84.0000	HR	90.0000	7,560.0000
0172 - Truck Driver	9881	11/30/2021	12.0000	HR	90.0000	1,080.0000
0012 - Combination Vacuum/Clea	9929	12/15/2021	84.0000	HR	500.0000	42,000.0000
0085 - Set Up 6 Inch Bypass Pu	9929	12/15/2021	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	9929	12/15/2021	1.0000	WK	9,000.0000	9,000.0000
0001 - Clean 8 Inch or 10 Inch	9989	12/31/2021	200.0000	LF	0.2500	50.0000
0002 - Clean 12 Inch Sewer San	9989	12/31/2021	155.0000	LF	1.5000	232.5000
0003 - Clean 15 Inch and 18 In	9989	12/31/2021	1,355.0000	LF	1.7500	2,371.2500
0004 - Clean 21 Inch and 24 In	9989	12/31/2021	625.0000	LF	6.5000	4,062.5000
0005 - Clean 27 Inch and 30 In	9989	12/31/2021	1,050.0000	LF	8.5000	8,925.0000
0021 - Video Inspection/Radial	9989	12/31/2021	355.0000	LF	5.0000	1,775.0000
0022 - Video Inspection/Radial	9989	12/31/2021	1,355.0000	LF	6.0000	8,130.0000
0023 - Video Inspection/Radial	9989	12/31/2021	1,675.0000	LF	12.0000	20,100.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0032 - Insertion of 6.0MM CIPP	9989	12/31/2021	336.0000	LF	65.0000	21,840.0000
0045 - Additional 1.5MM Thickn	9989	12/31/2021	1,680.0000	LF	25.0000	42,000.0000
0068 - Restore 8 Inch - 10 Inc	9989	12/31/2021	5.0000	EA	9,500.0000	47,500.0000
0074 - Sewer Manhole/Wetwell R	9989	12/31/2021	68.0000	BG	350.0000	23,800.0000
0078 - Remove and Replace Manh	9989	12/31/2021	2.0000	EA	1,500.0000	3,000.0000
0081 - Replace Manhole Cover a	9989	12/31/2021	2.0000	EA	3,500.0000	7,000.0000
0085 - Set Up 6 Inch Bypass Pu	9989	12/31/2021	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	9989	12/31/2021	1.0000	MO	27,000.0000	27,000.0000
0111 - P lace and Remove Tempor	9989	12/31/2021	59.5000	SQYD	10.0000	595.0000
0113 - Remove and Replace Asph	9989	12/31/2021	68.0000	SQYD	180.0000	12,240.0000
0114 - Remove and Replace Conc	9989	12/31/2021	17.9000	SQYD	30.0000	537.0000
0115 - Remove and Replace Conc	9989	12/31/2021	8.9000	SQYD	30.0000	267.0000
0116 - Remove and Replace Conc	9989	12/31/2021	58.0000	LF	100.0000	5,800.0000
0117 - Site Specific Traffic C	9989	12/31/2021	1.0000	EA	1,500.0000	1,500.0000
0118 - Traffic Control Device	9989	12/31/2021	10.0000	EA	200.0000	2,000.0000
0119 - Traffic Control Device	9989	12/31/2021	39.0000	DY	750.0000	29,250.0000
0148 - 5/8 Cubic Yard Track Ba	9989	12/31/2021	5.0000	DY	400.0000	2,000.0000
0149 - 1 Cubic Yard Track Back	9989	12/31/2021	5.0000	DY	500.0000	2,500.0000
0157 - Small Tools	9989	12/31/2021	5.0000	DY	100.0000	500.0000
0158 - Pick-Up Truck	9989	12/31/2021	5.0000	DY	250.0000	1,250.0000
0159 - Utility Truck	9989	12/31/2021	5.0000	DY	350.0000	1,750.0000
0160 - Single Axle Truck	9989	12/31/2021	5.0000	DY	300.0000	1,500.0000
0161 - Tandem Axle Dump Truck	9989	12/31/2021	5.0000	DY	700.0000	3,500.0000
0165 - Foreman	9989	12/31/2021	31.0000	HR	165.0000	5,115.0000
0166 - Operator	9989	12/31/2021	31.0000	HR	140.0000	4,340.0000
0167 - Pipe Layer	9989	12/31/2021	31.0000	HR	90.0000	2,790.0000
0168 - Laborer	9989	12/31/2021	62.0000	HR	90.0000	5,580.0000
0172 - Truck Driver	9989	12/31/2021	38.0000	HR	90.0000	3,420.0000
0002 - Clean 12 Inch Sewer San	9990	12/31/2021	487.0000	LF	1.5000	730.5000
0003 - Clean 15 Inch and 18 In	9990	12/31/2021	613.0000	LF	1.7500	1,072.7500
0004 - Clean 21 Inch and 24 In	9990	12/31/2021	1,284.0000	LF	6.5000	8,346.0000
0005 - Clean 27 Inch and 30 In	9990	12/31/2021	296.0000	LF	8.5000	2,516.0000
0006 - Clean 36 Inch Sewer San	9990	12/31/2021	532.0000	LF	10.0000	5,320.0000
0020 - Root Removal 15 Inch Pi	9990	12/31/2021	721.0000	LF	10.0000	7,210.0000
0021 - Video Inspection/Radial	9990	12/31/2021	487.0000	LF	5.0000	2,435.0000
0022 - Video Inspection/Radial	9990	12/31/2021	613.0000	LF	6.0000	3,678.0000
0023 - Video Inspection/Radial	9990	12/31/2021	2,112.0000	LF	12.0000	25,344.0000
0085 - Set Up 6 Inch Bypass Pu	9990	12/31/2021	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	9990	12/31/2021	3.0000	MO	27,000.0000	81,000.0000
0117 - Site Specific Traffic C	9990	12/31/2021	1.0000	EA	1,500.0000	1,500.0000
0118 - Traffic Control Device	9990	12/31/2021	26.0000	EA	200.0000	5,200.0000
0119 - Traffic Control Device	9990	12/31/2021	51.0000	DY	750.0000	38,250.0000
0001 - 0012 - Combination Vacu	10010	12/31/2021	4.0000	HR	500.0000	2,000.0000
0002 - 0028 - Insertion of 6.0	10010	12/31/2021	1,362.0000	LF	40.0000	54,480.0000
0003 - 0031 - Insertion of 6.0	10010	12/31/2021	500.0000	LF	45.0000	22,500.0000
0004 - 0043 - Additional 1.5MM	10010	12/31/2021	1,000.0000	LF	5.0000	5,000.0000
0005 - 0073 - Chemical Grout t	10010	12/31/2021	2.0000	GL	10.0000	20.0000
0006 - 0074 - Sewer Manhole/We	10010	12/31/2021	67.0000	BG	350.0000	23,450.0000
0007 - 0076 - Manhole Cover Ad	10010	12/31/2021	3.0000	EA	1,500.0000	4,500.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0008 - 0081 - Replace Manhole	10010	12/31/2021	2.0000	EA	3,500.0000	7,000.0000
0009 - 0082 - Install Force Ma	10010	12/31/2021	1.0000	EA	1,000.0000	1,000.0000
0010 - 0083 - Remote Cut and B	10010	12/31/2021	23.0000	EA	1.0000	23.0000
0011 - 0112 - Remove and Repla	10010	12/31/2021	61.9700	SQYD	80.0000	4,957.6000
0012 - 0114 - Remove and Repla	10010	12/31/2021	18.7000	SQYD	30.0000	561.0000
0013 - 0115 - Remove and Repla	10010	12/31/2021	82.4800	SQYD	30.0000	2,474.4000
0014 - 0116 - Remove and Repla	10010	12/31/2021	123.2500	LF	100.0000	12,325.0000
0015 - 0146 - Installation of	10010	12/31/2021	30.7800	SQYD	150.0000	4,617.0000
0016 - 0149 - 1 Cubic Yard Tra	10010	12/31/2021	7,500.0000	DY	500.0000	375.0000
0017 - 0157 - Small Tools	10010	12/31/2021	7,500.0000	DY	100.0000	75.0000
0018 - 0159 - Utility Truck	10010	12/31/2021	7,500.0000	DY	350.0000	262.5000
0019 - 0160 - Single Axle Truc	10010	12/31/2021	7,500.0000	DY	300.0000	225.0000
0020 - 0162 - Welding Truck Co	10010	12/31/2021	5,000.0000	DY	500.0000	250.0000
0021 - 0165 - Foreman	10010	12/31/2021	6.5000	HR	165.0000	1,072.5000
0022 - 0166 - Operator	10010	12/31/2021	6.5000	HR	140.0000	910.0000
0023 - 0168 - Laborer	10010	12/31/2021	6.5000	HR	90.0000	585.0000
0024 - 0169 - Welder	10010	12/31/2021	4.0000	HR	135.0000	540.0000
0025 - 0172 - Truck Driver	10010	12/31/2021	5.5000	HR	90.0000	495.0000
0026 - 0175 - Unforseen Work-P	10010	12/31/2021	4,283.8500	JOB	1.0000	4,283.8500
0001 - Clean 8 Inch or 10 Inch	10041	1/12/2022	37,134.0000	LF	0.2500	9,283.5000
0002 - Clean 12 Inch Sewer San	10041	1/12/2022	927.0000	LF	1.5000	1,390.5000
0003 - Clean 15 Inch and 18 In	10041	1/12/2022	881.0000	LF	1.7500	1,541.7500
0004 - Clean 21 Inch and 24 In	10041	1/12/2022	602.0000	LF	6.5000	3,913.0000
0021 - Video Inspection/Radial	10041	1/12/2022	38,061.0000	LF	5.0000	190,305.0000
0022 - Video Inspection/Radial	10041	1/12/2022	1,483.0000	LF	6.0000	8,898.0000
0006 - Clean 36 Inch Sewer San	10083	1/31/2022	1,402.0000	LF	10.0000	14,020.0000
0023 - Video Inspection/Radial	10083	1/31/2022	1,402.0000	LF	12.0000	16,824.0000
0085 - Set Up 6 Inch Bypass Pu	10083	1/31/2022	2.0000	EA	2,750.0000	5,500.0000
0097 - Operation of 6 Inch Byp	10083	1/31/2022	2.0000	MO	27,000.0000	54,000.0000
0118 - Traffic Control Device	10083	1/31/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10083	1/31/2022	22.0000	DY	750.0000	16,500.0000
0016 - Clean 60 Inch Storm Sew	10084	1/31/2022	800.0000	LF	30.0000	24,000.0000
0023 - Video Inspection/Radial	10084	1/31/2022	800.0000	LF	12.0000	9,600.0000
0085 - Set Up 6 Inch Bypass Pu	10084	1/31/2022	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	10084	1/31/2022	2.0000	WK	9,000.0000	18,000.0000
0001 - 0007 - Lateral Cleaning	10117	1/31/2022	1.0000	EA	500.0000	500.0000
0002 - 0008 - Lateral Inspecti	10117	1/31/2022	2.0000	EA	350.0000	700.0000
0003 - 0010 - Setup for Latera	10117	1/31/2022	1.0000	EA	350.0000	350.0000
0004 - 0011 - Setup for Latera	10117	1/31/2022	1.0000	EA	350.0000	350.0000
0005 - 0028 - Insertion of 6.0	10117	1/31/2022	1,397.0000	LF	40.0000	55,880.0000
0006 - 0031 - Insertion of 6.0	10117	1/31/2022	323.0000	LF	45.0000	14,535.0000
0007 - 0043 - Additional 1.5MM	10117	1/31/2022	646.0000	LF	5.0000	3,230.0000
0008 - 0055 - Setup for Long S	10117	1/31/2022	3.0000	EA	3,000.0000	9,000.0000
0009 - 0056 - Long Segment Lat	10117	1/31/2022	4.0000	EA	2,000.0000	8,000.0000
0010 - 0058 - Setup for Short	10117	1/31/2022	2.0000	EA	500.0000	1,000.0000
0011 - 0059 - Short Segment La	10117	1/31/2022	4.0000	EA	1,750.0000	7,000.0000
0012 - 0074 - Sewer Manhole/We	10117	1/31/2022	69.0000	BG	350.0000	24,150.0000
0013 - 0076 - Manhole Cover Ad	10117	1/31/2022	2.0000	EA	1,500.0000	3,000.0000
0014 - 0081 - Replace Manhole	10117	1/31/2022	1.0000	EA	3,500.0000	3,500.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0015 - 0083 - Remote Cut and B	10117	1/31/2022	25.0000	EA	1.0000	25.0000
0016 - 0084 - Internally Trim	10117	1/31/2022	1.0000	EA	5.0000	5.0000
0017 - 0112 - Remove and Repla	10117	1/31/2022	76.2000	SQYD	80.0000	6,096.0000
0018 - 0114 - Remove and Repla	10117	1/31/2022	8.4400	SQYD	30.0000	253.2000
0019 - 0116 - Remove and Repla	10117	1/31/2022	30.0000	LF	100.0000	3,000.0000
0020 - 0118 - Traffic Control	10117	1/31/2022	1.0000	EA	200.0000	200.0000
0021 - 0119 - Traffic Control	10117	1/31/2022	2.0000	DY	750.0000	1,500.0000
0005 - Clean 27 Inch and 30 In	10155	2/28/2022	400.0000	LF	8.5000	3,400.0000
0006 - Clean 36 Inch Sewer San	10155	2/28/2022	500.0000	LF	10.0000	5,000.0000
0023 - Video Inspection/Radial	10155	2/28/2022	900.0000	LF	12.0000	10,800.0000
0085 - Set Up 6 Inch Bypass Pu	10155	2/28/2022	2.0000	EA	2,750.0000	5,500.0000
0097 - Operation of 6 Inch Byp	10155	2/28/2022	2.0000	MO	27,000.0000	54,000.0000
0118 - Traffic Control Device	10155	2/28/2022	21.0000	EA	200.0000	4,200.0000
0119 - Traffic Control Device	10155	2/28/2022	21.0000	DY	750.0000	15,750.0000
0016 - Clean 60 Inch Storm Sew	10156	2/28/2022	825.0000	LF	30.0000	24,750.0000
0023 - Video Inspection/Radial	10156	2/28/2022	825.0000	LF	12.0000	9,900.0000
0085 - Set Up 6 Inch Bypass Pu	10156	2/28/2022	2.0000	EA	2,750.0000	5,500.0000
0097 - Operation of 6 Inch Byp	10156	2/28/2022	2.0000	MO	27,000.0000	54,000.0000
0001 - Clean 8 Inch or 10 Inch	10194	2/28/2022	97.0000	LF	0.2500	24.2500
0021 - Video Inspection/Radial	10194	2/28/2022	97.0000	LF	5.0000	485.0000
0028 - Insertion of 6.0MM CIPP	10194	2/28/2022	1,382.0000	LF	40.0000	55,280.0000
0083 - Remote Cut and Brush Se	10194	2/28/2022	4.0000	EA	1.0000	4.0000
0084 - Internally Trim Protrud	10194	2/28/2022	3.0000	EA	5.0000	15.0000
0112 - Remove and Replace PCC	10194	2/28/2022	43.3000	SQYD	80.0000	3,464.0000
0116 - Remove and Replace Conc	10194	2/28/2022	45.0000	LF	100.0000	4,500.0000
0016 - Clean 60 Inch Storm Sew	10263	3/31/2022	250.0000	LF	30.0000	7,500.0000
0023 - Video Inspection/Radial	10263	3/31/2022	250.0000	LF	12.0000	3,000.0000
0074 - Sewer Manhole/Wetwell R	10263	3/31/2022	94.0000	BG	350.0000	32,900.0000
0085 - Set Up 6 Inch Bypass Pu	10263	3/31/2022	2.0000	EA	2,750.0000	5,500.0000
0097 - Operation of 6 Inch Byp	10263	3/31/2022	2.0000	MO	27,000.0000	54,000.0000
0006 - Clean 36 Inch Sewer San	10264	3/31/2022	875.0000	LF	10.0000	8,750.0000
0023 - Video Inspection/Radial	10264	3/31/2022	875.0000	LF	12.0000	10,500.0000
0085 - Set Up 6 Inch Bypass Pu	10264	3/31/2022	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	10264	3/31/2022	3.0000	WK	9,000.0000	27,000.0000
0118 - Traffic Control Device	10264	3/31/2022	20.0000	EA	200.0000	4,000.0000
0119 - Traffic Control Device	10264	3/31/2022	20.0000	DY	750.0000	15,000.0000
0006 - Clean 36 Inch Sewer San	10271	3/31/2022	85.0000	LF	10.0000	850.0000
0013 - Clean 42 Inch Storm Sew	10271	3/31/2022	30.0000	LF	18.0000	540.0000
0023 - Video Inspection/Radial	10271	3/31/2022	115.0000	LF	12.0000	1,380.0000
0037 - Insertion of 12.0MM CIP	10271	3/31/2022	85.0000	LF	105.0000	8,925.0000
0038 - Insertion of 13.5MM CIP	10271	3/31/2022	30.0000	LF	110.0000	3,300.0000
0048 - Additional 1.5MM Thickn	10271	3/31/2022	510.0000	LF	90.0000	45,900.0000
0049 - Additional 1.5MM Thickn	10271	3/31/2022	300.0000	LF	105.0000	31,500.0000
0074 - Sewer Manhole/Wetwell R	10271	3/31/2022	78.0000	BG	350.0000	27,300.0000
0078 - Remove and Replace Manh	10271	3/31/2022	1.0000	EA	1,500.0000	1,500.0000
0081 - Replace Manhole Cover a	10271	3/31/2022	1.0000	EA	3,500.0000	3,500.0000
0118 - Traffic Control Device	10271	3/31/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10271	3/31/2022	17.0000	DY	750.0000	12,750.0000
0003 - Clean 15 Inch and 18 In	10280	3/31/2022	32.0000	LF	1.7500	56.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0006 - Clean 36 Inch Sewer San	10280	3/31/2022	480.0000	LF	10.0000	4,800.0000
0016 - Clean 60 Inch Storm Sew	10280	3/31/2022	450.0000	LF	30.0000	13,500.0000
0022 - Video Inspection/Radial	10280	3/31/2022	32.0000	LF	6.0000	192.0000
0023 - Video Inspection/Radial	10280	3/31/2022	930.0000	LF	12.0000	11,160.0000
0032 - Insertion of 6.0MM CIPP	10280	3/31/2022	32.0000	LF	65.0000	2,080.0000
0037 - Insertion of 12.0MM CIPP	10280	3/31/2022	480.0000	LF	105.0000	50,400.0000
0044 - Additional 1.5MM Thickn	10280	3/31/2022	256.0000	LF	20.0000	5,120.0000
0048 - Additional 1.5MM Thickn	10280	3/31/2022	3,360.0000	LF	90.0000	302,400.0000
0073 - Chemical Grout to Fill	10280	3/31/2022	2,793.0000	GL	10.0000	27,930.0000
0074 - Sewer Manhole/Wetwell R	10280	3/31/2022	1,735.0000	BG	350.0000	607,250.0000
0081 - Replace Manhole Cover a	10280	3/31/2022	1.0000	EA	3,500.0000	3,500.0000
0085 - Set Up 6 Inch Bypass Pu	10280	3/31/2022	4.0000	EA	2,750.0000	11,000.0000
0088 - Set Up 12 Inch Bypass P	10280	3/31/2022	2.0000	EA	15,000.0000	30,000.0000
0097 - Operation of 6 Inch Byp	10280	3/31/2022	4.0000	MO	27,000.0000	108,000.0000
0106 - Operation of 12 Inch By	10280	3/31/2022	2.0000	MO	18,000.0000	36,000.0000
0117 - Site Specific Traffic C	10280	3/31/2022	1.0000	EA	1,500.0000	1,500.0000
0119 - Traffic Control Device	10280	3/31/2022	35.0000	DY	750.0000	26,250.0000
0147 - Additional Granular Mat	10280	3/31/2022	390.0000	CUYD	150.0000	58,500.0000
0148 - 5/8 Cubic Yard Track Ba	10280	3/31/2022	35.0000	DY	400.0000	14,000.0000
0150 - 2 Cubic Yard Rubber Tir	10280	3/31/2022	80.5000	DY	700.0000	56,350.0000
0151 - 2 Cubic Yard Track Back	10280	3/31/2022	1.0000	DY	600.0000	600.0000
0157 - Small Tools	10280	3/31/2022	25.5000	DY	100.0000	2,550.0000
0158 - Pick-Up Truck	10280	3/31/2022	35.2500	DY	250.0000	8,812.5000
0159 - Utility Truck	10280	3/31/2022	25.5000	DY	350.0000	8,925.0000
0160 - Single Axle Truck	10280	3/31/2022	6.7500	DY	300.0000	2,025.0000
0161 - Tandem Axle Dump Truck	10280	3/31/2022	7.5000	DY	700.0000	5,250.0000
0162 - Welding Truck Complete	10280	3/31/2022	1.0000	DY	500.0000	500.0000
0164 - Low Boy	10280	3/31/2022	30.5000	HR	150.0000	4,575.0000
0165 - Foreman	10280	3/31/2022	363.7500	HR	165.0000	60,018.7500
0166 - Operator	10280	3/31/2022	390.7500	HR	140.0000	54,705.0000
0168 - Laborer	10280	3/31/2022	668.5000	HR	90.0000	60,165.0000
0169 - Welder	10280	3/31/2022	22.5000	HR	135.0000	3,037.5000
0172 - Truck Driver	10280	3/31/2022	190.7500	HR	90.0000	17,167.5000
0012 - Combination Vacuum/Clea	10285	3/31/2022	97.5000	HR	500.0000	48,750.0000
0148 - 5/8 Cubic Yard Track Ba	10285	3/31/2022	2.0000	DY	400.0000	800.0000
0149 - 1 Cubic Yard Track Back	10285	3/31/2022	3.5000	DY	500.0000	1,750.0000
0150 - 2 Cubic Yard Rubber Tir	10285	3/31/2022	5,000.0000	DY	700.0000	350.0000
0157 - Small Tools	10285	3/31/2022	5.5000	DY	100.0000	550.0000
0158 - Pick-Up Truck	10285	3/31/2022	5.5000	DY	250.0000	1,375.0000
0159 - Utility Truck	10285	3/31/2022	7.5000	DY	350.0000	2,625.0000
0160 - Single Axle Truck	10285	3/31/2022	1.0000	DY	300.0000	300.0000
0165 - Foreman	10285	3/31/2022	52.0000	HR	165.0000	8,580.0000
0166 - Operator	10285	3/31/2022	52.0000	HR	140.0000	7,280.0000
0167 - Pipe Layer	10285	3/31/2022	55.2500	HR	90.0000	4,972.5000
0168 - Laborer	10285	3/31/2022	91.7500	HR	90.0000	8,257.5000
0172 - Truck Driver	10285	3/31/2022	8.5000	HR	90.0000	765.0000
0173 - Electrician	10285	3/31/2022	25.0000	HR	150.0000	3,750.0000
0175 - Unforseen Work-Point Re	10285	3/31/2022	15,312.6600	JOB	1.0000	15,312.6600
0074 - Sewer Manhole/Wetwell R	10304	3/31/2022	40.0000	BG	350.0000	14,000.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0147 - Additional Granular Mat	10312	3/31/2022	20.0000	CUYD	150.0000	3,000.0000
0148 - 5/8 Cubic Yard Track Ba	10312	3/31/2022	3.0000	DY	400.0000	1,200.0000
0157 - Small Tools	10312	3/31/2022	2.0000	DY	100.0000	200.0000
0158 - Pick-Up Truck	10312	3/31/2022	1.0000	DY	250.0000	250.0000
0159 - Utility Truck	10312	3/31/2022	2.0000	DY	350.0000	700.0000
0160 - Single Axle Truck	10312	3/31/2022	5,000.0000	DY	300.0000	150.0000
0161 - Tandem Axle Dump Truck	10312	3/31/2022	2.0000	DY	700.0000	1,400.0000
0165 - Foreman	10312	3/31/2022	24.0000	HR	165.0000	3,960.0000
0166 - Operator	10312	3/31/2022	24.0000	HR	140.0000	3,360.0000
0167 - Pipe Layer	10312	3/31/2022	24.0000	HR	90.0000	2,160.0000
0168 - Laborer	10312	3/31/2022	34.2500	HR	90.0000	3,082.5000
0172 - Truck Driver	10312	3/31/2022	12.7500	HR	90.0000	1,147.5000
0001 - Clean 8 Inch or 10 Inch	10341	4/23/2022	822.0500	LF	0.2500	205.5125
0008 - Lateral Inspection From	10341	4/23/2022	686.0000	EA	350.0000	240,100.0000
0021 - Video Inspection/Radial	10341	4/23/2022	822.0000	LF	5.0000	4,110.0000
0119 - Traffic Control Device	10414	4/30/2022	136.5000	DY	750.0000	102,375.0000
0120 - Traffic Flagman	10414	4/30/2022	2,691.7500	HR	50.0000	134,587.5000
0130 - Restore 6 Inch - 12 Inc	10414	4/30/2022	11.0000	EA	12,500.0000	137,500.0000
0141 - 10 Inch HDPE Horizontal	10414	4/30/2022	10,282.0000	LF	175.0000	1,799,350.0000
0149 - 1 Cubic Yard Track Back	10414	4/30/2022	7.5000	DY	500.0000	3,750.0000
0157 - Small Tools	10414	4/30/2022	7.5000	DY	100.0000	750.0000
0158 - Pick-Up Truck	10414	4/30/2022	5.0000	DY	250.0000	1,250.0000
0159 - Utility Truck	10414	4/30/2022	14.0000	DY	350.0000	4,900.0000
0160 - Single Axle Truck	10414	4/30/2022	10.0000	DY	300.0000	3,000.0000
0165 - Foreman	10414	4/30/2022	85.5000	HR	165.0000	14,107.5000
0166 - Operator	10414	4/30/2022	85.5000	HR	140.0000	11,970.0000
0168 - Laborer	10414	4/30/2022	186.0000	HR	90.0000	16,740.0000
0172 - Truck Driver	10414	4/30/2022	93.0000	HR	90.0000	8,370.0000
0016 - Clean 60 Inch Storm Sew	10416	4/30/2022	400.0000	LF	30.0000	12,000.0000
0023 - Video Inspection/Radial	10416	4/30/2022	400.0000	LF	12.0000	4,800.0000
0085 - Set Up 6 Inch Bypass Pu	10416	4/30/2022	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	10416	4/30/2022	2.0000	WK	9,000.0000	18,000.0000
0006 - Clean 36 Inch Sewer San	10417	4/30/2022	500.0000	LF	10.0000	5,000.0000
0023 - Video Inspection/Radial	10417	4/30/2022	500.0000	LF	12.0000	6,000.0000
0085 - Set Up 6 Inch Bypass Pu	10417	4/30/2022	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	10417	4/30/2022	2.0000	WK	9,000.0000	18,000.0000
0118 - Traffic Control Device	10417	4/30/2022	8.0000	EA	200.0000	1,600.0000
0119 - Traffic Control Device	10417	4/30/2022	8.0000	DY	750.0000	6,000.0000
0012 - Combination Vacuum/Clea	10425	4/30/2022	73.0000	HR	500.0000	36,500.0000
0074 - Sewer Manhole/Wetwell R	10425	4/30/2022	361.0000	BG	350.0000	126,350.0000
0088 - Set Up 12 Inch Bypass P	10425	4/30/2022	2.0000	EA	15,000.0000	30,000.0000
0106 - Operation of 12 Inch By	10425	4/30/2022	6.0000	MO	18,000.0000	108,000.0000
0118 - Traffic Control Device	10425	4/30/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10425	4/30/2022	67.0000	DY	750.0000	50,250.0000
0148 - 5/8 Cubic Yard Track Ba	10425	4/30/2022	40.0000	DY	400.0000	16,000.0000
0149 - 1 Cubic Yard Track Back	10425	4/30/2022	14.0000	DY	500.0000	7,000.0000
0150 - 2 Cubic Yard Rubber Tir	10425	4/30/2022	20.0000	DY	700.0000	14,000.0000
0151 - 2 Cubic Yard Track Back	10425	4/30/2022	30.0000	DY	600.0000	18,000.0000
0157 - Small Tools	10425	4/30/2022	61.5000	DY	100.0000	6,150.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0158 - Pick-Up Truck	10425	4/30/2022	65.5000	DY	250.0000	16,375.0000
0159 - Utility Truck	10425	4/30/2022	94.5000	DY	350.0000	33,075.0000
0160 - Single Axle Truck	10425	4/30/2022	9.2500	DY	300.0000	2,775.0000
0161 - Tandem Axle Dump Truck	10425	4/30/2022	4.0000	DY	700.0000	2,800.0000
0162 - Welding Truck Complete	10425	4/30/2022	5.0000	DY	500.0000	2,500.0000
0164 - Low Boy	10425	4/30/2022	12.5000	HR	150.0000	1,875.0000
0165 - Foreman	10425	4/30/2022	560.7500	HR	165.0000	92,523.7500
0166 - Operator	10425	4/30/2022	555.7500	HR	140.0000	77,805.0000
0167 - Pipe Layer	10425	4/30/2022	371.0000	HR	90.0000	33,390.0000
0168 - Laborer	10425	4/30/2022	2,046.0000	HR	90.0000	184,140.0000
0169 - Welder	10425	4/30/2022	40.0000	HR	135.0000	5,400.0000
0172 - Truck Driver	10425	4/30/2022	152.0000	HR	90.0000	13,680.0000
0173 - Electrician	10425	4/30/2022	267.5000	HR	150.0000	40,125.0000
0175 - Unforseen Work-Point Re	10425	4/30/2022	615,608.9100	JOB	1.0000	615,608.9100
0007 - Lateral Cleaning From M	10426	4/30/2022	4.0000	EA	500.0000	2,000.0000
0009 - Lateral Inspection From	10426	4/30/2022	4.0000	EA	500.0000	2,000.0000
0010 - Setup for Lateral Clean	10426	4/30/2022	4.0000	EA	350.0000	1,400.0000
0011 - Setup for Lateral Inspe	10426	4/30/2022	4.0000	EA	350.0000	1,400.0000
0028 - Insertion of 6.0MM CIPP	10426	4/30/2022	1,821.0000	LF	40.0000	72,840.0000
0053 - Lateral Reconstruction	10426	4/30/2022	2.0000	EA	800.0000	1,600.0000
0055 - Setup for Long Segment	10426	4/30/2022	5.0000	EA	3,000.0000	15,000.0000
0056 - Long Segment Lateral	10426	4/30/2022	5.0000	EA	2,000.0000	10,000.0000
0059 - Short Segment Lateral C	10426	4/30/2022	1.0000	EA	1,750.0000	1,750.0000
0074 - Sewer Manhole/Wetwell R	10426	4/30/2022	58.0000	BG	350.0000	20,300.0000
0076 - Manhole Cover Adjustmen	10426	4/30/2022	4.0000	EA	1,500.0000	6,000.0000
0081 - Replace Manhole Cover a	10426	4/30/2022	2.0000	EA	3,500.0000	7,000.0000
0083 - Remote Cut and Brush Se	10426	4/30/2022	50.0000	EA	1.0000	50.0000
0084 - Internally Trim Protrud	10426	4/30/2022	4.0000	EA	5.0000	20.0000
0112 - Remove and Replace PCC	10426	4/30/2022	301.3300	SQYD	80.0000	24,106.4000
0115 - Remove and Replace Conc	10426	4/30/2022	105.0500	SQYD	30.0000	3,151.5000
0116 - Remove and Replace Conc	10426	4/30/2022	224.5000	LF	100.0000	22,450.0000
0118 - Traffic Control Device	10426	4/30/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10426	4/30/2022	20.0000	DY	750.0000	15,000.0000
0147 - Additional Granular Mat	10426	4/30/2022	54.0000	CUYD	150.0000	8,100.0000
0157 - Small Tools	10426	4/30/2022	1.0000	DY	100.0000	100.0000
0158 - Pick-Up Truck	10426	4/30/2022	1.0000	DY	250.0000	250.0000
0159 - Utility Truck	10426	4/30/2022	1.0000	DY	350.0000	350.0000
0165 - Foreman	10426	4/30/2022	8.0000	HR	165.0000	1,320.0000
0166 - Operator	10426	4/30/2022	8.0000	HR	140.0000	1,120.0000
0168 - Laborer	10426	4/30/2022	24.0000	HR	90.0000	2,160.0000
0175 - Unforseen Work-Point Re	10426	4/30/2022	4,000.0000	JOB	1.0000	4,000.0000
0178 - Slab Sodding	10426	4/30/2022	24.2900	SQYD	1.0000	24.2900
0010 - 0076 - Manhole Cover Ad	10427	4/30/2022	1.0000	EA	1,500.0000	1,500.0000
0020 - 0112 - Remove and Repla	10427	4/30/2022	4.0000	SQYD	80.0000	320.0000
0012 - Combination Vacuum/Clea	10441	5/19/2022	158.0000	HR	500.0000	79,000.0000
0016 - Clean 60 Inch Storm Sew	10441	5/19/2022	880.0000	LF	30.0000	26,400.0000
0023 - Video Inspection/Radial	10441	5/19/2022	880.0000	LF	12.0000	10,560.0000
0073 - Chemical Grout to Fill	10441	5/19/2022	1,960.0000	GL	10.0000	19,600.0000
0074 - Sewer Manhole/Wetwell R	10441	5/19/2022	1,685.0000	BG	350.0000	589,750.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0085 - Set Up 6 Inch Bypass Pu	10441	5/19/2022	2.0000	EA	2,750.0000	5,500.0000
0088 - Set Up 12 Inch Bypass P	10441	5/19/2022	2.0000	EA	15,000.0000	30,000.0000
0097 - Operation of 6 Inch Byp	10441	5/19/2022	2.0000	MO	27,000.0000	54,000.0000
0106 - Operation of 12 Inch By	10441	5/19/2022	2.0000	MO	18,000.0000	36,000.0000
0147 - Additional Granular Mat	10441	5/19/2022	2,730.0000	CUY	150.0000	409,500.0000
0148 - 5/8 Cubic Yard Track Ba	10441	5/19/2022	20.0000	DY	400.0000	8,000.0000
0150 - 2 Cubic Yard Rubber Tir	10441	5/19/2022	19.0000	DY	700.0000	13,300.0000
0151 - 2 Cubic Yard Track Back	10441	5/19/2022	11.0000	DY	600.0000	6,600.0000
0157 - Small Tools	10441	5/19/2022	12.0000	DY	100.0000	1,200.0000
0158 - Pick-Up Truck	10441	5/19/2022	13.0000	DY	250.0000	3,250.0000
0159 - Utility Truck	10441	5/19/2022	12.0000	DY	350.0000	4,200.0000
0160 - Single Axle Truck	10441	5/19/2022	3.0000	DY	300.0000	900.0000
0161 - Tandem Axle Dump Truck	10441	5/19/2022	4.0000	DY	700.0000	2,800.0000
0164 - Low Boy	10441	5/19/2022	40.0000	HR	150.0000	6,000.0000
0165 - Foreman	10441	5/19/2022	270.0000	HR	165.0000	44,550.0000
0166 - Operator	10441	5/19/2022	146.0000	HR	140.0000	20,440.0000
0168 - Laborer	10441	5/19/2022	325.0000	HR	90.0000	29,250.0000
0172 - Truck Driver	10441	5/19/2022	42.0000	HR	90.0000	3,780.0000
0016 - Clean 60 Inch Storm Sew	10460	5/31/2022	315.0000	LF	30.0000	9,450.0000
0023 - Video Inspection/Radial	10460	5/31/2022	315.0000	LF	12.0000	3,780.0000
0085 - Set Up 6 Inch Bypass Pu	10460	5/31/2022	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	10460	5/31/2022	1.0000	MO	27,000.0000	27,000.0000
0006 - Clean 36 Inch Sewer San	10461	5/31/2022	285.0000	LF	10.0000	2,850.0000
0023 - Video Inspection/Radial	10461	5/31/2022	285.0000	LF	12.0000	3,420.0000
0085 - Set Up 6 Inch Bypass Pu	10461	5/31/2022	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	10461	5/31/2022	1.0000	MO	27,000.0000	27,000.0000
0118 - Traffic Control Device	10461	5/31/2022	16.0000	EA	200.0000	3,200.0000
0119 - Traffic Control Device	10461	5/31/2022	16.0000	DY	750.0000	12,000.0000
0012 - Combination Vacuum/Clea	10464	5/31/2022	48.5000	HR	500.0000	24,250.0000
0074 - Sewer Manhole/Wetwell R	10464	5/31/2022	21.0000	BG	350.0000	7,350.0000
0077 - Rebuilding Manhole Benc	10464	5/31/2022	6.0000	EA	50.0000	300.0000
0085 - Set Up 6 Inch Bypass Pu	10464	5/31/2022	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	10464	5/31/2022	2.0000	MO	27,000.0000	54,000.0000
0112 - Remove and Replace PCC	10464	5/31/2022	69.3200	SQYD	80.0000	5,545.6000
0113 - Remove and Replace Asph	10464	5/31/2022	314.0000	SQYD	180.0000	56,520.0000
0114 - Remove and Replace Conc	10464	5/31/2022	134.5900	SQYD	30.0000	4,037.7000
0115 - Remove and Replace Conc	10464	5/31/2022	44.7500	SQYD	30.0000	1,342.5000
0118 - Traffic Control Device	10464	5/31/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10464	5/31/2022	93.7500	DY	750.0000	70,312.5000
0130 - Restore 6 Inch - 12 Inc	10464	5/31/2022	3.0000	EA	12,500.0000	37,500.0000
0141 - 10 Inch HDPE Horizontal	10464	5/31/2022	1,080.0000	LF	175.0000	189,000.0000
0148 - 5/8 Cubic Yard Track Ba	10464	5/31/2022	26.7500	DY	400.0000	10,700.0000
0149 - 1 Cubic Yard Track Back	10464	5/31/2022	75.7500	DY	500.0000	37,875.0000
0150 - 2 Cubic Yard Rubber Tir	10464	5/31/2022	53.7500	DY	700.0000	37,625.0000
0157 - Small Tools	10464	5/31/2022	72.7500	DY	100.0000	7,275.0000
0158 - Pick-Up Truck	10464	5/31/2022	57.5000	DY	250.0000	14,375.0000
0159 - Utility Truck	10464	5/31/2022	72.0000	DY	350.0000	25,200.0000
0160 - Single Axle Truck	10464	5/31/2022	1.7500	DY	300.0000	525.0000
0161 - Tandem Axle Dump Truck	10464	5/31/2022	31.7500	DY	700.0000	22,225.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0162 - Welding Truck Complete	10464	5/31/2022	8.2500	DY	500.0000	4,125.0000
0165 - Foreman	10464	5/31/2022	667.7500	HR	165.0000	110,178.7500
0166 - Operator	10464	5/31/2022	724.9500	HR	140.0000	101,493.0000
0167 - Pipe Layer	10464	5/31/2022	797.5000	HR	90.0000	71,775.0000
0168 - Laborer	10464	5/31/2022	875.2500	HR	90.0000	78,772.5000
0169 - Welder	10464	5/31/2022	74.2500	HR	135.0000	10,023.7500
0172 - Truck Driver	10464	5/31/2022	271.2500	HR	90.0000	24,412.5000
0175 - Unforseen Work-Point Re	10464	5/31/2022	490,311.4600	JOB	1.0000	490,311.4600
0006 - Clean 36 Inch Sewer San	10473	5/31/2022	675.0000	LF	10.0000	6,750.0000
0023 - Video Inspection/Radial	10473	5/31/2022	675.0000	LF	12.0000	8,100.0000
0037 - Insertion of 12.0MM CIP	10473	5/31/2022	675.0000	LF	105.0000	70,875.0000
0048 - Additional 1.5MM Thickn	10473	5/31/2022	5,400.0000	LF	90.0000	486,000.0000
0074 - Sewer Manhole/Wetwell R	10473	5/31/2022	215.0000	BG	350.0000	75,250.0000
0078 - Remove and Replace Manh	10473	5/31/2022	1.0000	EA	1,500.0000	1,500.0000
0081 - Replace Manhole Cover a	10473	5/31/2022	1.0000	EA	3,500.0000	3,500.0000
0113 - Remove and Replace Asph	10473	5/31/2022	30.0000	SQYD	180.0000	5,400.0000
0117 - Site Specific Traffic C	10473	5/31/2022	1.0000	EA	1,500.0000	1,500.0000
0118 - Traffic Control Device	10473	5/31/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10473	5/31/2022	8.0000	DY	750.0000	6,000.0000
0085 - Set Up 6 Inch Bypass Pu	10520	5/31/2022	1.0000	EA	2,750.0000	2,750.0000
0095 - Operation of 6 Inch Byp	10520	5/31/2022	8.0000	HR	125.0000	1,000.0000
0150 - 2 Cubic Yard Rubber Tir	10520	5/31/2022	1.0000	DY	700.0000	700.0000
0157 - Small Tools	10520	5/31/2022	1.0000	DY	100.0000	100.0000
0158 - Pick-Up Truck	10520	5/31/2022	2.7500	DY	250.0000	687.5000
0159 - Utility Truck	10520	5/31/2022	1.0000	DY	350.0000	350.0000
0164 - Low Boy	10520	5/31/2022	6.0000	HR	150.0000	900.0000
0165 - Foreman	10520	5/31/2022	17.0000	HR	165.0000	2,805.0000
0166 - Operator	10520	5/31/2022	11.0000	HR	140.0000	1,540.0000
0167 - Pipe Layer	10520	5/31/2022	22.0000	HR	90.0000	1,980.0000
0168 - Laborer	10520	5/31/2022	22.0000	HR	90.0000	1,980.0000
0172 - Truck Driver	10520	5/31/2022	6.0000	HR	90.0000	540.0000
0175 - Unforseen Work-Point Re	10520	5/31/2022	1,655.0000	JOB	1.0000	1,655.0000
0012 - Combination Vacuum/Clea	10569	5/31/2022	2.0000	HR	500.0000	1,000.0000
0028 - Insertion of 6.0MM CIPP	10569	5/31/2022	4,627.0000	LF	40.0000	185,080.0000
0030 - Insertion of 6.0MM CIPP	10569	5/31/2022	322.0000	LF	42.0000	13,524.0000
0043 - Additional 1.5MM Thickn	10569	5/31/2022	644.0000	LF	5.0000	3,220.0000
0055 - Setup for Long Segment	10569	5/31/2022	6.0000	EA	3,000.0000	18,000.0000
0056 - Long Segment Lateral	10569	5/31/2022	14.0000	EA	2,000.0000	28,000.0000
0058 - Setup for Short Segment	10569	5/31/2022	1.0000	EA	500.0000	500.0000
0059 - Short Segment Lateral C	10569	5/31/2022	1.0000	EA	1,750.0000	1,750.0000
0066 - Restore 8 Inch - 10 Inc	10569	5/31/2022	1.0000	EA	1,250.0000	1,250.0000
0074 - Sewer Manhole/Wetwell R	10569	5/31/2022	14.0000	BG	350.0000	4,900.0000
0076 - Manhole Cover Adjustmen	10569	5/31/2022	1.0000	EA	1,500.0000	1,500.0000
0083 - Remote Cut and Brush Se	10569	5/31/2022	99.0000	EA	1.0000	99.0000
0084 - Internally Trim Protrud	10569	5/31/2022	5.0000	EA	5.0000	25.0000
0112 - Remove and Replace PCC	10569	5/31/2022	96.2200	SQYD	80.0000	7,697.6000
0114 - Remove and Replace Conc	10569	5/31/2022	44.4300	SQYD	30.0000	1,332.9000
0115 - Remove and Replace Conc	10569	5/31/2022	12.0000	SQYD	30.0000	360.0000
0116 - Remove and Replace Conc	10569	5/31/2022	66.0000	LF	100.0000	6,600.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0165 - Foreman	10569	5/31/2022	6.0000	HR	165.0000	990.0000
0166 - Operator	10569	5/31/2022	6.0000	HR	140.0000	840.0000
0168 - Laborer	10569	5/31/2022	18.0000	HR	90.0000	1,620.0000
0178 - Slab Sodding	10569	5/31/2022	51.8300	SQYD	1.0000	51.8300
0016 - Clean 60 Inch Storm Sew	10600	6/30/2022	450.0000	LF	30.0000	13,500.0000
0023 - Video Inspection/Radial	10600	6/30/2022	450.0000	LF	12.0000	5,400.0000
0085 - Set Up 6 Inch Bypass Pu	10600	6/30/2022	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	10600	6/30/2022	2.0000	WK	9,000.0000	18,000.0000
0006 - Clean 36 Inch Sewer San	10601	6/30/2022	1,200.0000	LF	10.0000	12,000.0000
0023 - Video Inspection/Radial	10601	6/30/2022	1,200.0000	LF	12.0000	14,400.0000
0085 - Set Up 6 Inch Bypass Pu	10601	6/30/2022	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	10601	6/30/2022	1.0000	MO	27,000.0000	27,000.0000
0118 - Traffic Control Device	10601	6/30/2022	19.0000	EA	200.0000	3,800.0000
0119 - Traffic Control Device	10601	6/30/2022	19.0000	DY	750.0000	14,250.0000
0003 - Clean 15 Inch and 18 In	10643	6/30/2022	3,118.0000	LF	1.7500	5,456.5000
0009 - Lateral Inspection From	10643	6/30/2022	17.0000	EA	500.0000	8,500.0000
0011 - Setup for Lateral Inspe	10643	6/30/2022	6.0000	EA	350.0000	2,100.0000
0022 - Video Inspection/Radial	10643	6/30/2022	3,118.0000	LF	6.0000	18,708.0000
0031 - Insertion of 6.0MM CIPP	10643	6/30/2022	45.0000	LF	45.0000	2,025.0000
0032 - Insertion of 6.0MM CIPP	10643	6/30/2022	3,118.0000	LF	65.0000	202,670.0000
0043 - Additional 1.5MM Thickn	10643	6/30/2022	225.0000	LF	5.0000	1,125.0000
0044 - Additional 1.5MM Thickn	10643	6/30/2022	18,708.0000	LF	20.0000	374,160.0000
0074 - Sewer Manhole/Wetwell R	10643	6/30/2022	151.0000	BG	350.0000	52,850.0000
0117 - Site Specific Traffic C	10643	6/30/2022	1.0000	EA	1,500.0000	1,500.0000
0118 - Traffic Control Device	10643	6/30/2022	13.0000	EA	200.0000	2,600.0000
0119 - Traffic Control Device	10643	6/30/2022	13.0000	DY	750.0000	9,750.0000
0001 - Clean 8 Inch or 10 Inch	10653	6/30/2022	148.0000	LF	0.2500	37.0000
0011 - Setup for Lateral Inspe	10653	6/30/2022	1.0000	EA	350.0000	350.0000
0021 - Video Inspection/Radial	10653	6/30/2022	148.0000	LF	5.0000	740.0000
0076 - Manhole Cover Adjustmen	10653	6/30/2022	1.0000	EA	1,500.0000	1,500.0000
0112 - Remove and Replace PCC	10653	6/30/2022	28.3300	SQYD	80.0000	2,266.4000
0116 - Remove and Replace Conc	10653	6/30/2022	13.0000	LF	100.0000	1,300.0000
0118 - Traffic Control Device	10653	6/30/2022	2.0000	EA	200.0000	400.0000
0119 - Traffic Control Device	10653	6/30/2022	5.0000	DY	750.0000	3,750.0000
0130 - Restore 6 Inch - 12 Inc	10653	6/30/2022	2.0000	EA	12,500.0000	25,000.0000
0140 - 8 Inch HDPE Horizontal	10653	6/30/2022	141.0000	LF	150.0000	21,150.0000
0012 - Combination Vacuum/Clea	10660	7/18/2022	276.0000	HR	500.0000	138,000.0000
0085 - Set Up 6 Inch Bypass Pu	10660	7/18/2022	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	10660	7/18/2022	2.0000	WK	9,000.0000	18,000.0000
0149 - 1 Cubic Yard Track Back	10660	7/18/2022	2.0000	DY	500.0000	1,000.0000
0150 - 2 Cubic Yard Rubber Tir	10660	7/18/2022	7.7500	DY	700.0000	5,425.0000
0157 - Small Tools	10660	7/18/2022	8.7500	DY	100.0000	875.0000
0158 - Pick-Up Truck	10660	7/18/2022	8.7500	DY	250.0000	2,187.5000
0159 - Utility Truck	10660	7/18/2022	15.5000	DY	350.0000	5,425.0000
0160 - Single Axle Truck	10660	7/18/2022	1.2500	DY	300.0000	375.0000
0164 - Low Boy	10660	7/18/2022	6.0000	HR	150.0000	900.0000
0165 - Foreman	10660	7/18/2022	91.7500	HR	165.0000	15,138.7500
0166 - Operator	10660	7/18/2022	91.7500	HR	140.0000	12,845.0000
0168 - Laborer	10660	7/18/2022	310.2500	HR	90.0000	27,922.5000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0172 - Truck Driver	10660	7/18/2022	15.0000	HR	90.0000	1,350.0000
0175 - Unforseen Work-Point Re	10660	7/18/2022	350.0000	JOB	1.0000	350.0000
0006 - Clean 36 Inch Sewer San	10663	7/25/2022	128.0000	LF	10.0000	1,280.0000
0023 - Video Inspection/Radial	10663	7/25/2022	128.0000	LF	12.0000	1,536.0000
0037 - Insertion of 12.0MM CIP	10663	7/25/2022	128.0000	LF	105.0000	13,440.0000
0048 - Additional 1.5MM Thickn	10663	7/25/2022	1,216.0000	LF	90.0000	109,440.0000
0074 - Sewer Manhole/Wetwell R	10663	7/25/2022	93.0000	BG	350.0000	32,550.0000
0078 - Remove and Replace Manh	10663	7/25/2022	1.0000	EA	1,500.0000	1,500.0000
0081 - Replace Manhole Cover a	10663	7/25/2022	1.0000	EA	3,500.0000	3,500.0000
0113 - Remove and Replace Asph	10663	7/25/2022	30.0000	SQYD	180.0000	5,400.0000
0118 - Traffic Control Device	10663	7/25/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10663	7/25/2022	5.0000	DY	750.0000	3,750.0000
0157 - Small Tools	10663	7/25/2022	5.0000	DY	100.0000	500.0000
0158 - Pick-Up Truck	10663	7/25/2022	5.0000	DY	250.0000	1,250.0000
0159 - Utility Truck	10663	7/25/2022	5.0000	DY	350.0000	1,750.0000
0165 - Foreman	10663	7/25/2022	46.0000	HR	165.0000	7,590.0000
0166 - Operator	10663	7/25/2022	92.0000	HR	140.0000	12,880.0000
0168 - Laborer	10663	7/25/2022	138.0000	HR	90.0000	12,420.0000
0004 CLEAN 21&24IN/INV#10664/	10664	7/25/2022	140.0000	LF	6.5000	910.0000
0023 - Video Inspection/Radial	10664	7/25/2022	140.0000	LF	12.0000	1,680.0000
0034 - Insertion of 9.0MM CIPP	10664	7/25/2022	140.0000	LF	90.0000	12,600.0000
0045 - Additional 1.5MM Thickn	10664	7/25/2022	1,260.0000	LF	25.0000	31,500.0000
0074 - Sewer Manhole/Wetwell R	10664	7/25/2022	10.0000	BG	350.0000	3,500.0000
0001 - Clean 8 Inch or 10 Inch	10667	7/26/2022	439.0000	LF	0.2500	109.7500
0017 - Root Removal 8 Inch Pip	10667	7/26/2022	439.0000	LF	1.0000	439.0000
0021 - Video Inspection/Radial	10667	7/26/2022	439.0000	LF	5.0000	2,195.0000
0028 - Insertion of 6.0MM CIPP	10667	7/26/2022	2,079.0000	LF	40.0000	83,160.0000
0030 - Insertion of 6.0MM CIPP	10667	7/26/2022	420.0000	LF	42.0000	17,640.0000
0043 - Additional 1.5MM Thickn	10667	7/26/2022	840.0000	LF	5.0000	4,200.0000
0066 - Restore 8 Inch - 10 Inc	10667	7/26/2022	1.0000	EA	1,250.0000	1,250.0000
0073 - Chemical Grout to Fill	10667	7/26/2022	13.0000	GL	10.0000	130.0000
0074 - Sewer Manhole/Wetwell R	10667	7/26/2022	122.0000	BG	350.0000	42,700.0000
0076 - Manhole Cover Adjustmen	10667	7/26/2022	1.0000	EA	1,500.0000	1,500.0000
0081 - Replace Manhole Cover a	10667	7/26/2022	3.0000	EA	3,500.0000	10,500.0000
0082 - Install Force Main Disc	10667	7/26/2022	1.0000	EA	1,000.0000	1,000.0000
0083 - Remote Cut and Brush Se	10667	7/26/2022	37.0000	EA	1.0000	37.0000
0084 - Internally Trim Protrud	10667	7/26/2022	3.0000	EA	5.0000	15.0000
0111 - Place and Remove Tempor	10667	7/26/2022	11.7700	SQYD	10.0000	117.7000
0112 - Remove and Replace PCC	10667	7/26/2022	52.7000	SQYD	80.0000	4,216.0000
0116 - Remove and Replace Conc	10667	7/26/2022	24.6000	LF	100.0000	2,460.0000
0118 - Traffic Control Device	10667	7/26/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10667	7/26/2022	1.0000	DY	750.0000	750.0000
0130 - Restore 6 Inch - 12 Inc	10667	7/26/2022	1.0000	EA	12,500.0000	12,500.0000
0003 - Clean 15 Inch and 18 In	10672	7/31/2022	530.0000	LF	1.7500	927.5000
0004 - Clean 21 Inch and 24 In	10672	7/31/2022	627.0000	LF	6.5000	4,075.5000
0022 - Video Inspection/Radial	10672	7/31/2022	530.0000	LF	6.0000	3,180.0000
0023 - Video Inspection/Radial	10672	7/31/2022	627.0000	LF	12.0000	7,524.0000
0032 - Insertion of 6.0MM CIPP	10672	7/31/2022	530.0000	LF	65.0000	34,450.0000
0034 - Insertion of 9.0MM CIPP	10672	7/31/2022	627.0000	LF	90.0000	56,430.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0044 - Additional 1.5MM Thickn	10672	7/31/2022	4,240.0000	LF	20.0000	84,800.0000
0045 - Additional 1.5MM Thickn	10672	7/31/2022	5,016.0000	LF	25.0000	125,400.0000
0055 - Setup for Long Segment	10672	7/31/2022	8.0000	EA	3,000.0000	24,000.0000
0056 - Long Segment Lateral	10672	7/31/2022	8.0000	EA	2,000.0000	16,000.0000
0057 - Extension of Long Segme	10672	7/31/2022	150.0000	LF	75.0000	11,250.0000
0074 - Sewer Manhole/Wetwell R	10672	7/31/2022	346.0000	BG	350.0000	121,100.0000
0117 - Site Specific Traffic C	10672	7/31/2022	1.0000	EA	1,500.0000	1,500.0000
0118 - Traffic Control Device	10672	7/31/2022	4.0000	EA	200.0000	800.0000
0119 - Traffic Control Device	10672	7/31/2022	8.0000	DY	750.0000	6,000.0000
0006 - Clean 36 Inch Sewer San	10673	7/31/2022	680.0000	LF	10.0000	6,800.0000
0023 - Video Inspection/Radial	10673	7/31/2022	680.0000	LF	12.0000	8,160.0000
0085 - Set Up 6 Inch Bypass Pu	10673	7/31/2022	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	10673	7/31/2022	1.0000	WK	9,000.0000	9,000.0000
0118 - Traffic Control Device	10673	7/31/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10673	7/31/2022	3.0000	DY	750.0000	2,250.0000
0014 - Clean 48 Inch Storm Sew	10674	7/31/2022	295.0000	LF	21.0000	6,195.0000
0023 - Video Inspection/Radial	10674	7/31/2022	295.0000	LF	12.0000	3,540.0000
0085 - Set Up 6 Inch Bypass Pu	10674	7/31/2022	2.0000	EA	2,750.0000	5,500.0000
0097 - Operation of 6 Inch Byp	10674	7/31/2022	2.0000	MO	27,000.0000	54,000.0000
0118 - Traffic Control Device	10674	7/31/2022	4.0000	EA	200.0000	800.0000
0119 - Traffic Control Device	10674	7/31/2022	20.0000	DY	750.0000	15,000.0000
0001 - Clean 8 Inch or 10 Inch	10733	7/31/2022	284.0000	LF	0.2500	71.0000
0007 - Lateral Cleaning From M	10733	7/31/2022	2.0000	EA	500.0000	1,000.0000
0009 - Lateral Inspection From	10733	7/31/2022	2.0000	EA	500.0000	1,000.0000
0010 - Setup for Lateral Clean	10733	7/31/2022	1.0000	EA	350.0000	350.0000
0011 - Setup for Lateral Inspe	10733	7/31/2022	1.0000	EA	350.0000	350.0000
0021 - Video Inspection/Radial	10733	7/31/2022	284.0000	LF	5.0000	1,420.0000
0028 - Insertion of 6.0MM CIPP	10733	7/31/2022	4,121.0000	LF	40.0000	164,840.0000
0055 - Setup for Long Segment	10733	7/31/2022	1.0000	EA	3,000.0000	3,000.0000
0056 - Long Segment Lateral	10733	7/31/2022	1.0000	EA	2,000.0000	2,000.0000
0058 - Setup for Short Segment	10733	7/31/2022	2.0000	EA	500.0000	1,000.0000
0059 - Short Segment Lateral C	10733	7/31/2022	4.0000	EA	1,750.0000	7,000.0000
0066 - Restore 8 Inch - 10 Inc	10733	7/31/2022	1.0000	EA	1,250.0000	1,250.0000
0074 - Sewer Manhole/Wetwell R	10733	7/31/2022	35.0000	BG	350.0000	12,250.0000
0081 - Replace Manhole Cover a	10733	7/31/2022	1.0000	EA	3,500.0000	3,500.0000
0083 - Remote Cut and Brush Se	10733	7/31/2022	90.0000	EA	1.0000	90.0000
0084 - Internally Trim Protrud	10733	7/31/2022	1.0000	EA	5.0000	5.0000
0112 - Remove and Replace PCC	10733	7/31/2022	70.0000	SQYD	80.0000	5,600.0000
0116 - Remove and Replace Conc	10733	7/31/2022	42.0000	LF	100.0000	4,200.0000
0117 - Site Specific Traffic C	10733	7/31/2022	1.0000	EA	1,500.0000	1,500.0000
0118 - Traffic Control Device	10733	7/31/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10733	7/31/2022	12.0000	DY	750.0000	9,000.0000
0029 - Insertion of 6.0MM CIPP	10832	8/31/2022	200.0000	LF	41.0000	8,200.0000
0030 - Insertion of 6.0MM CIPP	10832	8/31/2022	155.0000	LF	42.0000	6,510.0000
0031 - Insertion of 6.0MM CIPP	10832	8/31/2022	500.0000	LF	45.0000	22,500.0000
0032 - Insertion of 6.0MM CIPP	10832	8/31/2022	500.0000	LF	65.0000	32,500.0000
0034 - Insertion of 9.0MM CIPP	10832	8/31/2022	625.0000	LF	90.0000	56,250.0000
0042 - Additional 1.5MM Thickn	10832	8/31/2022	400.0000	LF	0.5000	200.0000
0043 - Additional 1.5MM Thickn	10832	8/31/2022	465.0000	LF	5.0000	2,325.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0044 - Additional 1.5MM Thickn	10832	8/31/2022	2,500.0000	LF	20.0000	50,000.0000
0045 - Additional 1.5MM Thickn	10832	8/31/2022	2,500.0000	LF	25.0000	62,500.0000
0055 - Setup for Long Segment	10832	8/31/2022	8.0000	EA	3,000.0000	24,000.0000
0056 - Long Segment Lateral	10832	8/31/2022	8.0000	EA	2,000.0000	16,000.0000
0057 - Extension of Long Segme	10832	8/31/2022	150.0000	LF	75.0000	11,250.0000
0068 - Restore 8 Inch - 10 Inc	10832	8/31/2022	3.0000	EA	9,500.0000	28,500.0000
0074 - Sewer Manhole/Wetwell R	10832	8/31/2022	125.0000	BG	350.0000	43,750.0000
0078 - Remove and Replace Manh	10832	8/31/2022	1.0000	EA	1,500.0000	1,500.0000
0081 - Replace Manhole Cover a	10832	8/31/2022	1.0000	EA	3,500.0000	3,500.0000
0085 - Set Up 6 Inch Bypass Pu	10832	8/31/2022	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	10832	8/31/2022	1.0000	MO	27,000.0000	27,000.0000
0111 - Place and Remove Tempor	10832	8/31/2022	59.5000	SQYD	10.0000	595.0000
0113 - Remove and Replace Asph	10832	8/31/2022	68.0000	SQYD	180.0000	12,240.0000
0114 - Remove and Replace Conc	10832	8/31/2022	17.9000	SQYD	30.0000	537.0000
0115 - Remove and Replace Conc	10832	8/31/2022	8.9000	SQYD	30.0000	267.0000
0118 - Traffic Control Device	10832	8/31/2022	10.0000	EA	200.0000	2,000.0000
0119 - Traffic Control Device	10832	8/31/2022	30.0000	DY	750.0000	22,500.0000
0148 - 5/8 Cubic Yard Track Ba	10832	8/31/2022	5.0000	DY	400.0000	2,000.0000
0149 - 1 Cubic Yard Track Back	10832	8/31/2022	5.0000	DY	500.0000	2,500.0000
0157 - Small Tools	10832	8/31/2022	5.0000	DY	100.0000	500.0000
0158 - Pick-Up Truck	10832	8/31/2022	5.0000	DY	250.0000	1,250.0000
0159 - Utility Truck	10832	8/31/2022	5.0000	DY	350.0000	1,750.0000
0160 - Single Axle Truck	10832	8/31/2022	5.0000	DY	300.0000	1,500.0000
0161 - Tandem Axle Dump Truck	10832	8/31/2022	5.0000	DY	700.0000	3,500.0000
0165 - Foreman	10832	8/31/2022	31.0000	HR	165.0000	5,115.0000
0166 - Operator	10832	8/31/2022	31.0000	HR	140.0000	4,340.0000
0167 - Pipe Layer	10832	8/31/2022	31.0000	HR	90.0000	2,790.0000
0168 - Laborer	10832	8/31/2022	62.0000	HR	90.0000	5,580.0000
0172 - Truck Driver	10832	8/31/2022	38.0000	HR	90.0000	3,420.0000
0014 - Clean 48 Inch Storm Sew	10833	8/31/2022	600.0000	LF	21.0000	12,600.0000
0023 - Video Inspection/Radial	10833	8/31/2022	600.0000	LF	12.0000	7,200.0000
0085 - Set Up 6 Inch Bypass Pu	10833	8/31/2022	2.0000	EA	2,750.0000	5,500.0000
0097 - Operation of 6 Inch Byp	10833	8/31/2022	2.0000	MO	27,000.0000	54,000.0000
0118 - Traffic Control Device	10833	8/31/2022	15.0000	EA	200.0000	3,000.0000
0119 - Traffic Control Device	10833	8/31/2022	15.0000	DY	750.0000	11,250.0000
0003 - Clean 15 Inch and 18 In	10834	8/31/2022	571.0000	LF	1.7500	999.2500
0004 - Clean 21 Inch and 24 In	10834	8/31/2022	692.0000	LF	6.5000	4,498.0000
0005 - Clean 27 Inch and 30 In	10834	8/31/2022	842.0000	LF	8.5000	7,157.0000
0022 - Video Inspection/Radial	10834	8/31/2022	571.0000	LF	6.0000	3,426.0000
0023 - Video Inspection/Radial	10834	8/31/2022	1,534.0000	LF	12.0000	18,408.0000
0085 - Set Up 6 Inch Bypass Pu	10834	8/31/2022	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	10834	8/31/2022	1.0000	MO	27,000.0000	27,000.0000
0118 - Traffic Control Device	10834	8/31/2022	15.0000	EA	200.0000	3,000.0000
0119 - Traffic Control Device	10834	8/31/2022	15.0000	DY	750.0000	11,250.0000
0007 - Lateral Cleaning From M	10927	8/31/2022	1.0000	EA	500.0000	500.0000
0009 - Lateral Inspection From	10927	8/31/2022	1.0000	EA	500.0000	500.0000
0010 - Setup for Lateral Clean	10927	8/31/2022	1.0000	EA	350.0000	350.0000
0011 - Setup for Lateral Inspe	10927	8/31/2022	1.0000	EA	350.0000	350.0000
0012 - Combination Vacuum/Clea	10927	8/31/2022	29.5000	HR	500.0000	14,750.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0055 - Setup for Long Segment	10927	8/31/2022	1.0000	EA	3,000.0000	3,000.0000
0056 - Long Segment Lateral	10927	8/31/2022	1.0000	EA	2,000.0000	2,000.0000
0076 - Manhole Cover Adjustmen	10927	8/31/2022	1.0000	EA	1,500.0000	1,500.0000
0112 - Remove and Replace PCC	10927	8/31/2022	63.3300	SQYD	80.0000	5,066.4000
0116 - Remove and Replace Conc	10927	8/31/2022	57.0000	LF	100.0000	5,700.0000
0118 - Traffic Control Device	10927	8/31/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	10927	8/31/2022	58.0000	DY	750.0000	43,500.0000
0130 - Restore 6 Inch - 12 Inc	10927	8/31/2022	3.0000	EA	12,500.0000	37,500.0000
0139 - 6 Inch HDPE Horizontal	10927	8/31/2022	380.0000	LF	100.0000	38,000.0000
0141 - 10 Inch HDPE Horizontal	10927	8/31/2022	1,000.0000	LF	175.0000	175,000.0000
0149 - 1 Cubic Yard Track Back	10927	8/31/2022	2.0000	DY	500.0000	1,000.0000
0157 - Small Tools	10927	8/31/2022	1.0000	DY	100.0000	100.0000
0158 - Pick-Up Truck	10927	8/31/2022	1.0000	DY	250.0000	250.0000
0159 - Utility Truck	10927	8/31/2022	1.0000	DY	350.0000	350.0000
0161 - Tandem Axle Dump Truck	10927	8/31/2022	5,000.0000	DY	700.0000	350,000.0000
0165 - Foreman	10927	8/31/2022	10.5000	HR	165.0000	1,732.5000
0166 - Operator	10927	8/31/2022	10.5000	HR	140.0000	1,470.0000
0168 - Laborer	10927	8/31/2022	31.5000	HR	90.0000	2,835.0000
0172 - Truck Driver	10927	8/31/2022	5.0000	HR	90.0000	450.0000
0175 - Unforseen Work-Point Re	10927	8/31/2022	7,383.1500	JOB	1.0000	7,383.1500
0003 - Clean 15 Inch and 18 In	10969	9/30/2022	853.0000	LF	1.7500	1,492.7500
0004 - Clean 21 Inch and 24 In	10969	9/30/2022	452.0000	LF	6.5000	2,938.0000
0005 - Clean 27 Inch and 30 In	10969	9/30/2022	1,166.0000	LF	8.5000	9,911.0000
0020 - Root Removal 15 Inch Pi	10969	9/30/2022	1,618.0000	LF	10.0000	16,180.0000
0022 - Video Inspection/Radial	10969	9/30/2022	853.0000	LF	6.0000	5,118.0000
0023 - Video Inspection/Radial	10969	9/30/2022	1,618.0000	LF	12.0000	19,416.0000
0085 - Set Up 6 Inch Bypass Pu	10969	9/30/2022	3.0000	EA	2,750.0000	8,250.0000
0097 - Operation of 6 Inch Byp	10969	9/30/2022	3.0000	MO	27,000.0000	81,000.0000
0118 - Traffic Control Device	10969	9/30/2022	25.0000	EA	200.0000	5,000.0000
0119 - Traffic Control Device	10969	9/30/2022	25.0000	DY	750.0000	18,750.0000
0007 - Lateral Cleaning From M	11022	9/30/2022	3.0000	EA	500.0000	1,500.0000
0009 - Lateral Inspection From	11022	9/30/2022	3.0000	EA	500.0000	1,500.0000
0010 - Setup for Lateral Clean	11022	9/30/2022	3.0000	EA	350.0000	1,050.0000
0011 - Setup for Lateral Inspe	11022	9/30/2022	3.0000	EA	350.0000	1,050.0000
0028 - Insertion of 6.0MM CIPP	11022	9/30/2022	1,758.0000	LF	40.0000	70,320.0000
0029 - Insertion of 6.0MM CIPP	11022	9/30/2022	290.0000	LF	41.0000	11,890.0000
0030 - Insertion of 6.0MM CIPP	11022	9/30/2022	460.0000	LF	42.0000	19,320.0000
0055 - Setup for Long Segment	11022	9/30/2022	7.0000	EA	3,000.0000	21,000.0000
0056 - Long Segment Lateral	11022	9/30/2022	9.0000	EA	2,000.0000	18,000.0000
0058 - Setup for Short Segment	11022	9/30/2022	3.0000	EA	500.0000	1,500.0000
0059 - Short Segment Lateral C	11022	9/30/2022	4.0000	EA	1,750.0000	7,000.0000
0076 - Manhole Cover Adjustmen	11022	9/30/2022	2.0000	EA	1,500.0000	3,000.0000
0083 - Remote Cut and Brush Se	11022	9/30/2022	40.0000	EA	1.0000	40.0000
0084 - Internally Trim Protrud	11022	9/30/2022	4.0000	EA	5.0000	20.0000
0114 - Remove and Replace Conc	11022	9/30/2022	49.1000	SQYD	30.0000	1,473.0000
0115 - Remove and Replace Conc	11022	9/30/2022	3.1100	SQYD	30.0000	93.3000
0074 - Sewer Manhole/Wetwell R	11090	10/31/2022	104.0000	BG	350.0000	36,400.0000
0003 - Clean 15 Inch and 18 In	11091	10/31/2022	280.0000	LF	1.7500	490.0000
0004 - Clean 21 Inch and 24 In	11091	10/31/2022	468.0000	LF	6.5000	3,042.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0005 - Clean 27 Inch and 30 In	11091	10/31/2022	312.0000	LF	8.5000	2,652.0000
0020 - Root Removal 15 Inch Pi	11091	10/31/2022	535.0000	LF	10.0000	5,350.0000
0022 - Video Inspection/Radial	11091	10/31/2022	748.0000	LF	6.0000	4,488.0000
0023 - Video Inspection/Radial	11091	10/31/2022	312.0000	LF	12.0000	3,744.0000
0085 - Set Up 6 Inch Bypass Pu	11091	10/31/2022	2.0000	EA	2,750.0000	5,500.0000
0097 - Operation of 6 Inch Byp	11091	10/31/2022	2.0000	MO	27,000.0000	54,000.0000
0118 - Traffic Control Device	11091	10/31/2022	20.0000	EA	200.0000	4,000.0000
0119 - Traffic Control Device	11091	10/31/2022	20.0000	DY	750.0000	15,000.0000
0014 - CLEAN 48" STORM SEWER P	11092	10/31/2022	300.0000	EA	21.0000	6,300.0000
0023 - Video Inspection/Radial	11092	10/31/2022	300.0000	LF	12.0000	3,600.0000
0085 - Set Up 6 Inch Bypass Pu	11092	10/31/2022	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	11092	10/31/2022	1.0000	MO	27,000.0000	27,000.0000
0118 - Traffic Control Device	11092	10/31/2022	13.0000	EA	200.0000	2,600.0000
0119 - Traffic Control Device	11092	10/31/2022	13.0000	DY	750.0000	9,750.0000
0014 - Clean 48 Inch Storm Sew	11203	11/30/2022	662.0000	LF	21.0000	13,902.0000
0023 - Video Inspection/Radial	11203	11/30/2022	662.0000	LF	12.0000	7,944.0000
0085 - Set Up 6 Inch Bypass Pu	11203	11/30/2022	3.5000	EA	2,750.0000	9,625.0000
0097 - Operation of 6 Inch Byp	11203	11/30/2022	3.5000	MO	27,000.0000	94,500.0000
0118 - Traffic Control Device	11203	11/30/2022	25.0000	EA	200.0000	5,000.0000
0119 - Traffic Control Device	11203	11/30/2022	25.0000	DY	750.0000	18,750.0000
0012 - Combination Vacuum/Clea	22822	2/28/2022	8.0000	HR	500.0000	4,000.0000
0130 - Restore 6 Inch - 12 Inc	22822	2/28/2022	2.0000	EA	12,500.0000	25,000.0000
0139 - 6 Inch HDPE Horizontal	22822	2/28/2022	270.0000	LF	100.0000	27,000.0000
0012 - Combination Vacuum/Clea	21010010	1/18/2022	2.7500	HR	500.0000	1,375.0000
0159 - Utility Truck	21010010	1/18/2022	3.0000	DY	350.0000	1,050.0000
0168 - Laborer	21010010	1/18/2022	16.0000	HR	90.0000	1,440.0000
0173 - Electrician	21010010	1/18/2022	24.0000	HR	150.0000	3,600.0000
0175 - Unforseen Work-Point Re	21010010	1/18/2022	1,296.6400	JOB	1.0000	1,296.6400
0074 - Sewer Manhole/Wetwell R	21010021	11/22/2022	12.0000	BG	350.0000	4,200.0000
0148 - 5/8 Cubic Yard Track Ba	21010021	11/22/2022	1.5000	DY	400.0000	600.0000
0157 - Small Tools	21010021	11/22/2022	1.5000	DY	100.0000	150.0000
0158 - Pick-Up Truck	21010021	11/22/2022	1.5000	DY	250.0000	375.0000
0159 - Utility Truck	21010021	11/22/2022	1.5000	DY	350.0000	525.0000
0165 - Foreman	21010021	11/22/2022	11.0000	HR	165.0000	1,815.0000
0166 - Operator	21010021	11/22/2022	11.0000	HR	140.0000	1,540.0000
0167 - Pipe Layer	21010021	11/22/2022	11.0000	HR	90.0000	990.0000
0168 - Laborer	21010021	11/22/2022	22.0000	HR	90.0000	1,980.0000
0012 - Combination Vacuum/Clea	21048002	3/17/2022	24.5000	HR	500.0000	12,250.0000
0085 - Set Up 6 Inch Bypass Pu	21048002	3/17/2022	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	21048002	3/17/2022	2.0000	MO	27,000.0000	54,000.0000
0148 - 5/8 Cubic Yard Track Ba	21048002	3/17/2022	6.0000	DY	400.0000	2,400.0000
0149 - 1 Cubic Yard Track Back	21048002	3/17/2022	16.7500	DY	500.0000	8,375.0000
0157 - Small Tools	21048002	3/17/2022	22.2500	DY	100.0000	2,225.0000
0158 - Pick-Up Truck	21048002	3/17/2022	22.2500	DY	250.0000	5,562.5000
0159 - Utility Truck	21048002	3/17/2022	30.7500	DY	350.0000	10,762.5000
0160 - Single Axle Truck	21048002	3/17/2022	1.5000	DY	300.0000	450.0000
0161 - Tandem Axle Dump Truck	21048002	3/17/2022	2,500.0000	DY	700.0000	175.0000
0165 - Foreman	21048002	3/17/2022	246.7500	HR	165.0000	40,713.7500
0166 - Operator	21048002	3/17/2022	248.7500	HR	140.0000	34,825.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0167 - Pipe Layer	21048002	3/17/2022	236.0000	HR	90.0000	21,240.0000
0168 - Laborer	21048002	3/17/2022	498.7500	HR	90.0000	44,887.5000
0172 - Truck Driver	21048002	3/17/2022	14.5000	HR	90.0000	1,305.0000
0173 - Electrician	21048002	3/17/2022	81.0000	HR	150.0000	12,150.0000
0175 - Unforseen Work-Point Re	21048002	3/17/2022	209,236.3700	JOB	1.0000	209,236.3700
0012 - Combination Vacuum/Clea	21101001	12/13/2021	36.5000	HR	500.0000	18,250.0000
0085 - Set Up 6 Inch Bypass Pu	21101001	12/13/2021	1.0000	EA	2,750.0000	2,750.0000
0097 - Operation of 6 Inch Byp	21101001	12/13/2021	4.0000	MO	27,000.0000	108,000.0000
0112 - Remove and Replace PCC	21101001	12/13/2021	685.0000	SQYD	80.0000	54,800.0000
0115 - Remove and Replace Conc	21101001	12/13/2021	83.0000	SQYD	30.0000	2,490.0000
0116 - Remove and Replace Conc	21101001	12/13/2021	290.0000	LF	100.0000	29,000.0000
0118 - Traffic Control Device	21101001	12/13/2021	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	21101001	12/13/2021	37.5000	DY	750.0000	28,125.0000
0146 - Installation of Handica	21101001	12/13/2021	12.0000	SQYD	150.0000	1,800.0000
0147 - Additional Granular Mat	21101001	12/13/2021	90.0000	CUY	150.0000	13,500.0000
0148 - 5/8 Cubic Yard Track Ba	21101001	12/13/2021	29.0000	DY	400.0000	11,600.0000
0149 - 1 Cubic Yard Track Back	21101001	12/13/2021	58.0000	DY	500.0000	29,000.0000
0150 - 2 Cubic Yard Rubber Tir	21101001	12/13/2021	55.0000	DY	700.0000	38,500.0000
0157 - Small Tools	21101001	12/13/2021	69.2500	DY	100.0000	6,925.0000
0158 - Pick-Up Truck	21101001	12/13/2021	69.2500	DY	250.0000	17,312.5000
0159 - Utility Truck	21101001	12/13/2021	83.7500	DY	350.0000	29,312.5000
0160 - Single Axle Truck	21101001	12/13/2021	12.7500	DY	300.0000	3,825.0000
0161 - Tandem Axle Dump Truck	21101001	12/13/2021	40.0000	DY	700.0000	28,000.0000
0162 - Welding Truck Complete	21101001	12/13/2021	11.0000	DY	500.0000	5,500.0000
0164 - Low Boy	21101001	12/13/2021	12.5000	HR	150.0000	1,875.0000
0165 - Foreman	21101001	12/13/2021	720.2500	HR	165.0000	118,841.2500
0166 - Operator	21101001	12/13/2021	722.2500	HR	140.0000	101,115.0000
0167 - Pipe Layer	21101001	12/13/2021	682.5000	HR	90.0000	61,425.0000
0168 - Laborer	21101001	12/13/2021	1,242.2500	HR	90.0000	111,802.5000
0169 - Welder	21101001	12/13/2021	117.5000	HR	135.0000	15,862.5000
0172 - Truck Driver	21101001	12/13/2021	499.7500	HR	90.0000	44,977.5000
0173 - Electrician	21101001	12/13/2021	105.5000	HR	150.0000	15,825.0000
0175 - Unforseen Work-Point Re	21101001	12/13/2021	389,445.6200	JOB	1.0000	389,445.6200
0149 - 1 Cubic Yard Track Back	21213001	2/08/2022	3.0000	DY	500.0000	1,500.0000
0151 - 2 Cubic Yard Track Back	21213001	2/08/2022	3.0000	DY	600.0000	1,800.0000
0157 - Small Tools	21213001	2/08/2022	3.0000	DY	100.0000	300.0000
0159 - Utility Truck	21213001	2/08/2022	3.0000	DY	350.0000	1,050.0000
0164 - Low Boy	21213001	2/08/2022	18.0000	HR	150.0000	2,700.0000
0165 - Foreman	21213001	2/08/2022	30.0000	HR	165.0000	4,950.0000
0166 - Operator	21213001	2/08/2022	30.0000	HR	140.0000	4,200.0000
0168 - Laborer	21213001	2/08/2022	90.0000	HR	90.0000	8,100.0000
0172 - Truck Driver	21213001	2/08/2022	18.0000	HR	90.0000	1,620.0000
0173 - Electrician	21213001	2/08/2022	40.0000	HR	150.0000	6,000.0000
0175 - Unforseen Work-Point Re	21213001	2/08/2022	40,374.0000	JOB	1.0000	40,374.0000
0147 - Additional Granular Mat	21307001	9/14/2022	90.0000	CUY	150.0000	13,500.0000
0148 - 5/8 Cubic Yard Track Ba	21307001	9/14/2022	3.7500	DY	400.0000	1,500.0000
0150 - 2 Cubic Yard Rubber Tir	21307001	9/14/2022	5.0000	DY	700.0000	3,500.0000
0151 - 2 Cubic Yard Track Back	21307001	9/14/2022	1.0000	DY	600.0000	600.0000
0157 - Small Tools	21307001	9/14/2022	7.7500	DY	100.0000	775.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0158 - Pick-Up Truck	21307001	9/14/2022	7.7500	DY	250.0000	1,937.5000
0159 - Utility Truck	21307001	9/14/2022	7.7500	DY	350.0000	2,712.5000
0160 - Single Axle Truck	21307001	9/14/2022	3.5000	DY	300.0000	1,050.0000
0161 - Tandem Axle Dump Truck	21307001	9/14/2022	2.7500	DY	700.0000	1,925.0000
0162 - Welding Truck Complete	21307001	9/14/2022	2.2500	DY	500.0000	1,125.0000
0164 - Low Boy	21307001	9/14/2022	3.0000	HR	150.0000	450.0000
0165 - Foreman	21307001	9/14/2022	82.2500	HR	165.0000	13,571.2500
0166 - Operator	21307001	9/14/2022	92.2500	HR	140.0000	12,915.0000
0167 - Pipe Layer	21307001	9/14/2022	47.5000	HR	90.0000	4,275.0000
0168 - Laborer	21307001	9/14/2022	167.5000	HR	90.0000	15,075.0000
0169 - Welder	21307001	9/14/2022	18.0000	HR	135.0000	2,430.0000
0172 - Truck Driver	21307001	9/14/2022	60.0000	HR	90.0000	5,400.0000
0175 - Unforseen Work-Point Re	21307001	9/14/2022	109,866.1900	JOB	1.0000	109,866.1900
0012 - Combination Vacuum/Clea	21318001	12/13/2021	2.0000	HR	500.0000	1,000.0000
0085 - Set Up 6 Inch Bypass Pu	21318001	12/13/2021	2.0000	EA	2,750.0000	5,500.0000
0097 - Operation of 6 Inch Byp	21318001	12/13/2021	2.0000	MO	27,000.0000	54,000.0000
0148 - 5/8 Cubic Yard Track Ba	21318001	12/13/2021	11.0000	DY	400.0000	4,400.0000
0157 - Small Tools	21318001	12/13/2021	11.0000	DY	100.0000	1,100.0000
0158 - Pick-Up Truck	21318001	12/13/2021	11.0000	DY	250.0000	2,750.0000
0159 - Utility Truck	21318001	12/13/2021	22.0000	DY	350.0000	7,700.0000
0160 - Single Axle Truck	21318001	12/13/2021	5,000.0000	DY	300.0000	150.0000
0161 - Tandem Axle Dump Truck	21318001	12/13/2021	2,500.0000	DY	700.0000	175.0000
0165 - Foreman	21318001	12/13/2021	132.5000	HR	165.0000	21,862.5000
0166 - Operator	21318001	12/13/2021	133.2500	HR	140.0000	18,655.0000
0167 - Pipe Layer	21318001	12/13/2021	133.2500	HR	90.0000	11,992.5000
0168 - Laborer	21318001	12/13/2021	249.2500	HR	90.0000	22,432.5000
0172 - Truck Driver	21318001	12/13/2021	6.0000	HR	90.0000	540.0000
0173 - Electrician	21318001	12/13/2021	90.0000	HR	150.0000	13,500.0000
0175 - Unforseen Work-Point Re	21318001	12/13/2021	33,490.5400	JOB	1.0000	33,490.5400
0012 - Combination Vacuum/Clea	21320001	12/13/2021	12.5000	HR	500.0000	6,250.0000
0088 - Set Up 12 Inch Bypass P	21320001	12/13/2021	1.0000	EA	15,000.0000	15,000.0000
0149 - 1 Cubic Yard Track Back	21320001	12/13/2021	9.7500	DY	500.0000	4,875.0000
0157 - Small Tools	21320001	12/13/2021	9.7500	DY	100.0000	975.0000
0159 - Utility Truck	21320001	12/13/2021	9.7500	DY	350.0000	3,412.5000
0160 - Single Axle Truck	21320001	12/13/2021	7,500.0000	DY	300.0000	225.0000
0165 - Foreman	21320001	12/13/2021	110.0000	HR	165.0000	18,150.0000
0166 - Operator	21320001	12/13/2021	106.5000	HR	140.0000	14,910.0000
0167 - Pipe Layer	21320001	12/13/2021	101.5000	HR	90.0000	9,135.0000
0168 - Laborer	21320001	12/13/2021	110.0000	HR	90.0000	9,900.0000
0172 - Truck Driver	21320001	12/13/2021	7.7500	HR	90.0000	697.5000
0175 - Unforseen Work-Point Re	21320001	12/13/2021	13,738.4000	JOB	1.0000	13,738.4000
0088 - Set Up 12 Inch Bypass P	21339001	1/12/2022	1.0000	EA	15,000.0000	15,000.0000
0149 - 1 Cubic Yard Track Back	21339001	1/12/2022	2.2500	DY	500.0000	1,125.0000
0150 - 2 Cubic Yard Rubber Tir	21339001	1/12/2022	2.5000	DY	700.0000	1,750.0000
0151 - 2 Cubic Yard Track Back	21339001	1/12/2022	1.0000	DY	600.0000	600.0000
0157 - Small Tools	21339001	1/12/2022	8.0000	DY	100.0000	800.0000
0159 - Utility Truck	21339001	1/12/2022	15.2500	DY	350.0000	5,337.5000
0160 - Single Axle Truck	21339001	1/12/2022	4.5000	DY	300.0000	1,350.0000
0164 - Low Boy	21339001	1/12/2022	8.7500	HR	150.0000	1,312.5000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0165 - Foreman	21339001	1/12/2022	87.2500	HR	165.0000	14,396.2500
0166 - Operator	21339001	1/12/2022	92.2500	HR	140.0000	12,915.0000
0167 - Pipe Layer	21339001	1/12/2022	87.2500	HR	90.0000	7,852.5000
0168 - Laborer	21339001	1/12/2022	145.2500	HR	90.0000	13,072.5000
0172 - Truck Driver	21339001	1/12/2022	48.0000	HR	90.0000	4,320.0000
0173 - Electrician	21339001	1/12/2022	46.5000	HR	150.0000	6,975.0000
0175 - Unforseen Work-Point Re	21339001	1/12/2022	48,934.7400	JOB	1.0000	48,934.7400
0085 - Set Up 6 Inch Bypass Pu	21344001	12/31/2021	1.0000	EA	2,750.0000	2,750.0000
0095 - Operation of 6 Inch Byp	21344001	12/31/2021	8.0000	HR	125.0000	1,000.0000
0149 - 1 Cubic Yard Track Back	21344001	12/31/2021	4.0000	DY	500.0000	2,000.0000
0157 - Small Tools	21344001	12/31/2021	4.0000	DY	100.0000	400.0000
0159 - Utility Truck	21344001	12/31/2021	4.0000	DY	350.0000	1,400.0000
0160 - Single Axle Truck	21344001	12/31/2021	1.7500	DY	300.0000	525.0000
0165 - Foreman	21344001	12/31/2021	48.2500	HR	165.0000	7,961.2500
0166 - Operator	21344001	12/31/2021	48.2500	HR	140.0000	6,755.0000
0167 - Pipe Layer	21344001	12/31/2021	48.2500	HR	90.0000	4,342.5000
0168 - Laborer	21344001	12/31/2021	48.2500	HR	90.0000	4,342.5000
0172 - Truck Driver	21344001	12/31/2021	18.7500	HR	90.0000	1,687.5000
0012 - Combination Vacuum/Clea	21381001	3/21/2022	17.0000	HR	500.0000	8,500.0000
0074 - Sewer Manhole/Wetwell R	21381001	3/21/2022	19.0000	BG	350.0000	6,650.0000
0085 - Set Up 6 Inch Bypass Pu	21381001	3/21/2022	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	21381001	3/21/2022	1.0000	WK	9,000.0000	9,000.0000
0097 - Operation of 6 Inch Byp	21381001	3/21/2022	1.0000	MO	27,000.0000	27,000.0000
0147 - Additional Granular Mat	21381001	3/21/2022	114.0000	CUY	150.0000	17,100.0000
0148 - 5/8 Cubic Yard Track Ba	21381001	3/21/2022	11.0000	DY	400.0000	4,400.0000
0149 - 1 Cubic Yard Track Back	21381001	3/21/2022	1.0000	DY	500.0000	500.0000
0151 - 2 Cubic Yard Track Back	21381001	3/21/2022	11.7500	DY	600.0000	7,050.0000
0157 - Small Tools	21381001	3/21/2022	15.5000	DY	100.0000	1,550.0000
0158 - Pick-Up Truck	21381001	3/21/2022	27.5000	DY	250.0000	6,875.0000
0159 - Utility Truck	21381001	3/21/2022	30.2500	DY	350.0000	10,587.5000
0160 - Single Axle Truck	21381001	3/21/2022	2.2500	DY	300.0000	675.0000
0161 - Tandem Axle Dump Truck	21381001	3/21/2022	4.5000	DY	700.0000	3,150.0000
0165 - Foreman	21381001	3/21/2022	162.0000	HR	165.0000	26,730.0000
0166 - Operator	21381001	3/21/2022	162.0000	HR	140.0000	22,680.0000
0167 - Pipe Layer	21381001	3/21/2022	314.0000	HR	90.0000	28,260.0000
0168 - Laborer	21381001	3/21/2022	439.0000	HR	90.0000	39,510.0000
0172 - Truck Driver	21381001	3/21/2022	55.2500	HR	90.0000	4,972.5000
0173 - Electrician	21381001	3/21/2022	88.0000	HR	150.0000	13,200.0000
0175 - Unforseen Work-Point Re	21381001	3/21/2022	212,438.0600	JOB	1.0000	212,438.0600
0148 - 5/8 Cubic Yard Track Ba	22193001	9/15/2022	16.0000	DY	400.0000	6,400.0000
0149 - 1 Cubic Yard Track Back	22193001	9/15/2022	30.0000	DY	500.0000	15,000.0000
0150 - 2 Cubic Yard Rubber Tir	22193001	9/15/2022	2.0000	DY	700.0000	1,400.0000
0151 - 2 Cubic Yard Track Back	22193001	9/15/2022	2.0000	DY	600.0000	1,200.0000
0157 - Small Tools	22193001	9/15/2022	16.0000	DY	100.0000	1,600.0000
0158 - Pick-Up Truck	22193001	9/15/2022	16.0000	DY	250.0000	4,000.0000
0159 - Utility Truck	22193001	9/15/2022	16.0000	DY	350.0000	5,600.0000
0160 - Single Axle Truck	22193001	9/15/2022	1.0000	DY	300.0000	300.0000
0162 - Welding Truck Complete	22193001	9/15/2022	1.0000	DY	500.0000	500.0000
0164 - Low Boy	22193001	9/15/2022	4.5000	HR	150.0000	675.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0165 - Foreman	22193001	9/15/2022	185.0000	HR	165.0000	30,525.0000
0166 - Operator	22193001	9/15/2022	185.0000	HR	140.0000	25,900.0000
0167 - Pipe Layer	22193001	9/15/2022	163.5000	HR	90.0000	14,715.0000
0168 - Laborer	22193001	9/15/2022	181.5000	HR	90.0000	16,335.0000
0169 - Welder	22193001	9/15/2022	12.0000	HR	135.0000	1,620.0000
0172 - Truck Driver	22193001	9/15/2022	14.0000	HR	90.0000	1,260.0000
0175 - Unforeseen Work-Point Re	22193001	9/15/2022	73,097.9100	JOB	1.0000	73,097.9100
0088 - Set Up 12 Inch Bypass P	22207001	9/13/2022	1.0000	EA	15,000.0000	15,000.0000
0104 - Operation of 12 Inch By	22207001	9/13/2022	5.0000	HR	250.0000	1,250.0000
0117 - Site Specific Traffic C	22207001	9/13/2022	1.0000	EA	1,500.0000	1,500.0000
0118 - Traffic Control Device	22207001	9/13/2022	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	22207001	9/13/2022	3.0000	DY	750.0000	2,250.0000
0149 - 1 Cubic Yard Track Back	22207001	9/13/2022	3.0000	DY	500.0000	1,500.0000
0157 - Small Tools	22207001	9/13/2022	3.0000	DY	100.0000	300.0000
0158 - Pick-Up Truck	22207001	9/13/2022	3.0000	DY	250.0000	750.0000
0159 - Utility Truck	22207001	9/13/2022	3.0000	DY	350.0000	1,050.0000
0160 - Single Axle Truck	22207001	9/13/2022	1.0000	DY	300.0000	300.0000
0165 - Foreman	22207001	9/13/2022	31.0000	HR	165.0000	5,115.0000
0166 - Operator	22207001	9/13/2022	31.0000	HR	140.0000	4,340.0000
0167 - Pipe Layer	22207001	9/13/2022	31.0000	HR	90.0000	2,790.0000
0168 - Laborer	22207001	9/13/2022	25.0000	HR	90.0000	2,250.0000
0172 - Truck Driver	22207001	9/13/2022	9.5000	HR	90.0000	855.0000
0175 - Unforeseen Work-Point Re	22207001	9/13/2022	262.5100	JOB	1.0000	262.5100
0012 - Combination Vacuum/Clea	22241001	9/13/2022	23.7500	HR	500.0000	11,875.0000
0150 - 2 Cubic Yard Rubber Tir	22241001	9/13/2022	6.0000	DY	700.0000	4,200.0000
0157 - Small Tools	22241001	9/13/2022	7.0000	DY	100.0000	700.0000
0158 - Pick-Up Truck	22241001	9/13/2022	7.0000	DY	250.0000	1,750.0000
0159 - Utility Truck	22241001	9/13/2022	7.0000	DY	350.0000	2,450.0000
0160 - Single Axle Truck	22241001	9/13/2022	1.2500	DY	300.0000	375.0000
0164 - Low Boy	22241001	9/13/2022	2.5000	HR	150.0000	375.0000
0165 - Foreman	22241001	9/13/2022	72.7500	HR	165.0000	12,003.7500
0166 - Operator	22241001	9/13/2022	80.2500	HR	140.0000	11,235.0000
0168 - Laborer	22241001	9/13/2022	150.5000	HR	90.0000	13,545.0000
0172 - Truck Driver	22241001	9/13/2022	10.7500	HR	90.0000	967.5000
0175 - Unforeseen Work-Point Re	22241001	9/13/2022	7,472.8700	JOB	1.0000	7,472.8700
0001 - Clean 8 Inch or 10 Inch	10303-8	3/31/2022	98.0000	LF	0.2500	24.5000
0007 - Lateral Cleaning From M	10303-8	3/31/2022	1.0000	EA	500.0000	500.0000
0009 - Lateral Inspection From	10303-8	3/31/2022	38.0000	EA	500.0000	19,000.0000
0010 - Setup for Lateral Clean	10303-8	3/31/2022	1.0000	EA	350.0000	350.0000
0011 - Setup for Lateral Inspe	10303-8	3/31/2022	5.0000	EA	350.0000	1,750.0000
0012 - Combination Vacuum/Clea	10303-8	3/31/2022	19.0000	HR	500.0000	9,500.0000
0021 - Video Inspection/Radial	10303-8	3/31/2022	98.0000	LF	5.0000	490.0000
0028 - Insertion of 6.0MM CIPP	10303-8	3/31/2022	1,023.0000	LF	40.0000	40,920.0000
0030 - Insertion of 6.0MM CIPP	10303-8	3/31/2022	22.0000	LF	42.0000	924.0000
0031 - Insertion of 6.0MM CIPP	10303-8	3/31/2022	18.0000	LF	45.0000	810.0000
0043 - Additional 1.5MM Thickn	10303-8	3/31/2022	156.0000	LF	5.0000	780.0000
0055 - Setup for Long Segment	10303-8	3/31/2022	3.0000	EA	3,000.0000	9,000.0000
0056 - Long Segment Lateral	10303-8	3/31/2022	3.0000	EA	2,000.0000	6,000.0000
0058 - Setup for Short Segment	10303-8	3/31/2022	1.0000	EA	500.0000	500.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0059 - Short Segment Lateral C	10303-8	3/31/2022	1.0000	EA	1,750.0000	1,750.0000
0074 - Sewer Manhole/Wetwell R	10303-8	3/31/2022	55.0000	BG	350.0000	19,250.0000
0083 - Remote Cut and Brush Se	10303-8	3/31/2022	18.0000	EA	1.0000	18.0000
0148 - 5/8 Cubic Yard Track Ba	10303-8	3/31/2022	1.0000	DY	400.0000	400.0000
0157 - Small Tools	10303-8	3/31/2022	1.0000	DY	100.0000	100.0000
0158 - Pick-Up Truck	10303-8	3/31/2022	1.0000	DY	250.0000	250.0000
0159 - Utility Truck	10303-8	3/31/2022	1.0000	DY	350.0000	350.0000
0165 - Foreman	10303-8	3/31/2022	7.5000	HR	165.0000	1,237.5000
0166 - Operator	10303-8	3/31/2022	7.5000	HR	140.0000	1,050.0000
0167 - Pipe Layer	10303-8	3/31/2022	7.5000	HR	90.0000	675.0000
0168 - Laborer	10303-8	3/31/2022	7.5000	HR	90.0000	675.0000
19496-03 C5849-CDBG	10326/19496-	4/20/2022	61.9142	BG	350.0000	21,669.9700
0001 - Clean 8 Inch or 10 Inch	19496-001	4/19/2022	9,000.0000	LF	0.2500	2,250.0000
0009 - Lateral Inspection From	19496-001	4/19/2022	78.0000	EA	500.0000	39,000.0000
0010 - Setup for Lateral Clean	19496-001	4/19/2022	23.0000	EA	350.0000	8,050.0000
0011 - Setup for Lateral Inspe	19496-001	4/19/2022	23.0000	EA	350.0000	8,050.0000
0021 - Video Inspection/Radial	19496-001	4/19/2022	9,000.0000	LF	5.0000	45,000.0000
0028 - Insertion of 6.0MM CIPP	19496-001	4/19/2022	4,000.0000	LF	40.0000	160,000.0000
0055 - Setup for Long Segment	19496-001	4/19/2022	12.0000	EA	3,000.0000	36,000.0000
0056 - Long Segment Lateral	19496-001	4/19/2022	46.0000	EA	2,000.0000	92,000.0000
0074 - Sewer Manhole/Wetwell R	19496-001	4/19/2022	27.4457	BG	350.0000	9,605.9950
0083 - Remote Cut and Brush Se	19496-001	4/19/2022	44.0000	EA	1.0000	44.0000
0028 - Insertion of 6.0MM CIPP	19496-002	4/19/2022	1,890.0000	LF	40.0000	75,600.0000
0055 - Setup for Long Segment	19496-002	4/19/2022	1.0000	EA	3,000.0000	3,000.0000
0056 - Long Segment Lateral	19496-002	4/19/2022	9.0000	EA	2,000.0000	18,000.0000
0074 - Sewer Manhole/Wetwell R	19496-002	4/19/2022	9.6400	BG	350.0000	3,374.0000
0083 - Remote Cut and Brush Se	19496-002	4/19/2022	26.0000	EA	1.0000	26.0000
0074 - Sewer Manhole/Wetwell R	2003509R	2/09/2022	1,005.4300	BG	350.0000	351,900.5000
0148 - 5/8 Cubic Yard Track Ba	2003509R	2/09/2022	124.0000	DY	400.0000	49,600.0000
0150 - 2 Cubic Yard Rubber Tir	2003509R	2/09/2022	62.0000	DY	700.0000	43,400.0000
0158 - Pick-Up Truck	2003509R	2/09/2022	80.5000	DY	250.0000	20,125.0000
0159 - Utility Truck	2003509R	2/09/2022	62.0000	DY	350.0000	21,700.0000
0164 - Low Boy	2003509R	2/09/2022	5.0000	HR	150.0000	750.0000
0165 - Foreman	2003509R	2/09/2022	943.5000	HR	165.0000	155,677.5000
0168 - Laborer	2003509R	2/09/2022	1,533.5000	HR	90.0000	138,015.0000
0172 - Truck Driver	2003509R	2/09/2022	5.0000	HR	90.0000	450.0000
0175 - Unforeseen Work-Point Re	2003509R	2/09/2022	7,317.9100	JOB	1.0000	7,317.9100
0158 - Pick-Up Truck	21045001R	5/09/2022	76.0000	DY	250.0000	19,000.0000
0159 - Utility Truck	21045001R	5/09/2022	25.0000	DY	350.0000	8,750.0000
0165 - Foreman	21045001R	5/09/2022	760.0000	HR	165.0000	125,400.0000
0166 - Operator	21045001R	5/09/2022	140.0000	HR	140.0000	19,600.0000
0168 - Laborer	21045001R	5/09/2022	740.0000	HR	90.0000	66,600.0000
0173 - Electrician	21045001R	5/09/2022	650.0000	HR	150.0000	97,500.0000
0175 - Unforeseen Work-Point Re	21045001R	5/09/2022	1,661,384.2500	JOB	1.0000	1,661,384.2500
0012 - Combination Vacuum/Clea	21342001-1	11/30/2021	9.0000	HR	500.0000	4,500.0000
0118 - Traffic Control Device	21342001-1	11/30/2021	1.0000	EA	200.0000	200.0000
0119 - Traffic Control Device	21342001-1	11/30/2021	13.0000	DY	750.0000	9,750.0000
0130 - Restore 6 Inch - 12 Inc	21342001-1	11/30/2021	2.0000	EA	12,500.0000	25,000.0000
0142 - 12 Inch HDPE Horizontal	21342001-1	11/30/2021	945.0000	LF	190.0000	179,550.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0149 - 1 Cubic Yard Track Back	21342001-1	11/30/2021	1.0000	DY	500.0000	500.0000
0157 - Small Tools	21342001-1	11/30/2021	1.0000	DY	100.0000	100.0000
0158 - Pick-Up Truck	21342001-1	11/30/2021	5,000.0000	DY	250.0000	125.0000
0159 - Utility Truck	21342001-1	11/30/2021	2.0000	DY	350.0000	700.0000
0160 - Single Axle Truck	21342001-1	11/30/2021	5,000.0000	DY	300.0000	150.0000
0165 - Foreman	21342001-1	11/30/2021	4.5000	HR	165.0000	742.5000
0166 - Operator	21342001-1	11/30/2021	9.0000	HR	140.0000	1,260.0000
0168 - Laborer	21342001-1	11/30/2021	13.5000	HR	90.0000	1,215.0000
0172 - Truck Driver	21342001-1	11/30/2021	4.0000	HR	90.0000	360.0000
0012 - Combination Vacuum/Clea	22250001-1	11/22/2022	57.0000	HR	500.0000	28,500.0000
0085 - Set Up 6 Inch Bypass Pu	22250001-1	11/22/2022	1.0000	EA	2,750.0000	2,750.0000
0096 - Operation of 6 Inch Byp	22250001-1	11/22/2022	2.0000	WK	9,000.0000	18,000.0000
0148 - 5/8 Cubic Yard Track Ba	22250001-1	11/22/2022	8.2500	DY	400.0000	3,300.0000
0149 - 1 Cubic Yard Track Back	22250001-1	11/22/2022	4.0000	DY	500.0000	2,000.0000
0150 - 2 Cubic Yard Rubber Tir	22250001-1	11/22/2022	8.0000	DY	700.0000	5,600.0000
0157 - Small Tools	22250001-1	11/22/2022	8.2500	DY	100.0000	825.0000
0158 - Pick-Up Truck	22250001-1	11/22/2022	8.2500	DY	250.0000	2,062.5000
0159 - Utility Truck	22250001-1	11/22/2022	8.2500	DY	350.0000	2,887.5000
0160 - Single Axle Truck	22250001-1	11/22/2022	2.5000	DY	300.0000	750.0000
0162 - Welding Truck Complete	22250001-1	11/22/2022	1.2500	DY	500.0000	625.0000
0164 - Low Boy	22250001-1	11/22/2022	2.5000	HR	150.0000	375.0000
0165 - Foreman	22250001-1	11/22/2022	90.2500	HR	165.0000	14,891.2500
0166 - Operator	22250001-1	11/22/2022	90.2500	HR	140.0000	12,635.0000
0168 - Laborer	22250001-1	11/22/2022	158.2500	HR	90.0000	14,242.5000
0169 - Welder	22250001-1	11/22/2022	11.5000	HR	135.0000	1,552.5000
0172 - Truck Driver	22250001-1	11/22/2022	22.7500	HR	90.0000	2,047.5000
0175 - Unforseen Work-Point Re	22250001-1	11/22/2022	83.0200	JOB	1.0000	83.0200
0001 - Clean 8 Inch or 10 Inch	5849-13	8/31/2022	1.0000	LF	0.2500	0.2500
0007 - Lateral Cleaning From M	5849-13	8/31/2022	2.0000	EA	500.0000	1,000.0000
0009 - Lateral Inspection From	5849-13	8/31/2022	2.0000	EA	500.0000	1,000.0000
0010 - Setup for Lateral Clean	5849-13	8/31/2022	2.0000	EA	350.0000	700.0000
0011 - Setup for Lateral Inspe	5849-13	8/31/2022	2.0000	EA	350.0000	700.0000
0028 - Insertion of 6.0MM CIPP	5849-13	8/31/2022	2,844.0000	LF	40.0000	113,760.0000
0055 - Setup for Long Segment	5849-13	8/31/2022	2.0000	EA	3,000.0000	6,000.0000
0056 - Long Segment Lateral	5849-13	8/31/2022	3.0000	EA	2,000.0000	6,000.0000
0074 - Sewer Manhole/Wetwell R	5849-13	8/31/2022	31.0000	BG	350.0000	10,850.0000
0083 - Remote Cut and Brush Se	5849-13	8/31/2022	66.0000	EA	1.0000	66.0000
0012 - Combination Vacuum/Clea	9219-1	4/30/2021	42.0000	HR	500.0000	21,000.0000
0013 - Clean 42 Inch Storm Sew	9219-1	4/30/2021	1,122.0000	LF	18.0000	20,196.0000
0023 - Video Inspection/Radial	9219-1	4/30/2021	1,122.0000	LF	12.0000	13,464.0000
0085 - Set Up 6 Inch Bypass Pu	9219-1	4/30/2021	5,000.0000	EA	2,750.0000	1,375.0000
0096 - Operation of 6 Inch Byp	9219-1	4/30/2021	2.0000	WK	9,000.0000	18,000.0000
0016 - Clean 60 Inch Storm Sew	9306-1	5/31/2021	505.0000	LF	30.0000	15,150.0000
0023 - Video Inspection/Radial	9306-1	5/31/2021	505.0000	LF	12.0000	6,060.0000
0041 - Insertion of 18.0MM CIP	9306-1	5/31/2021	505.0000	EA	200.0000	101,000.0000
0052 - Additional 1.5MM Thickn	9306-1	5/31/2021	4,545.0000	LF	125.0000	568,125.0000
0074 - Sewer Manhole/Wetwell R	9306-1	5/31/2021	320.0000	BG	350.0000	112,000.0000
0078 - Remove and Replace Manh	9306-1	5/31/2021	2.0000	EA	1,500.0000	3,000.0000
0081 - Replace Manhole Cover a	9306-1	5/31/2021	2.0000	EA	3,500.0000	7,000.0000

ITEM DESCRIPTION	INVOICE #	INV DATE	QUANTITY	U/M	COST/UNIT	TOTAL AMOUNT
0113 - Remove and Replace Asph	9306-1	5/31/2021	80.0000	SQYD	180.0000	14,400.0000
0117 - Site Specific Traffic C	9306-1	5/31/2021	2.0000	EA	1,500.0000	3,000.0000
0119 - Traffic Control Device	9306-1	5/31/2021	15.0000	DY	750.0000	11,250.0000
0150 - 2 Cubic Yard Rubber Tir	9306-1	5/31/2021	12.0000	DY	700.0000	8,400.0000
0151 - 2 Cubic Yard Track Back	9306-1	5/31/2021	11.5000	DY	600.0000	6,900.0000
0158 - Pick-Up Truck	9306-1	5/31/2021	11.5000	DY	250.0000	2,875.0000
0159 - Utility Truck	9306-1	5/31/2021	11.5000	DY	350.0000	4,025.0000
0161 - Tandem Axle Dump Truck	9306-1	5/31/2021	3.0000	DY	700.0000	2,100.0000
0164 - Low Boy	9306-1	5/31/2021	4.0000	HR	150.0000	600.0000
0165 - Foreman	9306-1	5/31/2021	124.5000	HR	165.0000	20,542.5000
0166 - Operator	9306-1	5/31/2021	124.5000	HR	140.0000	17,430.0000
0167 - Pipe Layer	9306-1	5/31/2021	115.5000	HR	90.0000	10,395.0000
0168 - Laborer	9306-1	5/31/2021	250.2500	HR	90.0000	22,522.5000
0172 - Truck Driver	9306-1	5/31/2021	54.7500	HR	90.0000	4,927.5000
0112 - Remove and Replace PCC	9368/9467	7/31/2021	111.2500	SQYD	80.0000	8,900.0000
0114 - Remove and Replace Conc	9368/9467	7/31/2021	10.6700	SQYD	30.0000	320.1000
0116 - Remove and Replace Conc	9368/9467	7/31/2021	77.0000	LF	100.0000	7,700.0000
0119 - Traffic Control Device	9368/9467	7/31/2021	7.0000	DY	750.0000	5,250.0000
0140 - 8 Inch HDPE Horizontal	9368/9467	7/31/2021	506.0000	LF	150.0000	75,900.0000
0010 - 0074 - Sewer Manhole/We	9727/9859	10/31/2021	16.0000	BG	350.0000	5,600.0000
0020 - 0076 - Manhole Cover Ad	9727/9859	10/31/2021	1.0000	EA	1,500.0000	1,500.0000
0030 - 0112 - Remove and Repla	9727/9859	10/31/2021	30.3000	SQYD	80.0000	2,424.0000
0040 - 0114 - Remove and Repla	9727/9859	10/31/2021	11.1000	SQYD	30.0000	333.0000
0050 - 0116 - Remove and Repla	9727/9859	10/31/2021	17.0000	LF	100.0000	1,700.0000
						30,892,394.2575

ATTACHMENT E

HISTORY OF CONTRACTS WITH BLD

Contract#	Contract Description	Start Date	End Date	Type	Dept	Contract Amt	Posted Exp	Cycle
55-00019496	SANITARY & STORM SEWERS PREVEN	2/22/2021	2/21/2023	SERV	SEWER	\$ 33,000,000.00	\$ 30,892,394.26	Current
55-00019657	EMERGENCY SEWER RECONSTRUCTION	6/01/2021	12/31/2022	EMER	SEWER	\$ 35,000,000.00	\$ 33,791,137.87	Current
55-00019665	SEWER LIFT RESTORATION REPAIR	6/01/2021	12/31/2022	EMER	SEWER	\$ 5,000,000.00	\$ 1,442,567.50	Current
55-00020006	REPLACEMENT OF D3-8 LIFT STATI	12/20/2021	11/15/2022	LBMT	SEWER	\$ 895,282.79	\$ 895,282.79	Current
55-00020025	CAUSEWAY BLVD & SCOTT STREET S	1/20/2022	9/19/2022	LBMT	SEWER	\$ 564,040.29	\$ 564,040.29	Current
55-00020724	EMERGENCY DRAIN LINE CLEANING	12/13/2022	12/12/2024	EMER	DRAIN	\$ 200,000.00	\$ -	Current
55-00020735	MELROSE & UPSTREAM LIFT STATIO	11/07/2022	8/04/2023	LBMT	SEWER	\$ 858,985.00	\$ -	Current
55-00018462	SANITARY & STORM SEWERS PREVEN	8/22/2019	8/21/2021	SERV	SEWER	\$ 22,000,000.00	\$ 21,999,868.00	Prior - 1
55-00018512	REHABILITATE CLARIFIERS AT MAR	9/16/2019	1/22/2021	LBMT	SEWER	\$ 3,799,701.01	\$ 3,799,701.01	Prior - 1
55-00018926	SEWER LIFT RESTORATION REPAIR	6/01/2020	5/31/2021	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 1
55-00018991	EMERGENCY SEWER RECONSTRUCTION	6/01/2020	5/31/2021	EMER	SEWER	\$ 9,020,000.00	\$ 8,228,613.57	Prior - 1
55-00019140	MISSISSIPPI AVE & 21ST STREET	6/01/2020	4/28/2021	LBMT	CAP PROJ	\$ 998,169.88	\$ 998,169.88	Prior - 1
55-00017235	SANITARY & STORM SEWERS PREVEN	2/09/2018	2/08/2020	SERV	SEWER	\$ 25,300,000.00	\$ 25,299,998.99	Prior - 2
55-00017502	EMERGENCY SEWER RECONSTRUCTION	6/01/2018	5/31/2019	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 2
55-00017626	SEWER LIFT RESTORATION REPAIR	7/17/2018	5/31/2019	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 2
55-00017956	13TH & FARRINGTON SEWER LIFT S	1/14/2019	9/11/2019	CONS	SEWER	\$ 1,354,590.79	\$ 1,354,590.79	Prior - 2
55-00018328	EMERGENCY SEWER RECONSTRUCTION	6/01/2019	5/31/2020	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 2
55-00018330	SEWER LIFT RESTORATION REPAIR	6/01/2019	5/31/2020	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 2
55-00018425	KENNEDY HEIGHTS SEWER LIFT STA	8/19/2019	6/15/2020	LBMT	SEWER	\$ 933,500.00	\$ 933,500.00	Prior - 2
55-00015557	SANITARY & STORM SEWERS PREVEN	1/27/2016	1/26/2018	MTSU	SEWER	\$ 15,180,000.00	\$ 13,894,792.79	Prior - 3
55-00015769	SEWER LIFT RESTORATION EMERGEN	6/01/2016	5/31/2017	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 3
55-00015770	EMERGENCY SEWER RECONSTRUCTION	6/01/2016	5/31/2017	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 3
55-00015886	INSTALL NEW FORCE MAIN MIDWAY	7/05/2016	11/17/2016	LBMT	SEWER	\$ 573,917.65	\$ 573,917.65	Prior - 3
55-00015892	SEWER LIFT STATION L-11-4	7/11/2016	3/08/2017	LBMT	SEWER	\$ 462,791.29	\$ 463,791.29	Prior - 3
55-00016524	SEWER LIFT RESTORATION REPAIR	6/01/2017	5/31/2018	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 3
55-00016541	EMERGENCY SEWER RECONSTRUCTION	6/01/2017	5/31/2018	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 3
55-00016743	FORCE MAIN GRUNER-LOUMOR	7/31/2017	5/25/2018	LBMT	CAP PROJ	\$ 2,395,904.05	\$ 2,395,904.05	Prior - 3
55-00013945	SANITARY & STORM SEWERS PREVEN	11/07/2013	11/06/2015	MTSU	SEWER	\$ 9,570,000.00	\$ 8,721,329.06	Prior - 4
55-00014266	EMERGENCY SEWER RECONSTRUCTION	6/01/2014	5/31/2015	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 4
55-00014268	EMERGENCY SEWER RESOTRATION	6/01/2014	5/31/2015	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 4
55-00014645	PURCHASE OF PROPERTY FOR PARK	12/01/2014	12/31/2014	MULV	PARISH	\$ 200,000.00	\$ 198,113.72	Prior - 4
55-00014837	ODOR CONTROL UNITS	3/23/2015	9/19/2015	CONS	SEWER	\$ 471,610.00	\$ 461,610.00	Prior - 4
55-00014912	ELISE AVENUE DRAINAGE PUMP STA	5/04/2015	3/29/2016	CONS	CAP PROJ	\$ 3,496,038.00	\$ 3,496,038.00	Prior - 4
55-00014953	Tolmas Tract Force Main	3/30/2015	8/27/2015	CONS	SEWER	\$ 791,100.40	\$ 791,100.40	Prior - 4
55-00014962	SEWER LIFT RESTORATION EMERGEN	6/01/2015	5/31/2016	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 4
55-00014963	EMERGENCY SEWER RECONSTRUCTION	6/01/2015	5/31/2016	EMER	SEWER	\$ 5,000,000.00	\$ -	Prior - 4
55-00015074	COOPER/WILBUR DRIVE SEWER LIFT	7/13/2015	2/27/2016	CONS	CAP PROJ	\$ 677,305.90	\$ 677,305.90	Prior - 4
55-00015083	LEACHATE COLLECTION SYSTEM REH	6/22/2015	12/17/2018	CONS	ENVIRON	\$ 1,842,806.00	\$ 1,813,616.55	Prior - 4
55-00015100	REDIRECTING FLOW LIFT STATION	7/13/2015	7/06/2016	CONS	SEWER	\$ 1,196,505.25	\$ 1,196,505.25	Prior - 4
55-00015248	KAWANEE & OLYMPIC - LIFT STATI	9/17/2015	6/22/2016	CONS	SEWER	\$ 2,093,460.00	\$ 2,093,460.00	Prior - 4

ATTACHMENT F

Parish Payment Processing Requirements - Overview

Items for payment shall be sent to the Accounting Department for review and processing. Payables are set up for payment on Monday's and Wednesday's of each week. Payments are available on Tuesday's and Thursday's via check or direct deposit. Adequate lead time must be considered when submitting an item for payment. That is, if an item is received by the Accounting Department on Monday then it will likely not be available as a payment on Tuesday. The items must generally be accompanied by a Receipt Post Listing which includes the Purchase Order Number; Contract Number, when applicable; Account Number; Project Number, when applicable, Invoice, and any other relevant supporting documentation. Specific expenditure types are listed below, and specific documentation requirements are shown in the attached Payment Processing – Required Documentation Table.

Purchases of \$5,000 or less may be processed by Department Purchase Order provided guidelines, instructions and prohibitions in the Purchasing Manual are followed. Refer to Ref# 1 of the Payment Processing Table for documentation requirements.

All items over \$5,000 need to be competitively bid with the following exceptions which were taken from the [Purchasing Procurement Overview](#): Cooperative Purchasing (Piggy Back), State Contracts, Requests for Proposals, Statement of Qualifications, Sole Source Procurement and Emergency Purchases.

More information on the [Uniform Purchasing Procedures](#) can be found in the [Parish Code of Ordinances](#) and in the Parish [Purchasing Manual](#). Both documents can be found on the Parish Intranet. Additionally, the Parish Attorney's office has a [Guide to Processing Bid Contracts](#) on the Intranet.

All Invoices of \$30,000 or more (excluding utility payments) must include the Department Director's Signature approving the payment.

Items under contract may be processed by Contract Purchase Orders (CPO), and State Contract Purchase Orders (SPO). Additional documentation is required for various different contract types such as: Construction Projects and/or Public Works, Professional Services, Release of Retainage, Services provided under a Cooperative Endeavor Agreement (CEA) or Intergovernmental Agreement (IGA), Sub-recipient Agreements, and Multi-Vendor Contracts. Refer to Ref# 3 through 10 of the Payment Processing Table for documentation requirements.

Specific Policies & Procedures are in place for the following: Travel & Training Expenditures, Mileage Reimbursements, Petty Cash, and Postage. Such policies can be found on the Intranet. See Ref# 11 through 15 of the Payment Processing Table for documentation requirements.

Other Expenditures not listed above can be found under Ref# 16 through 20 of the Payment Processing Table

Jefferson Parish has many different scenarios that would necessitate payment processing. All possible scenarios cannot be referenced here. If you have any questions as to payment documentation required then feel free to contact the Accounting Department.

Effective 05/14/2021

PAYMENT PROCESSING TABLE - REQUIRED DOCUMENTATION																									
			Documentation needed for approval and payment																						
Ref#	\$ Threshold or Type of Expenditure/Contract	Processing Method / PO Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	
\$ Threshold																									
1	\$0.01 to \$5,000.00	Department Purchase Order (DEPO)	A	B		D	E	F																	
2	\$5,000.01 and Greater	Standard Purchase Order (PO)	A	B		D	E	F																	
Contract Types:																									
3	Construction Projects and/or Public Works (CONS, LBMT w/retainage)	Contract Purchase Order (CPO)	A	B	C	D	E	F					K							Q					
4	Professional Services (AREN, LEGL, PROF)	Contract Purchase Order (CPO)	A	B	C	D	E	F				J									R				
5	Release of Retainage (CONS or LBMT)	Contract Purchase Order (CPO)			C	D	E	F		H					L	M									
6	Services provided under CEA or IGA (CEA)	Contract Purchase Order (CPO)	A	B	C	D	E	F												Q or R					
7	State Contract Purchases (SPO)	State Contract Purchase Order (SPO)	A	B	C	D	E	F																	
8	Sub-recipient Agreement (SUBA)	Contract Purchase Order (CPO)	A	B	C	D	E	F				I								Q or R			T		
9	Multi-Vendor Contract (MULV)	Contract Purchase Order (CPO)	Requirements vary typically the same as #3 or #4; call for guidance																						
10	All Other Contract Types	Contract Purchase Order (CPO)	A	B	C	D	E	F																	
Items under Specific Policy																									
11	Travel and Training expenditures: post travel/training	DE - Travel and Training Expense Voucher	A			D		F												P					
12	Travel and Training expenditures: pre-travel/training	DE - Request for Travel and Training Authorization				D														O					
13	Mileage Reimbursement	Mileage Reimbursement Form - not via AS400				D	E	F																	
14	Petty Cash	Petty Cash Voucher - not via AS400				D	E	F																	
15	Postage	Direct Expenditure (DE)	A			D	E	F	G											O					
Other Expenditures																									
16	Capital Acquisitions	Purchase Order (PO)	A	B	C	D	E	F																	
17	Emergency Purchases	Emergency Purchase Order (EPO)	A	B	C	D	E	F																	
18	Grant	Any method previously listed, as applicable															N			Q or R				T	
19	Utility bills (electricity, gas)	Express pay send directly to Accounts Payable				D		F																	
20	All Other - not previously listed	Direct Expenditure (DE)	A			D	E	F														S			

Documentation References:	
A - Receipt Post Listing	L - Clear Lien & Privilege Certificate
B - Purchase Order Number	M - Council Resolution accepting project as complete *
C - Contract Number	N - Documentation as required by Processing Method
D - Account Number	O - Quotes
E - Project Number, if applicable	P - Authorized Request for Travel and Training
F - Invoice / Receipts	Q - Certificate of Payment and Statement of Account Services
G - Postage Request Form	R - Request for Payment of Professional Services
H - If Sales Tax Exempt- Sales Tax Exemption Reporting Form	S - Direct Expenditure Form
I - Documentation as required by contract payment terms &	T - Council Resolution authorizing agreement or expenditure **
J - Acknowledgement of No Additional Subcontractors @	U - Council Resolution authorizing agreement or expenditure **
K - Affidavit After First Application for Payment %	

@ Required along with Statement of Qualifications Affidavit (and attachments). Not required if user the affidavit dated 2.8.2012 that includes the subcontractor language at the bottom.

% Not required if using the G702 document which includes the verbiage above where the contractor signs

* Not required for owner-occupied housing rehab projects (Community Development)

& Documentation typically includes: payroll registers, timesheets, receipts, cancelled checks, bank statements, etc.

** Required for Emergency Purchases over \$30,000

Effective 5/14/21

ATTACHMENT G

EXAMPLES OF ITEMS BILLED AS "UNFORESEEN"



P.O. Box 217
10363 Airline Highway
St. Rose, LA 70087
504-468-1113
choicesupply@att.net

Invoice 42837

Date 7/2/2021

Terms Net 30

Ship 6/1/2021

Via Our Truck

Bill To

BLD
2424 Tyler St.
Kenner, LA 70062

Ship To

Houma
&
W Esplanade

21101

P.O. Number

19225

JOB Name

Zach

Quantity	Description	Price Each	Amount
1	6" x 10' 0" Flg. x Flg. Spool P-401	1,045.00	1,045.00T
2	6" x 20' 0" Flg. x Flg. Spool P-401	1,900.00	3,800.00T
1	4" DD Flg. Gate Valve w/ Oper Nut	1,110.00	1,110.00T
4	6" DD Flg. Gate Valve	1,480.00	5,920.00T
2	6" Flg. Check Valve w/ W&L	2,505.00	5,010.00T
3	6" Flg. 90 P-401	550.00	1,650.00T
3	6" M.J. Sleeve w/ Mega & Teflon P-401	585.00	1,755.00T
2	6" Flg. Tee P-401	700.00	1,400.00T
3	6" M.J. 45 Bend w/ Mega & Teflon P-401	555.00	1,665.00T
2	6" M.J. x Flg. Adapter w/ Mega & Teflon P-401	465.00	930.00T
2	4" M.J. x Flg. Adapter w/ Mega & Teflon P-401	330.00	660.00T
2	6" x 4" Ecc Flg. Reducer P-401	490.00	980.00T
4	4" S.S. Flg. Set	30.00	120.00T
20	6" S.S. Flg. Sets	45.00	900.00T
8	3/4" x 3 1/2" S.S. Studs w/ D Nuts	5.65	45.20T
QUANTITIES APPROVED			
JOB #: 21101			
SIGNED: _____			

Subtotal \$26,990.20

SALES TAX (5.12%) \$1,383.09

Thank you for your business.

Total ~~\$29,473.29~~
\$26,990.20



P.O. Box 217
10363 Airline Highway
St. Rose, LA 70087
504-468-1113
choicesupply@att.net

Invoice 43443

Date 7/13/2021

Terms Net 30

Ship 7/12/2021

Via Our Truck

P.O. Number

19225

JOB Name

Zach

Bill To

BLD
2424 Tyler St.
Kenner, LA 70062

Ship To

Houma
& W Esplanade
21101

Quantity	Description	Price Each	Amount
70	10" SDR-26 Heavy Wall Pipe	16.40	1,148.00T
20	14" C-900 PVC Pipe	49.25	985.00T
1	6" M.J. x Flg. 90 Bend w/ Mega & Teflon P-401	545.00	545.00T
1	6" EPO	175.00	175.00T
1	6" S.S. Flg. Sets	45.00	45.00T
60	WL-400 S.S. Link Seal	19.85	1,191.00T
<p>QUANTITIES APPROVED</p> <p>JOB #. <u>21101</u></p> <p>SIGNED: <u>[Signature]</u> JUL 20 2021</p>			

Subtotal \$4,089.00

~~SALES TAX (9.2%) XXXXXXXXXX~~

Thank you for your business.

Total \$4,165.19
\$4,089.00



P.O. Box 217
10363 Airline Highway
St. Rose, LA 70087
504-468-1113
choicesupply@att.net

Invoice 43464

Date 7/16/2021

Terms Net 30

Ship 7/13/2021

Via Direct

P.O. Number

19225

JOB Name

PG/Zach

Bill To

BLD
2424 Tyler St.
Kenner, LA 70062

Ship To

Houma
&
W Esplanade

Quantity	Description	Price Each	Amount
3	6' 6" x 6' 6" x 9" Manhole Slabs	1,200.00	3,600.00
<p>QUANTITIES APPROVED</p> <p>JOB #: <u>21101</u></p> <p>SIGNED: <u>[Signature]</u> JUL 20 2021</p> <p>Zach Received order & ok'd</p>			

Subtotal \$3,600.00

~~Sales Tax (2.0%) XXXXX~~

Thank you for your business.

Total ~~\$3,981.20~~
\$3,600.00



P.O. Box 217
10363 Airline Highway
St. Rose, LA 70087
504-468-1113
choicesupply@att.net

Invoice 43908

Date 8/16/2021

Terms Net 30

Ship 8/11/2021

Via Our Truck

P.O. Number

21010

JOB Name

Zach


Bill To

BLD
2424 Tyler St.
Kenner, LA 70062

Ship To

Houma
& W Esplanade

21101

Quantity	Description	Price Each	Amount
1	Gallon Pipe Lube	17.50	17.50T
1	V-1501 w/ Drain Lid	485.00	485.00T
3	24" x 24" x 24" Pre Fab Catch Basins	705.00	2,115.00T
1	24" x 24" x 30" Pre Fab Catch Basins	760.00	760.00T
252	12" SDR-26 H.W. Pipe	25.25	6,363.00T
QUANTITIES APPROVED			
JOB #. 21101			
AUG 23 2021			
SIGNED: 			

Subtotal \$9,740.50

~~Sales Tax (9.12%) 465.12~~

Total ~~\$10,696.62~~
\$9,740.50

Thank you for your business.

P.O. BOX 10608
NEW ORLEANS, LA 70181-0608

INVOICE

TEL: 504-733-1330
FAX: 504-736-9348



FLUID PROCESS
& PUMPS, LLC

PAGE 1

SOLD TO: BLD SERVICES, LLC
2424 TYLER STREET

SHIP TO: BLD SERVICES, LLC
2424 TYLER STREET

KENNER

LA 70062

KENNER

LA 70062

CUST. NO	YOUR PURCHASE ORDER	OUR ORDER NO.	SHIP DATE	INVOICE NO.	INVOICE DATE	TERMS	
2342	21101 <i>21101</i>	21-22698	5/05/21	0070811	5/06/21	NET 30 DAYS	
SHIPPED VIA		SALESMAN					
MOTOR FREIGHT		5	LA 4.45% / JEFFERSON 4.75%				
QUANTITY	STOPPED	NO	ITEM NUMBER	DESCRIPTION	#	UNIT PRICE	AMOUNT
1			NS-01	HYDROMATIC SUB. PUMP STATION INCLUDING: 2- HYDROMATIC 4", 7.5HP, 1150 RPM PUMPS W/50' CORDS. PUMP MODEL NO. S4LXP750EB S/N: 10692401 & 10692402 2- 4" PUMP BASE ELBOWS 2- 4" PUMP SEAL FLANGES 4- 2" X 20' 316 SS PUMP GUIDE RAILS & GUIDERAIL BRACKETS 2- SS PUMP LIFT CABLES WITH SCREW PIN SHACKLES 1- H-20 OFF-STREET ALUM. WW HATCH W/SAFETY GRATE 1- H-20 OFF-STREET ALUM. VB HATCH W/SAFETY GRATE 1- TESCO SS VFD FREE-STANDING PUMP PANEL W/METER SOCKET, XFR SWITCH, CELLULAR SCADA, AIR BELLS & MISC. TAG: HOUMA & W ESPLANADE (F8-3)	EA	152830.00	152830.00
QUANTITIES APPROVED							
JOB #: <i>21101</i>							
SIGNED: <i>[Signature]</i> MAY 11 2021							
Ok to pay Paul G.							
WE DO NOT ACCEPT ACH/WIRE PAYMENTS							
1 1/2 % LATE CHARGE ON UNPAID BALANCES			STATE TAX	LOCAL TAX	PLEASE PAY THIS AMOUNT		\$152,830.00
			XXXXXXXXXXXXXXXXXXXX		→		XXXXXXXXXXXXXXXXXXXX

NUCOR®**SKYLINE****Invoice****Reference**

Invoice	457856	(USD)
Date	05/10/2021	
Customer ID	LA5LD1	

Issued from:
Skyline Steel - Louisiana
636 Lafitte Street
Suite A
Mandeville, LA 70448

☎ (985) 624-3620
☎ (985) 624-3623

Remit-To

Skyline Steel, LLC
24771 Network Place
Chicago, IL 60673-1247

Invoice To:
BLD SERVICES, LLC
ATTENTION: ACCOUNTS PAYABLE
2424 TYLER STREET
KENNER, LA 70062

General Remarks**INSTRUCTIONS FOR WIRES & OVERNIGHT:****Wire Transfers & ACH:**

Skyline Steel LLC, Account # 826 077 992, ABA Routing: 021000021
SWIFT: CHASUS33, JPMorgan Chase Bank N.A.
One Chase Manhattan Plaza, New York, NY 10005

Overnight:

JPMorgan Chase, 131 S. Dearborn, 6th Floor, Chicago, IL 60603
Attn: Skyline Steel, LLC, Box 24771, (312)-336-2744

Ship-To BLD SERVICES, LLC, PROJ: Kenner, 2424 TYLER STREET, KENNER, LA 70062

Our Order 283811 Your PO 21101001DMA (04/27/2021) Trade Terms Prepaid&Add-CPT (Incoterms 2020) Named Destination

Packing List 283888-1 On 05/04/2021 From ARM By Common Carrier

Item	Description	PCS	LBS	Price	Amount
1-1	PZ Double Hot Rolled SSP ASTM A572 Gr. 50 Bare PZZ7 x 45'	16 PCS	56,320 LBS	104.00/CWT	60,652.80

Q-41008

STOCK SUBJECT TO PRIOR SALE AND SUBJECT TO PRICE INCREASE

Packing List 283889-1 On 05/04/2021 From ARM By Common Carrier

Item	Description	PCS	LBS	Price	Amount
1-1	PZ Double Corner Pile ASTM A572 Gr. 50 Bare PZZ7 x 45'	4 PCS	14,680 LBS	104.00/CWT	15,163.20

Q-41008

STOCK SUBJECT TO PRIOR SALE AND SUBJECT TO PRICE INCREASE

Fabrication for PZD27 Corners 90 degrees	4	50.00/FT	9,000.00
---	---	----------	----------

Total Weight: 72,900.00 lb

Header Charges	Freight	Amount
		8,300.00

Totals	72,900 LBS	Amount
		91,116.00

Mthd Pmt Check

Payment Due On 06/10/2021

LOUISIANA XX	91,116.00
XX	4,328.76
XX	95,444.76
Total Due (USD)	91,116.00

Inside Frank Oddo
Outside David Cambre
Taken-by Slp Nicole Lanno

☎ (985) 624-3620

☎ (985) 624-3623



2424 Tyler Street
Kenner, LA 70062

Invoice

Date 04/22/21
Invoice # 9141

BILL TO:

Jefferson Parish Dept of Sewerage
1221 Elmwood Park Blvd. Suite 803
Jefferson, LA 70123
Attn: Mike Lockwood

Jefferson Parish 5849 - Wayne & Angela /
Church & Glen Della
Project
Job# 21032

Item #	Description	Quantity	Unit Price (LS)	Amount
12	Combination Vacuum / Cleaning Truck	26.25	\$500.00	\$13,125.00
73	Chemical grout to fill voids and stop leaks in structures	8.00	\$10.00	\$80.00
74	Sewer manhole or wetwell rehab by cementitious lining method	138.0	\$350.00	\$48,300.00
85	Set up 6 inch bypass pump	2	\$2,750.00	\$5,500.00
96	Operation of 6 inch bypass pump	3	\$9,000.00	\$27,000.00
97	Operation of 6 inch bypass pump	1	\$27,000.00	\$27,000.00
114	Remove and Replace concrete driveways (4 inch thick)	16.88	\$30.00	\$506.40
115	Remove and Replace concrete driveways (6 inch thick)	12.88	\$30.00	\$386.40
148	5/8 cu yd track backhoe	8.0	\$400.00	\$3,200.00
149	1 cu yd track backhoe	18.5	\$500.00	\$9,250.00
157	Small tools	23	\$100.00	\$2,300.00
158	Pick-up truck	0.25	\$250.00	\$62.50
159	Utility truck	51	\$350.00	\$17,850.00
160	Single axle truck	3.25	\$300.00	\$975.00
162	Welding truck complete with 200A welder and torch set	1.00	\$500.00	\$500.00
165	Foreman	373.00	\$165.00	\$61,545.00
166	Operator	152.00	\$140.00	\$21,280.00
167	Pipe Layer	237.00	\$90.00	\$21,330.00
168	Laborer	267	\$90.00	\$24,007.50
169	Welder	8.00	\$135.00	\$1,080.00
172	Truck Driver	73.25	\$90.00	\$6,592.50
173	Electrician	229	\$150.00	\$34,350.00
175	Unforeseen work	363283.13	\$1.00	\$363,283.13
SUBTOTAL				\$689,503.43
Less 5% Retainage				\$34,475.17
GRAND TOTAL				\$655,028.26
PAYABLE UPON RECEIPT				\$400,000.00
BALANCE DUE NET 30 DAYS				\$255,028.26

To: Ariane J. Morgan <AJMorgan@jeffparish.net>; Patrick Haughey <PHaughey@jeffparish.net>

Cc: Sid Trouard <STrouard@jeffparish.net>

Subject: FY 2020 BLD invoice

Sid spoke to Madison about the invoice and clarified that the contractor's total invoice for the work is \$689,503.43, but the payment request sent to accounting this week is only for paying \$400 k of the invoice using CDBG funds. A separate payment request for \$289,503.43 using Sewerage funds will be submitted. Any payment of sales taxes would be addressed with sewerage funds under the separate invoice. Payment of any sales taxes don't apply to the \$400 k CDBG pay request. Sid also advised that payment would have to be made by April 30 in order to ensure CDBG timeliness requirements are met.

P.O. BOX 10608
NEW ORLEANS, LA 70181-0608

INVOICE

TEL: 504-733-1330
FAX: 504-736-9348



FLUID PROCESS
& PUMPS, LLC

PAGE 1

SOLD TO: BLD SERVICES, LLC
2424 TYLER STREET

SHIP TO: BLD SERVICES, LLC
CUSTOMER PICK-UP

KENNER

LA 70062

70123

CUST. NO.	YOUR PURCHASE ORDER	OUR ORDER NO.	SHIP DATE	INVOICE NO.	INVOICE DATE	TERMS	
2342	V3L-DAN	20-22440	3/12/21	0070807	3/29/21	NET 30 DAYS	
SHIPPED VIA		SALESMAN					
PICK UP		5		LA 4.45%/JEFFERSON 4.75%			
QUANTITY	SHIP	NO	ITEM NUMBER	DESCRIPTION	#	UNIT PRICE	AMOUNT
2			NS-01	HYDROMATIC SD4L100CM3-6. 10HP. 4" VERTICAL DRY-PIT SOLIDS HANDLING PUMPS, W/TESCO FREE STANDING (ATL) SS PUMP CONTROL PANEL S/N: 10686791 & 10686792 TAG: WAYNE & ANGELA P.S.I-10-4	EA	70895.00	141790.00
2			NS-01	HYDROMATIC SD4L150CM3-6. 15HP. 4" VERTICAL DRY PIT SOLIDS HANDLING PUMPS W/TESCO FREE STANDING (VFD) SS PUMP CONTROL PANEL S/N: 10686793 & 10686794 TAG: CHURCH & GLENDELLA P.S. E-10-3	EA	78815.00	157630.00
1			NS-01	FREIGHT ALLOWED	EA	.00	.00
<p>QUANTITIES APPROVED</p> <p>JOB #: <u>21032</u></p> <p>SIGNED: <u>[Signature]</u> APR 01 2021</p> <p>WE DO NOT ACCEPT ACH/WIRE PAYMENTS</p>							
1 1/2 % LATE CHARGE ON UNPAID BALANCES		STATE TAX		LOCAL TAX	PLEASE PAY THIS AMOUNT		
		13324.19		14222.45	→		\$ 326,965.64

CHURCH → \$172,131.97
Wayne → \$154,834.67

ETEC SERVICES, INC.
 7731 OFFICE PARK BOULEVARD
 BATON ROUGE, LA 70809
 225.295.1200 FAX 225.295.1800

INVOICE

INVOICE NUMBER
 1050

INVOICE DATE
 Nov 12, 2021

SOLD TO:
 BLD Services, LLC
 2424 Tyler Street
 Kenner, LA 70062

SHIP TO
 Brent Albert
 Harvey WWTP
 2343 Pallet Street
 Harvey, LA 70058
 USA

CUSTOMER ID	CUSTOMER PO	F.O.B. POINT	
BLD	2104500/DMA		
ETEC S.O. No.	PAYMENT TERMS	SHIP DATE	SHIP VIA
2021-2104	NET 30 DAYS		

QTY SHIPPED	PART NO.	DESCRIPTION	UNIT PRICE	EXTENSION
1	ESI-PROFSVCS-2	Professional Services Rendered to Assist with Tracking of Submittals, Deliveries and Scheduling of Start-up	460,118.00	460,118.00
	21045	21045		
	<i>[Signature]</i>	O.K. to Pay <i>DMA</i> 12/22/21		

WE NOW ACCEPT CREDIT CARDS!
Additional Fees Apply

SUBTOTAL: 460,118.00
 SALES TAX: 0.00
 SHIPPING/HANDLING: 0.00
 TOTAL INVOICE: \$ 460,118.00

BALANCE PAID 12/31/21 \$ 310,118.00
 BALANCE 12/22/21 \$ 150,000.00
 BALANCE \$ 310,118.00 DMA

ATTACHMENT H

GENERAL LEDGER ACCOUNTS USED TO RECORD CONTRACT #55-19496 EXPENDITURES

BLD CONTRACT 55-19496

DEPT. OF SEWERAGE ACCOUNT NUMBERS USED	
44940-4023-7454(49404.001)	SEWER REHAB PRO. LINING ACCT
44220-4100-7454(42213.308)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.304)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.229)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.207)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.326)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.309)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.410)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.209)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.114)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.111)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.522)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.106)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.401)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.408)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.204)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.406)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.519)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.523)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.509)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.112)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.321)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.508)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.409)	SEWER CAPITAL PRO. BOND ACCT
44220-4100-7454(42213.110)	SEWER CAPITAL PRO. BOND ACCT

OTHER PARISH DEPARTMENTS ACCOUNT NUMBERS USED	DEPARTMENT
44200-4002-7433.8(42061.001)	PUB WORKS DRAIN LINES
45210-4037-7454(52110.001)	DRAINAGE
45230-4039-7454(52356.097)	DRAINAGE
45230-4039-7454(52356.090)	DRAINAGE
45230-4039-7454(52356.125)	DRAINAGE
45230-4039-7454(52356.128)	DRAINAGE
45230-4039-7454(52356.121)	DRAINAGE
45230-4039-7454(52356.131)	DRAINAGE
45230-4039-7690(52398.001)	DRAINAGE
21280-1173-139-7454(82131.001)	COMMUNITY DEV.
21280-1173-139-7454(82031.001)	COMMUNITY DEV.
21280-1173-139-7454(82006.001)	STREETS
22200-3000-7433.8	STREETS
44220-4100-7699.9(42211.030)	STREETS
44690-4087-7454(46919.005)	RECREATION

The Department of Sewerage provided account numbers on January 13, 2023. They may reflect a partial listing of accounts used since they were provided before the end of the contract. The account numbers were unaudited by the Department of Internal Audit and are provided as examples.

ATTACHMENT I

WORK ORDER EXAMPLES

JEFFERSON PARISH WORK MANAGEMENT SYSTEM

SEWERAGE DEPARTMENT

WORKORDER HISTORY

WO21-44726

Department	Status	Date Issued	Date Started	Date Completed
IRS	CLOSED	11/30/21	11/30/21	11/30/21

Location

4901 JEFFERSON HWY
METAIRIE - Council District 5

Work Performed

Work Id	Work Description	Assignment
INV	INVESTIGATE	IN-HOUSE
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT
ITCL	ISSUED TO CONTRACTOR LINING	CONTRACT

WORKORDER TOTAL

\$0.00

SERVICE REQUEST NO.

SR21-81792

JEFFERSON PARISH WORK MANAGEMENT SYSTEM
SEWERAGE DEPARTMENT

WORKORDER HISTORY

WO22-1283

Department	Status	Date Issued	Date Started	Date Completed
SEWERAGE	CLOSED	01/10/22	01/10/22	01/10/22

Location

N SIBLEY ST at BOONE ST
METAIRIE - Council District 4

Work Performed

Work Id	Work Description	Assignment
ITCL	ISSUE TO CONTRACTOR LINING	IN-HOUSE

WORKORDER TOTAL
\$0.00

SERVICE REQUEST NO.
SR22-2562


ATTACHMENT J

CONTRACT ADMINISTRATION POLICY & PROCEDURES



JEFFERSON PARISH OFFICE OF THE PRESIDENT

CYNTHIA LEE SHENG
PARISH PRESIDENT

Date: January 21, 2021
To: All Employees
From: Cynthia Lee Sheng 
Parish President
Subject: Contract Administration Policy & Procedures

Attached is the new Contract Administration Policy & Procedures manual that is being instituted throughout Jefferson Parish. The purpose of contract administration is to ensure that the contractor/vendor is performing all duties in accordance with the contract, that the financial interests of the Parish are protected, and that the Parish is aware of and addresses any developing problems or issues on a timely basis. The reason for implementing this policy is to mandate that, when a contract is executed by the Parish in accordance with Parish and State Law, a Parish employee will assume the role of contract administrator and be responsible for monitoring the contract for proper execution and performance from the start date of the contract through completion and final acceptance.

Monitoring the performance of those with whom Jefferson Parish does business is a key function of proper contract management and administration. It follows that the manner in which the Parish manages its business relationships has a great impact on how effectively the Parish meets the needs and expectations of its citizens.

The Parish does business with a variety of entities and persons ranging from cooperative endeavor agreements with small non-profit organizations to intergovernmental agreements with municipalities to multi-million-dollar construction projects involving many firms.

The Contract Administration Policy & Procedures have been established for the purpose of comprehensively developing, maintaining and communicating the standards of Contract Administration expected of every Parish department. I appreciate your dedicated efforts and professionalism and am pleased that we continually raise the bar for what is expected by Jefferson Parish.

JOSEPH S. YENNI BUILDING - 1221 ELNWOOD PARK BLVD - SUITE 1002 - JEFFERSON, LA 70123 - PO BOX 10242 JEFFERSON, LA 70181-0242
OFFICE 504.736.6400

GENERAL GOVERNMENT BUILDING-200 DERRIGNY ST - SUITE 6100 - GRETN, LA 70053 - PO BOX 9 - GRETN - LA 70054
OFFICE 504.364.2700

WWW.JEFFPARISH.NET

JEFFERSON PARISH

CONTRACT ADMINISTRATION POLICY & PROCEDURES

1. IN GENERAL

Monitoring the performance of those with whom Jefferson Parish does business is a key function of proper contract management and administration. It follows that the manner in which the Parish manages its business relationships has a great impact on how effectively the Parish meets the needs and expectations of its citizens.

The Parish does business with a variety of entities and persons ranging from cooperative endeavor agreements with small non-profit organizations to intergovernmental agreements with municipalities to multi-million-dollar construction projects involving many firms. For more specific information on the Uniform Purchasing Procedures, please see Jefferson Parish Code of Ordinances, Chapter 2, Article VII. Finances, Contract, Purchases and Sales, Division 2. Uniform Purchasing Procedures. Some sections to note are: Section 2-895 for Request for Proposals which is used for nonprofessional services costing \$15,000.00 or more when the competitive sealed bid is not practical; Section 2-902 for purchases less than or equal to \$5,000.00; Section 2-903 for purchases between \$5,000.00 and for the purchase of materials and supplies in the sum set in La. R.S. 38:2212.1, and for all public works below the contract limit, as defined in La. R.S. 38:2212. Division 3. Restrictions on Contracts and other Agreements, Section 2-925.1 establishes requirements for Cooperative Endeavor Agreements with non-governmental organizations. Division 3.1. Section Nos. 2-926 through 2-935.1 establishes the Statement of Qualifications (SOQ) process which is used for the selection of persons for professional services.

The purpose of contract administration is to ensure that the contractor/vendor is performing all duties in accordance with the contract, that the financial interests of the Parish are protected, and that the Parish is aware of and addresses any developing problems or issues on a timely basis. The reason for implementing this policy is to mandate that, when a contract is executed by the Parish in accordance with Parish and State Law, a Parish employee will assume the role of contract administrator and be responsible for monitoring the contract for proper execution and performance from the start date of the contract through completion and final acceptance.

Please note that the policies and procedures outlined herein are minimum standards and protocol for the role of contract administrator in the Parish; they do not prohibit individual department directors from adopting more stringent requirements.

2. DEFINITIONS

Contract – is defined as a written agreement between two (2) or more parties intended to have legal effect, including but not limited to Memorandums of Understanding, Cooperative Endeavor Agreements, Intergovernmental Agreements, Grant Contracts, As-needed contracts, Bid Contracts, Contracts derived from Requests for Proposals (RFP) or from Statements of Qualification (SOQ), and Professional Services Contracts. For purposes of this policy the words "contract" and "agreement" are synonymous.

Contractor/Vendor – a person or company that undertakes a contract to provide materials or labor to perform a service to do a job or a person that sells something of value to another based upon the terms of a contract. For purposes of this policy, the term contractor or vendor includes, but is not limited to, that party, association, entity, organization, non-profit, or group with whom the Parish is entering an agreement for some legitimate public purpose. (e.g. a civic association, municipality or an engineer)

Contract Administrator – a Parish departmental employee or other designee of the Jefferson Parish Council that is designated by his/her supervisor or supervising body as the person responsible for administering and monitoring contracts for that Parish department or Council Office (for Council initiated contracts). This person may be a director, an executive assistant to the director, an assistant director, an engineer, or other designated employee with a qualified job description to ensure the employee is not working out of class. It must be somebody in a position with unique knowledge about the workings of contractual relations for the department/office.

Contract Coversheet – a coversheet that accompanies each contract and includes, among other things, the name of the contract administrator and the address and contact information for the contract administrator. It is imperative that the Contractor/Vendor knows that the contract administrator must be copied on all correspondence regarding the contract including invoices. Other information contained within the contract coversheet includes, but is not limited to, bond information, special instructions regarding the handling of the contract, contract amounts and any changes in those amounts and contact information for the originator of the route.

- The C-track contract routing process requires the contract administrator's name, email address and phone number to be entered on the contract cover sheet.

3. THE PRE CONTRACT PERIOD

It is incumbent on the Parish to negotiate the terms and conditions of the contract. Sometimes contracts are drafted by the various departments using the templates found on the Parish Intranet site. Sometimes they are drafted by the Office of the Parish Attorney. Regardless of who drafts the agreement it is imperative that the time and effort be spent on the front end of the agreement to specifically define what the scope of work will be. Contract administration must be considered during this process and if possible the contract administrator should participate in developing the solicitation and writing the draft documents. This allows the contract administrator to more readily measure the vendor/contractor's performance.

To accomplish this level of detail in the agreement anyone that drafts an agreement to which the Parish will be a party should utilize the SMART method of goal setting. In drafting the scope of work the focus should be on clearly defining the deliverables and ensuring that they are Specific, Measurable, Attainable, Realistic, and Timely. Looking at each component of the acronym individually will ensure a better understanding of this.

A Scope of Work should be SMART;

- Specific. What is the goal of the agreement? How often or how much? Where will it take place? What is it that the Parish is trying to accomplish by entering the agreement?
- Measurable. How will the Parish measure its goal? Measurement gives the monitor specific feedback and allows the Parish to hold its contractors/ vendors accountable. It is how the monitor can keep score.
- Attainable. Is the outcome sought achievable or impossible?
- Realistic. Is the goal and timeframe realistic?
- Timely. What is the duration of the agreement? What are the deadlines?

Review the scope of work and other contract terms, including contractor compliance requirements and reporting requirements. All of these requirements are deliverables that the contractor will agree to when the contract is executed or the purchase order is issued. Design the monitoring program to focus on items that are most important. Generally, this means to focus the monitoring on the outcomes that result from the contract. In writing the specification, focus should be on the scope of work and ensuring that the outcomes are specific and measurable. What is the Parish getting from the contract? What public purpose is being satisfied? Once the deliverables are identified the specification writer

should develop a monitoring plan/checklist for each contract taking into account the level of risk. General factors used to assess the level of risk include, but are not limited to:

- a. The dollar amount of the contract;
- b. Negative impact to the Parish's reputation if the contract is not executed properly and on time;
- c. The contractor/vendor's past performance;
- d. How experienced the contractor is with the type of work to be performed; and
- e. The term of the agreement, timeliness of renewing, and contract caps.

4. WHY MONITOR?

Monitoring the performance of the contractor is a key function of proper contract administration. The purpose is to ensure that the contractor is performing all duties in accordance with the contract and for the contract administrator to be aware of and address any developing problems or issues. Small dollar value or less complex contracts normally require little monitoring. However, that does not preclude the possibility of more detailed monitoring if deemed necessary by the Parish. Conversely, large dollar contracts may need little monitoring if the items or services purchased are not complex, and Parish administration is comfortable with the contractor's performance and the level of risk associated with the contract.

5. NOW THAT I AM A CONTRACT ADMINISTRATOR WHAT IS EXPECTED OF ME?

All of the below listed items are legitimate contract administration procedures:

- a. Monitoring the contractor's progress and performance to ensure goods and services conform to the contract requirements. Depending on the nature of the contract the contract administrator may need to conduct one or more site visits.
- b. Documenting required contractor visits, tests, and significant events, if relevant.
- c. Reviewing required reports submitted by the contractor demonstrating compliance.
- d. Resolving disputes in a timely manner
- e. Verifying receipt of contract deliverables in accordance with the contract terms and maintaining detailed supporting documentation.
- f. Reviewing contractor's invoices and reconciling and verifying that payments are consistent with the contract terms and maintaining proper documentation.

- g. Reviewing compliance with applicable laws, regulations, and policies and consulting with the department Director if there are any concerns.
- h. Providing status reports at reasonable intervals and maintaining a contract folder until contract completion.

The contract administrator needs to consider the following monitoring reviews:

- Was the item billed really purchased by the contractor?
- Was the item billed used for the purpose of the contract?
- Was the item necessary and reasonable for the purpose of the contract?
- Was the item of the quality and quantity specified in the contract?
- Was the item listed in the contractor's bid, or is the item or service within the scope of work in the contract?

These are items that should also be considered in any type of contract.

6. MINIMUM STANDARDS & PROTOCOLS FOR CONTRACT ADMINISTRATORS (RESPONSIBILITIES)

The overriding responsibility of the contract administrator is to monitor the contractor's progress and performance to ensure goods, services, or deliverables conform to the contract requirements.

Functions of contract administration:

- Monitor performance to ensure goods and services conform to the contract;
- Identify and report violations, and pursue remedies;
- Manage contract changes;
- Ensure taxpayer dollars are spent wisely;
- Perform contract close out responsibilities; and
- Maintain contract records.

Contract administrator ensures that goods and services are delivered in a timely manner and that the financial interests of the Parish are protected. It is essential for contract administrators to understand the provisions of the contract. They must be able to communicate to all parties involved and maintain oversight over contract performance.

The contract administrator is responsible for the contract file and for keeping a complete contract file. The file provides a basis for settling claims and disputes should

they arise. Contract files need to be well organized to allow someone to reconstruct and understand the history of the contract

Recommended Contract File Documents (not all contracts will have all components)

- The solicitation document;
- The contractor's response;
- The award document, which is a resolution for purchases over a certain dollar amount or may be by letter award issued by the Purchasing Department for smaller contracts;
- All specifications, drawings or manuals pertaining to the contract;
- All contract amendments;
- Contract submittals that have been received; including but not limited to certificates of insurance, performance bond and/or payment bond;
- A list of furnished property or services;
- Memorandums and correspondence related to the contract, even if prior to award;
- All routine reports required by the contract;
 - Sales reports
 - Pricing schedules
 - Approval requests
 - Inspection reports
 - Audit reports
- All notices to proceed, to stop work, or to correct deficiencies;
- Records and minutes of meetings; and
- All backup documentation for payments made under the contract.

Additionally, contract administration duties may include;

- Consulting with the Parish Attorney's Office to address any legal concerns and/or issues.
- Contacting the contractor/vendor to obtain up-to-date certificates of insurance. Department is to send a copy of the certificates of insurance to the Purchasing Department's Executive Assistant so the AS/400 can be updated.
- Serving as the point of contact for disseminating the instructions regarding the work to the contractor. Contract administrator should be copied on any Notice to Proceed by the director.
- Receiving and responding to communications between the Parish and the contractor.
- Manage, approve, and document any changes to the contract and initiate any necessary amendments by initiating the process to obtain Council approval.

- Managing any Parish property used in contract performance, e.g., computers, telephones, identification badges, etc.
- Identify and resolve disputes with contractor in a timely manner.
- Maintaining appropriate records as required by Parish policy and procedures and legal requirements (eg. Grant agreements, invoices, documentation of deliverables, proof of receipts, material correspondence).
- Documenting significant events.
- Monitoring the budget process to ensure sufficient funds are available, ensure effective use of the financial management system, and monitor contract spending subject to the not-to-exceed cap on each contract.
- Verify accuracy of invoices and authorize payments consistent with the contract terms. Like the director of a Parish department, a contract administrator should also likewise sign off on invoices and authorize payments.
- Exercising Parish remedies, as appropriate, when a contractor's performance is deficient. (e.g. termination, seeking damages for non-performance, reimbursement, etc.).
- Inspecting and approving the final product/services by submitting a written document accepting the deliverables. This could be done by adding comments on the contract checklist or by narrative report to the file.
- For Cooperative Endeavor Agreements with non-governmental organizations it is the contract administrator's duty ensure compliance with Jefferson Parish Code of Ordinances Sec. 2-925.1.
- An appropriate contract administration checklist must be filled out by the contract administrator. The type of contract involved should dictate what type of checklist should be used. A sample checklist is attached as Exhibit No. 1, but every department should develop their own checklist.
- Performing contract closeout process ensuring the contract file contains all necessary contract documentation, formal acceptance documented, and document lessons learned.

7. Monitoring Types

DESK REVIEW

Typically, these are reviews of reports submitted by the contractor to the Parish. Contract administrator should review the reports for the following:

- Compare the actual performance against the contract requirements. Is the contractor performing in accordance with the contract requirements?
- Compare actual expenditures to the approved budget. Are the invoices being matched to the line item, hourly rate, lump sum, etc. as bid or stated in CEA, Intergovernmental Agreement, RFP or SOQ contract?
- Compare the current period to prior periods. Are there any unexplained trends? Is the contractor performing work significantly different from the last period or the last year that was not anticipated in the contract?
- If applicable, compare what the current contractor is doing in comparison with other contractors performing similar work.

SITE VISITS

More complex contracts and contracts that the contract administrator perceives as having a higher degree of risk may require both reviews and visits to whenever the contractor is performing the work, including the contractor's facilities, to ensure progress is in accordance with the contract schedule. Site visits can be used to verify actual performance against scheduled or reported performance. These can ensure the contractor is dedicating sufficient resources and appropriate personnel to the contract. Site visits reinforce the importance of the contract from the Parish's perspective to the contractor, as well as provide the opportunity to enhance communications with the contractor.

EXHIBIT 1

Example of a Contract Administration Checklist

Contract Administration Checklist

It is the responsibility of each Parish department to ensure all contractual obligations are met and that contract administration is documented. This checklist serves as a tool to assist the department and contract administrator during that process. Each contract is unique and the department may add to this tool as required to meet its particular circumstance.

Item #	Contract Administration	Department Documentation	Yes/No
1.	Contract: Contract number/ effective date Contractor name/ purchase order number/insurance.	Contract #: _____ Contract Effective Date: _____ Contractor Name: _____ Contract Renewal Options? Purchase Order #: _____ Valid Certificate of Insurance? _____	Yes / No
2.	Department Contract Administrator: Name/ title/contact information of the person responsible for ensuring all contractual obligations are met.	Name: _____ Title: _____ Phone #: _____ E-mail: _____	
3.	Administration Procedures/Methodology: Written documented contract monitoring procedures/methodology.	Department has a written contract administration procedure?	Yes/No
4.	Delivery: Delivery date specified in the contract/date of delivery.	Contract specified delivery date: Date agency received item(s): Full or Partial Delivery? Delivery in Accordance with Contract?	Full/ Partial Yes/No
5.	Acceptance: Item(s) delivered were in accordance with contract specifications.	Items delivered were accepted (met contract specifications)? Latent material defects?	Yes/No Yes/No
6.	Warranty: Item(s) warranted in accordance with contract.	Warranty work was required? If so, warranty was performed in accordance with the contract?	Yes/No Yes/No
7.	Invoice: Invoice price mirrored purchase order price.	Invoice matched purchase order price? If no, invoiced more or less than PO?	Yes/No More/Less

8.	Default of Contract: Was contractor held in default of contract and/or debarred.	Was the contractor held in default? Was the contractor debarred? Was a vendor complaint form provided Department Director/Purchasing?	Yes/No Yes/No Yes/No
Additional Department Administration Requirements (example)			
9.	Reports: All reports required by the contract were provided timely/accurately/prescribed manner.	Contractor reports were provided by the required due date? Contractor reports were accurate (when initially submitted)? Contractor reports were in the prescribed manner?	Yes/No Yes/No Yes/No

Contract Administrator performed by (print and sign): _____

ATTACHMENT #1

AUDITOR INDEPENDENCE STATEMENT

According to Ordinance No. 26063 (September 16, 2020), Sec.2-162.2(a) and (d), the Director of Internal Audit "shall engage in internal audit activities and complete engagements in an independent manner, free of any organizational or personal impairment. The Director shall attest in writing that all activity was concluded with independence, free from organizational or personal impairment."

Sec. 2-162.2. - Independence and objectivity; professional standards.

(a) The department function must be independent to retain objectivity, and the department's independence allows the director to make assessments impartially and without bias while avoiding conflicts of interest. In furtherance of the operation of an independent and objective department, the department shall use the following standards in the completion of all engagements and in the conduct of all activity:

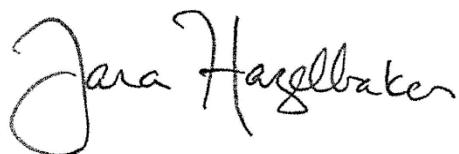
- (1) The standards and code of ethics produced by the Institute of Internal Auditors and published in the *Professional Practices Framework*;
- (2) The standards and principles produced by the Government Accountability Office and published in the *Government Auditing Standards*; and
- (3) The professional and ethical standards issued by the American Institute of Certified Public Accountants.

(d) The director shall engage in internal audit activities and complete engagements in an independent manner, free of any organizational or personal impairment. The director shall attest in writing that all activity was concluded with independence, free from organizational or personal impairment. Any impairment to independence, organizational or personal, shall be reported in writing to the council and copied to the parish president and the inspector general within seven (7) business days of discovering the impairment, organizational or personal.

The following is the required attestation meant to comply with both professional standards and Jefferson Parish Ordinance No. 26063.

ATTESTATION:

Internal Audit Report #2023-002 was conducted with independence and free from organizational or personal impairment.



TARA HAZELBAKER, CPA, CIA
DIRECTOR OF INTERNAL AUDIT



**Jefferson
Parish**
State of Louisiana

ATTACHMENT #2

RESPONSE FROM PARISH ADMINISTRATION



CYNTHIA LEE SHENG
PARISH PRESIDENT

JEFFERSON PARISH

OFFICE OF THE PARISH PRESIDENT

May 12, 2023

Via Electronic Mail

Tara Hazelbaker, Director
Internal Audit Department
Joseph S. Yenni Building
1221 Elmwood Park Blvd., Suite 306
Jefferson, LA 70123

RE: Internal Audit Report #2023-002
Public Works-Sewer Maintenance

Dear Ms. Hazelbaker:

In accordance with Sec. 2-162.5(b), Jefferson Parish Code of Ordinances, the Administration provides the following response to Internal Audit Report #2023-002 Public Works-Drainage Maintenance ("Report"), received by the Administration on March 30, 2023.

The Report contains seven (7) "Recommendations" each of which is addressed below.

Recommendation: 1. The Department of Sewerage should ensure that all sewer lift rehabilitation projects are procured in accordance with Parish and the Louisiana Public Bid Law.

Response: Depending upon the severity of a required lift station rehabilitation, the Department of Sewerage ("Department") either individually bids the lift station rehabilitation or utilizes the referenced sewer maintenance contract. The Department publicly bid the sewer maintenance contract and accepted the lowest responsible bidder pursuant to Parish and State Public Bid Laws. Many bid items were added to the previous sewer maintenance contract bid item list to facilitate sewer lift station rehabilitation work. The Department, however, acknowledges that the language of the scope and title of the current contract was not changed to reflect this additional work and the Department will correct same in any subsequent contract bids.

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GENERAL GOVERNMENT BUILDING-200 DERBIGNY ST - SUITE 6100 - GRETNA, LA 70053 - PO BOX 9 - GRETNA - LA 70054
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Recommendation: 2. Internal Audit recommends that the Department of Sewerage include all specific and known items in future bid specifications in an attempt to minimize unforeseen items and maximize the return on taxpayers' dollars.

Response: The Department acknowledges the necessity to include more bid items to minimize "unforeseen" items that do not have a specific bid item in the current sewer maintenance contract and will be corrected in future contract bids. Furthermore, the Department has already initiated the internal procurement of any materials or items, when possible, that would have been billed under the "unforeseen" category. These procurements will utilize the Parish public bid process through the Department of Purchasing or other relevant agencies.

Recommendation: 3. Internal Audit recommends that only bid items contained with the selected vendor bid documents be used to capture contract expenditures.

Response: See Responses to Recommendation # 1 and Recommendation # 2. Please note, however, that with tens of thousands of different components making up the Parish's Sewerage Infrastructure it may not be reasonable to have contract bid items for all components.

Recommendation: 4. A formalized system should be put into place to track an overall contract dollar utilization plan among the departments.

Response: Various departments within the Department of Public Works utilize this contract that are not responsible to or overseen by the Department. As the Contract Administrator, however, we will implement a plan to better track other departments' contract expenditures thru the AS 400 Financial Management System.

Recommendation: 5. Records of pre-construction meetings, required reporting, and field inspection reports should be consistently maintained as required by the terms of the contract. A centralized, electronic system should help foster effective and efficient communication across user departments.

Response: The Department and other departments utilizing this contract conduct pre-construction meetings, have private and public (departmental) engineers and inspectors who oversee all contract work, and have extensive files on the inspection of the contract work being performed. This recommendation centers on the use of one program to consolidate all of the various project reports in one place. The Parish has an existing Oracle based workorder system the auditor recommended using for this task. After meeting with the Director of the Department of Electronic Information Systems Management ("EIS"), the Department and EIS determined that this antiquated workorder system designed by Parish personnel over 25 years ago does not have the capability of such task. EIS has developed a Request for Proposals for a Parish wide workorder system to replace the outdated one. Public Works has recommended that this new system have the capabilities the Internal Auditor recommends.

Recommendation: 6. The Contract Administrator, along with other user departments, should ensure that work orders are consistently issued as required by the terms of the contract.

Response: Departments have implemented this recommendation and written workorders will be issued for any task assigned under this contract.

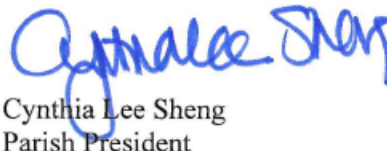
Recommendation: 7. Future contract language should be reviewed to ensure that invoicing frequency is appropriate.

Response: The Administration agrees with this recommendation and will make appropriate changes in future contracts.

Thank you for your assistance, and for providing us an opportunity to respond.

If you have any questions, please contact me at your earliest convenience.

Sincerely,



Cynthia Lee Sheng
Parish President

cc: Honorable Ricky Templet, Councilman at Large, Div. A
Honorable Scott Walker, Councilman at Large, Div. B
Honorable Marion Edwards, Councilman, Dist. 1
Honorable Deano Bonano, Councilman, Dist. 2
Honorable Byron Lee, Councilman, Dist. 3
Honorable Dominick Impastato, Councilman, Dist. 4
Honorable Jennifer Van Vrancken, Councilwoman, Dist. 5