



**Bid Number 50-00116631**

**TWO (2) YEAR CONTRACT FOR RESTORATION OR REPLACEMENT OF  
SEWER MAINS (GRAVITY OR FORCE) FOR POINT REPAIR FOR  
JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS, SEWERAGE**

**BID DUE DATE, TIME: JUNE 28, 2016 AT 2:00 P.M.**

**ATTENTION VENDORS!!!**

**Please review all pages and respond accordingly, complying with all provisions  
in the technical specifications and Jefferson Parish Instructions for Bidders and  
General Terms and Conditions. All bids must be received in the Purchasing  
Department by the bid due date and time.**

**Jefferson Parish Purchasing Department  
200 Derbigny Street  
General Government Building, Suite 4400  
Gretna, LA 70053  
Buyer Name: Daphne Nelson  
Buyer Email: [DNelson@jeffparish.net](mailto:DNelson@jeffparish.net)  
Buyer Phone: (504) 364-2650**

DATE: 5/25/2016

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00116631

**JEFFERSON PARISH**  
PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

BUYER: DNelson@jeffparish.net

**BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 6/28/2016 AND PUBLICLY OPENED THEREAFTER.**

**LATE BIDS WILL NOT BE ACCEPTED**

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

**NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.**

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**  
**THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS**

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

All vendors submitting bids must register as a Jefferson Parish vendor if not already yet registered. Bidders may be required to furnish current W-9 Forms and respective Tax Identification Numbers within 10 days after bid opening if such information is not on file or not up to date. Registration forms may be downloaded from [www.purchasing.jeffparish.net](http://www.purchasing.jeffparish.net) and clicking on Vendor Information.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

**Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)**

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

If the bid exceeds \$30,000.00 and the company is duly authorized to do business in the state of Louisiana, a corporate resolution must be submitted with the bid or the person signing the bid documents must be listed on the Louisiana Secretary of State's website as an officer of the corporation, unless bidder has otherwise complied with LSA-R.S. 38:2212(B)(5). If the bid is in excess of \$30,000 and bidder is registered out of the state of Louisiana, a corporate resolution must be submitted with the bid, unless bidder has otherwise complied with LSA-R.S. 38:2212(B)(5). Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. Bids submitted by Owner or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. Sole proprietors submitting bids for public works projects shall within 10 days after bid opening submit sole proprietorship certification.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

### INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. IN THE EVENT OF SPLIT AWARD, THE PURCHASING DEPARTMENT MAY CONTACT VENDORS TO REQUEST REQUIRED AFFIDAVITS. THOSE VENDORS WILL HAVE 10 DAYS FROM THE DATE OF NOTICE TO SUBMIT COMPLETE, SIGNED AND NOTARIZED AFFIDAVITS IN ORIGINAL FORMATS.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA-R.S.38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

**IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS**

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit the Purchasing Department webpage at <http://purchasing.jeffparish.net> to register and review Jefferson Parish solicitations.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

**ADDITIONAL REQUIREMENTS FOR THIS BID**

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

**1,3,4,6,7,10,11,12,13,14**

**MANDATORY**

**PRE-BID CONFERENCE TO BE HELD AT: J. P. PURCHASING DEPT., 200 DERBIGNY ST.  
SUITE 4400, GRETNA, LA 10:00 AM  
ON 6/13/2016**

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached sheet. The current certificate of insurance must be submitted by low bidder within 10 days after bid opening to the Purchasing Department. Failure to comply will cause bid to be rejected. JEFFERSON PARISH reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits (in Original Format) required; Non-Collusion Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit and E-Verify Affidavit must be completed, signed, notarized and submitted by low bidder within 10 days after bid opening to the Purchasing Department on all solicitations for construction, alteration or demolition of public building or project, including but not limited to requirements found in LSA-RS 38:2212.9; LSA-RS 38:2212.10; LSA-RS 38:2224; Code of Ordinances, Jefferson Parish, Louisiana, Sec 2-923.1. Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format for the bid to be considered responsive.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits (in Original Format) required; Non-Collusion Affidavit, and Campaign Contribution Affidavit must be completed, signed, notarized and submitted by low bidder within 10 days after bid opening to the Purchasing Department. See LSA-RS 38:2212.10; LSA-RS 38:2224; Code of Ordinances, Jefferson Parish, Louisiana, Sec 2-923.1 Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format for the bid to be considered responsive.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding reimbursement. As such, the referenced attachment will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted within 10 days of bid opening. Failure to submit applicable certifications within 10 days of bid opening will result in bid rejection.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session – Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment

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 Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

TO: JEFFERSON PARISH
PURCHASING DEPT
200 DERBIGNY ST. SUITE 4400
GRETNA, LA 70053
(Owner to provide name and address of owner)

BID FOR: TWO (2) YEAR CONTRACT FOR RESTO
OR REPLACEMENT OF SEWER MAINS (
OR FORCE) FOR POINT REPAIR FOR
SON PARISH DEPARTMENT OF PUBLIC
(Owner to provide name of project and
other identifying information)

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

(Owner to provide name of entity preparing bidding documents.)

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

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

Dollars (\$) \_\_\_\_\_

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

Alternate No. 1 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$) \_\_\_\_\_

Alternate No. 2 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$) \_\_\_\_\_

Alternate No. 3 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$) \_\_\_\_\_

NAME OF BIDDER: \_\_\_\_\_

ADDRESS OF BIDDER: \_\_\_\_\_

LOUISIANA CONTRACTOR'S LICENSE NUMBER: \_\_\_\_\_

NAME OF AUTHORIZED SIGNATORY OF BIDDER: \_\_\_\_\_

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: \_\_\_\_\_

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER \*\*: \_\_\_\_\_

DATE: \_\_\_\_\_

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

\*\* If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with La. R.S. 38:2212(B)5.

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

LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
PURCHASING DEPT  
200 DERBIGNY ST, STE 4400  
GRETNA, LA 70053  
(Owner to provide name and  
address of owner)

**TWO (2) YEAR CONTRACT FOR RESTORATION  
OR REPLACEMENT OF SEWER MAINS (GRAVITY  
OR FORCE) FOR POINT REPAIR FOR JEFFER-  
SON PARISH DEPARTMENT OF PUBLIC WORKS,**

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

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0001 - Restore 6 inch sewer mainline feederline or lateral by		
	<input type="checkbox"/> Alt.#__	point repair		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1	100.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0002 - Restore 6 inch sewer mainline feederline or lateral beyond point		
	<input type="checkbox"/> Alt.#__	repair		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
2	500.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0003 - Restore 8 inch - 10 inch main by point repair (0 feet - 6 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
3	250.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0004 - Restore 8 inch - 10 inch main by point repair (7 feet - 8 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
4	75.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0005 - Restore 8 inch - 10 inch main by point repair (9 feet - 10 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
5	50.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0006 - Restore 8 inch - 10 inch main by point repair (11 feet - 12 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
6	25.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0007 - Restore 8 inch - 10 inch main by point repair (beyond 12 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
7	15.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0008 - Restore 8 inch - 10 inch main beyond point repair (0 feet - 6 feet		
	<input type="checkbox"/> Alt.#__	deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
8	100.00	LF		

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

LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
PURCHASING DEPT  
200 DERBIGNY ST, STE 4400  
GRETNA, LA 70053  
(Owner to provide name and address of owner)

**TWO (2) YEAR CONTRACT FOR RESTORATION OR REPLACEMENT OF SEWER MAINS (GRAVITY OR FORCE) FOR POINT REPAIR FOR JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS,**

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

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0009 - Restore 8 inch - 10 inch main beyond point repair (7 feet - 8 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
9	50.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0010 - Restore 8 inch - 10 inch main beyond point repair (9 feet - 10 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
10	50.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0011 - Restore 8 inch - 10 inch main beyond point repair (11 feet - 12 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
11	25.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0012 - Restore 8 inch - 10 inch main beyond point repair (beyond 12 feet)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
12	25.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0013 - Restore 12 inch - 15 inch main by point repair (0 feet - 6 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
13	5.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0014 - Restore 12 inch - 15 inch main by point repair (7 feet - 8 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
14	5.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0015 - Restore 12 inch - 15 inch main by point repair (9 feet - 10 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
15	5.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0016 - Restore 12 inch - 15 inch main by point repair (11 feet - 12 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
16	5.00	EA		

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

LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
PURCHASING DEPT  
200 DERBIGNY ST, STE 4400  
GRETNA, LA 70053  
(Owner to provide name and  
address of owner)

**TWO (2) YEAR CONTRACT FOR RESTORATION  
OR REPLACEMENT OF SEWER MAINS (GRAVITY  
OR FORCE) FOR POINT REPAIR FOR JEFFER-  
SON PARISH DEPARTMENT OF PUBLIC WORKS,**

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<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0017 - Restore 12 inch - 15 inch main by point repair (beyond 12 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
17	2.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0018 - Restore 12 inch - 15 inch main beyond point repair (0 feet - 6 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
18	10.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0019 - Restore 12 inch - 15 inch main beyond point repair (7 feet - 8 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
19	10.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0020 - Restore 12 inch - 15 inch main beyond point repair (9 feet - 10 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
20	10.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0021 - Restore 12 inch - 15 inch main beyond point repair (11 feet - 12 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
21	10.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0022 - Restore 12 inch - 15 inch main beyond point repair (beyond 12 feet) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
22	10.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0023 - Restore 16 inch main by point repair (0 feet - 8 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
23	2.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0024 - Restore 16 inch main by point repair (9 feet - 12 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
24	2.00	EA		

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<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0025 - Restore 16 inch main by point repair (beyond 12 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
25	2.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0026 - Repair 16 inch main beyond point repair (0 feet - 8 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
26	5.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0027 - Repair 16 inch main beyond point repair (9 feet - 12 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
27	5.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0028 - Repair 16 inch main beyond point repair (beyond 12 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
28	5.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0029 - Restore 18 inch main by point repair (0 feet - 8 feet) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
29	5.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0030 - Restore 18 inch main by point repair (9 feet - 12 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
30	5.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0031 - Restore 18 inch main by point repair (beyond 12 feet) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
31	5.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0032 - Restore 18 inch main beyond point repair (0 feet - 8 feet) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
32	5.00	LF		

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0033 - Restore 18 inch main beyond point repair (9 feet - 12 feet deep) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
33	5.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0034 - Restore 18 inch main beyond point repair (beyond 12 feet) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
34	5.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0035 - Restore 21 inch main by point repair (0 feet - 8 feet deep) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
35	3.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0036 - Restore 21 inch main by point repair (9 feet - 12 feet deep) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
36	3.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0037 - Restore 21 inch main by point repair (beyond 12 feet) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
37	3.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0038 - Restore 21 inch main beyond point repair (0 feet - 8 feet deep) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
38	5.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0039 - Restore 21 inch main beyond point repair (9 feet - 12 feet deep) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
39	5.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0040 - Restore 21 inch main beyond point repair (beyond 12 feet) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
40	5.00	LF		

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0041 - Restore 24 inch main by point repair (0 feet - 8 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
41	3.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0042 - Restore 24 inch main by point repair (9 feet - 12 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
42	3.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0043 - Restore 24 inch main by point repair (beyond 12 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
43	3.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0044 - Restore 24 inch main beyond point repair (0 feet - 8 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
44	5.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0045 - Restore 24 inch main beyond point repair (9 feet - 12 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
45	5.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0046 - Restore 24 inch main beyond point repair (beyond 12 feet deep)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
46	5.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0047 - Repair manhole line connection		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
47	40.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0048 - Additional Sheeting, bracing, and foundation lumber (as directed)		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
48	2,000.00	BDFT		

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0049 - Additional granular material			
	<input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
49	3.00	TN		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0050 - Additional limestone			
	<input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
50	3.00	TN		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0051 - Exploratory excavation			
	<input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
51	75.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0052 - Remove and replace portland cement concrete roadway/ 1 inch thickness			
	<input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
52	15,000.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0053 - Remove and replace asphaltic concrete roadway 6 inches thick			
	<input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
53	1,250.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0054 - Place and remove temporary asphaltic concrete roadway 2 inches thick			
	<input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
54	2,500.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0055 - Remove and replace concrete curb gutter			
	<input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
55	100.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0056 - Replace concrete curb			
	<input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
56	1,100.00	LF		

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0057 - Repoint existing sewer manholes or wetwell		
	<input type="checkbox"/> Alt. #			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
57	1,000.00	SQFT		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0058 - Adjusting manhole		
	<input type="checkbox"/> Alt. #			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
58	25.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0059 - Sewer manholes - 4 foot diameter		
	<input type="checkbox"/> Alt. #			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
59	32.00	VF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0060 - Sewer manholes - 6 foot diameter		
	<input type="checkbox"/> Alt. #			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
60	20.00	VF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0061 - Slab sodding		
	<input type="checkbox"/> Alt. #			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
61	1,000.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0062 - Remove and replace concrete driveways (4 inch thick)		
	<input type="checkbox"/> Alt. #			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
62	500.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0063 - Remove and replace concrete driveways (6 inch thick)		
	<input type="checkbox"/> Alt. #			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
63	1,200.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0064 - Remove and replace concrete driveways (6 inch thick gravel)		
	<input type="checkbox"/> Alt. #			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
64	38.00	SQYD		

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0065 - Remove and replace concrete driveways (6 inch brick to match) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
65	20.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0066 - Remove and replace concrete sidewalks (4 inch thick) <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
66	1,000.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0067 - Remove and replace brick sidewalk <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
67	20.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0068 - Remove and replace stone sidewalks <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
68	20.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0069 - Remove and replace concrete sidewalks/wash gravel <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
69	20.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0070 - Installation of handicap access ramp <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
70	100.00	SQYD		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0071 - Installation of sewer cleanout type 1 <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
71	150.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0072 - Installation of riser from sewer main to service lateral <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
72	60.00	LF		

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DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0073 - Smoke testing <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
73	1,000.00	LF		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0074 - Emergency mobilization and demobilization <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
74	20.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0075 - Set up 6 inch bypass pump <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
75	10.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0076 - Set up 8 inch bypass pump <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
76	5.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0077 - Set up 10 inch bypass pump <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
77	5.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0078 - Set up 12 inch bypass pump <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
78	10.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0079 - Operation of 6 inch bypass pump <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
79	24.00	DY		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0080 - Operation of 6 inch bypass pump <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
80	25.00	WK		

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0081 - Operation of 6 inch bypass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
81	2.00	MO		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0082 - Operation of 8 inch bypass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
82	24.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0083 - Operation of 8 inch bypass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
83	6.00	WK		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0084 - Operation of 8 inch bypass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
84	2.00	MO		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0085 - Operation of 10 inch bypass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
85	24.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0086 - Operation of 10 inch bypass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
86	6.00	WK		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0087 - Operation of 10 inch bypass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
87	2.00	MO		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0088 - Operation of 12 inch bypass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
88	24.00	DY		

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LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
PURCHASING DEPT  
200 DERBIGNY ST, STE 4400  
GRETN, LA 70053  
(Owner to provide name and  
address of owner)

**TWO (2) YEAR CONTRACT FOR RESTORATION  
OR REPLACEMENT OF SEWER MAINS (GRAVITY  
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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0089 - Operation of 12 inch bypass pump <input type="checkbox"/> Alt.#__			
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
89	6.00	WK		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0090 - Operation of 12 inch bypass pump <input type="checkbox"/> Alt.#__			
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
90	2.00	MO		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0091 - Set up 6 inch standby by-pass pump <input type="checkbox"/> Alt.#__			
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
91	10.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0092 - Set up 8 inch standby by-pass pump <input type="checkbox"/> Alt.#__			
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
92	5.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0093 - Set up 10 inch standby by-pass pump <input type="checkbox"/> Alt.#__			
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
93	5.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0094 - Set up 12 inch standby by-pass pump <input type="checkbox"/> Alt.#__			
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
94	10.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0095 - Rental of 6 inch standby by-pass pump <input type="checkbox"/> Alt.#__			
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
95	24.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0096 - Rental of 6 inch standby by-pass pump <input type="checkbox"/> Alt.#__			
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
96	25.00	WK		

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DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0097 - Rental of 6 inch standby by-pass pump <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
97	2.00	MO		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0098 - Rental of 8 inch standby by-pass pump <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
98	24.00	DY		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0099 - Rental of 8 inch standby by-pass pump <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
99	6.00	WK		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0100 - Rental of 8 inch standby by-pass pump <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
100	2.00	MO		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0101 - Rental of 10 inch standby by-pass pump <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
101	24.00	DY		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0102 - Rental of 10 inch standby by-pass pump <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
102	6.00	WK		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0103 - Rental of 10 inch standby by-pass pump <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
103	2.00	MO		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0104 - Rental of 12 inch standby by-pass pump <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
104	24.00	DY		

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0105 - Rental of 12 inch standby by-pass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
105	6.00	WK		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0106 - Rental of 12 inch standby by-pass pump <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
106	2.00	MO		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0107 - Utility conflict manhole up to 3 feet depth <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
107	15.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0108 - Additional vertical foot height of conflict manhole above 3 feet <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
108	25.00	VF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0109 - Utility conflict box up to 5 feet depth <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
109	15.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0110 - Additional vertical foot height of conflict manhole above 5 feet depth <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
110	25.00	VF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0111 - Furnish and install 4 inch restrained joint force main pipe <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
111	100.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0112 - Furnish and install 6 inch restrained joint force main pipe <input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
112	100.00	LF		

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GRETN, LA 70053  
 (Owner to provide name and  
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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0113 - Furnish and install 8 inch restrained joint force main pipe		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
113	100.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0114 - Furnish and install 10 inch restrained joint force main pipe		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
114	100.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0115 - Furnish and install 12 inch restrained joint force main pipe		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
115	100.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0116 - Furnish and install 14 inch restrained joint force main pipe		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
116	100.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0117 - Furnish and install 16 inch restrained joint force main pipe		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
117	100.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0118 - Furnish and install 18 inch restrained joint force main pipe		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
118	100.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0119 - Furnish and install 20 inch restrained joint force main pipe		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
119	100.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0120 - Furnish and install 24 inch restrained joint force main pipe		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
120	100.00	LF		

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Bid# 50-00116631

TO: JEFFERSON PARISH  
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GRETN, LA 70053  
(Owner to provide name and  
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**TWO (2) YEAR CONTRACT FOR RESTORATION  
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DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0121 - Insertion of tee for service lateral in 8 inch - 12 inch mainline <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
121	50.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0122 - Insertion of tee for service lateral above 12 inch mainline <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
122	10.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0123 - Piling class 5 modification 40 feet long <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
123	10.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0124 - Foundation concrete wet well and or dry pit <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
124	35.00	CUYD		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0125 - 6 Feet diameter wet well or dry pit 6 feet to 16 feet depth <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
125	24.00	VF		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0126 - 6 Feet diameter wet well or dry pit 16 feet to 26 feet depth <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
126	48.00	VF		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0127 - 8 Feet diameter wet well or dry pit 6 feet to 16 feet depth <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
127	24.00	VF		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0128 - 8 Feet diameter wet well or dry pit 16 feet to 26 feet depth <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
128	48.00	VF		

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UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
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GRETNA, LA 70053  
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<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0129 - 10 Feet diameter wet well or dry pit 6 feet to 16 feet depth <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
129	24.00	VF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0130 - 10 Feet diameter wet well or dry pit 16 feet to 26 feet depth <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
130	48.00	VF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0131 - 12 Feet diameter wet well or dry pit 6 feet to 16 feet depth <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
131	24.00	VF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0132 - 12 Feet diameter wet well or dry pit 16 feet to 26 feet depth <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
132	48.00	VF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0133 - Top concrete cover wet well and or dry pit with hatch <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
133	35.00	CUYD		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0134 - Rubber tire loader backhoe <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
134	25.00	DY		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0135 - 5/8 Cubic Yard track backhoe <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
135	25.00	DY		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0136 - 1 Cubic Yard track backhoe <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
136	20.00	DY		

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UNIT PRICE FORM

Bid# 50-00116631

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0137 - 2 Cubic Yard rubber tire loader <input type="checkbox"/> Alt. # __			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
137	10.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0138 - 2 Cubic Yard track backhoe <input type="checkbox"/> Alt. # __			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
138	25.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0139 - D-4 dozer <input type="checkbox"/> Alt. # __			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
139	10.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0140 - Chain saw <input type="checkbox"/> Alt. # __			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
140	25.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0141 - Multi-purpose saw <input type="checkbox"/> Alt. # __			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
141	10.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0142 - Small tools <input type="checkbox"/> Alt. # __			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
142	10.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0143 - Pick-up truck <input type="checkbox"/> Alt. # __			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
143	25.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0144 - Utility truck <input type="checkbox"/> Alt. # __			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
144	25.00	DY		

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0145 - Single axle truck		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
145	8.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0146 - Tandum axle dump truck		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
146	25.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0147 - Welding truck complete with 200A welder and torch set		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
147	15.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0148 - Small gasoline wacker plate approximately 24 inch x 24 inch		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
148	24.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0149 - CONSTRUCTION. WATER METER AND 100 FEET OF 1-1/2 INCH HOSE		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
149	32.00	DY		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0150 - Low boy		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
150	25.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0151 - Foreman		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
151	500.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0152 - Operator		
	<input type="checkbox"/> Alt.#__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
152	500.00	HR		

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LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
PURCHASING DEPT  
200 DERBIGNY ST, STE 4400  
GRETNA, LA 70053  
(Owner to provide name and  
address of owner)

TWO (2) YEAR CONTRACT FOR RESTORATION  
OR REPLACEMENT OF SEWER MAINS (GRAVITY  
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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0153 - Pipe Layer <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
153	50.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0154 - Laborer <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
154	1,000.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0155 - Welder <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
155	100.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0156 - Welder helper <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
156	100.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0157 - Carpenter <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
157	100.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0158 - Truck Driver <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
158	200.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0159 - Electrician <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
159	80.00	HR		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0160 - Mechanic <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
160	80.00	HR		

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0161 - Unforeseen work-point repair of existing sewer mainlines , force mains, upgrade lift stations. This item shall not be included in the total bid price	
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE
161	1.00	JOB	UNIT PRICE EXTENSION (Quantity times Unit Price)

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0162 - 16 inch Pre-stressed Concrete Cylinder Pipe point repair (0-6 feet deep)	
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE
162	2.00	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0163 - 16 inch Pre-stressed Concrete Cylinder Pipe beyond point repair (0-6 feet deep)	
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE
163	2.00	LF	UNIT PRICE EXTENSION (Quantity times Unit Price)

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0164 - 16 inch Pre-stressed Concrete Cylinder Pipe point repair (beyond 6 feet deep)	
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE
164	2.00	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0165 - 16 inch Pre-stressed Concrete Cylinder Pipe beyond point repair (beyond 6 feet deep)	
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE
165	2.00	LF	UNIT PRICE EXTENSION (Quantity times Unit Price)

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0166 - 18 inch Pre-stressed Concrete Cylinder Pipe point repair (0-6 feet deep)	
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE
166	2.00	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0167 - 18 inch Pre-stressed Concrete Cylinder Pipe beyond point repair (0-6 feet deep)	
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE
167	2.00	LF	UNIT PRICE EXTENSION (Quantity times Unit Price)

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0168 - 18 inch Pre-stressed Concrete Cylinder Pipe point repair (beyond 6 feet deep)	
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE
168	2.00	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)

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LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
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GRETN, LA 70053  
 (Owner to provide name and  
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**TWO (2) YEAR CONTRACT FOR RESTORATION  
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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0169 - 18 inch Pre-stressed Concrete Cylinder Pipe beyond point repair (beyond 6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
169	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0170 - 20 inch Pre-stressed Concrete Cylinder Pipe point repair (0-6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
170	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0171 - 20 inch Pre-stressed Concrete Cylinder Pipe beyond point repair (0-6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
171	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0172 - 20 inch Pre-stressed Concrete Cylinder Pipe point repair (beyond 6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
172	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0173 - 20 inch Pre-stressed Concrete Cylinder Pipe point repair (beyond 6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
173	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0174 - 24 inch Pre-stressed Concrete Cylinder Pipe point repair (0-6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
174	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0175 - 24 inch Pre-stressed Concrete Cylinder Pipe beyond point repair (0-6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
175	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0176 - 24 inch Pre-stressed Concrete Cylinder Pipe point repair (beyond 6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
176	2.00	EA		

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LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
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GRETN, LA 70053  
(Owner to provide name and  
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**TWO (2) YEAR CONTRACT FOR RESTORATION  
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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0177 - 24 inch Pre-stressed Concrete Cylinder Pipe beyond point repair		
	<input type="checkbox"/> Alt.#__	(beyond 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
177	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0178 - 30 inch Pre-stressed Concrete Cylinder Pipe point repair		
	<input type="checkbox"/> Alt.#__	(0-6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
178	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0179 - 30 inch Pre-stressed Concrete Cylinder Pipe beyond point repair		
	<input type="checkbox"/> Alt.#__	(0-6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
179	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0180 - 30 inch Pre-stressed Concrete Cylinder Pipe point repair		
	<input type="checkbox"/> Alt.#__	(beyond 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
180	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0181 - 30 inch Pre-stressed Concrete Cylinder Pipe beyond point repair		
	<input type="checkbox"/> Alt.#__	(beyond 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
181	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0182 - 36 inch Pre-stressed Concrete Cylinder Pipe point repair		
	<input type="checkbox"/> Alt.#__	(0-6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
182	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0183 - 36 inch Pre-stressed Concrete Cylinder Pipe beyond point repair		
	<input type="checkbox"/> Alt.#__	(0-6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
183	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0184 - 36 inch Pre-stressed Concrete Cylinder Pipe point repair		
	<input type="checkbox"/> Alt.#__	(beyond 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
184	2.00	EA		

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TO: JEFFERSON PARISH  
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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0185 - 36 Inch Pre-stressed Concrete Cylinder Pipe beyond point repair (beyond 6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
185	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0186 - 4 to 8 inch force main point repair any material (0-6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
186	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0187 - 4 to 8 inch force main beyond point repair any material (0-6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
187	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0188 - 4 to 8 inch force main point repair any material (beyond 6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
188	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0189 - 4 to 8 inch force main beyond point repair any material (beyond 6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
189	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0190 - 10 to 14 inch force main point repair any material (0-6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
190	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0191 - 10 to 14 inch force main beyond point repair any material (0-6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
191	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0192 - 10 to 14 inch force main point repair any material (beyond 6 feet deep)		
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
192	2.00	EA		

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LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0193 - 10 to 14 inch force main beyond point repair any material (beyond 6 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
193	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0194 - 4 to 8 inch force main point repair with clamp any material (0-6 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
194	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0195 - 4 to 8 inch force main beyond point repair with clamp any material (0-6 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
195	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0196 - 4 to 8 inch force main point repair with clamp any material (beond 6 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
196	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0197 - 4 to 8 inch force main beyond point repair with clamp any material (beyond 6 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
197	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0198 - 10 to 14 inch force main point repair with clamp any material (0-6 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
198	2.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0199 - 10 to 14 inch force main beyond point repair with clamp any material (0-6 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
199	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid	0200 - 10 to 14 inch force main point repair with clamp any material (beyond 6 feet deep)	<input type="checkbox"/> Alt.#__	
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
200	2.00	EA		

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<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0201 - 10 to 14 inch force main beyond point repair with clamp any material <input type="checkbox"/> Alt.#__      (beyond 6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
201	2.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0202 - 4 to 8 inch force main point repair with restrained joints any <input type="checkbox"/> Alt.#__      material (0-6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
202	2.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0203 - 4 to 8 inch force main beyond point repair with restrained joints any <input type="checkbox"/> Alt.#__      material (0-6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
203	2.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0204 - 4 to 8 inch force main point repair with restrained joints any <input type="checkbox"/> Alt.#__      material (beyond 6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
204	2.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0205 - 4 to 8 inch force main beyond point repair with restrained joints any <input type="checkbox"/> Alt.#__      material (beyond 6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
205	2.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0206 - 10 to 14 inch force main point repair with restrained joints any <input type="checkbox"/> Alt.#__      material (0-6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
206	2.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0207 - 10 to 14 inch force main beyond point repair with restrained joints any <input type="checkbox"/> Alt.#__      material (0-6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
207	2.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0208 - 10 to 14 inch force main point repair with restrained joints any <input type="checkbox"/> Alt.#__      material (beyond 6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
208	2.00	EA		

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UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
PURCHASING DEPT  
200 DERBIGNY ST, STE 4400  
GRETN, LA 70053  
 (Owner to provide name and  
 address of owner)

**TWO (2) YEAR CONTRACT FOR RESTORATION  
 OR REPLACEMENT OF SEWER MAINS (GRAVITY  
 OR FORCE) FOR POINT REPAIR FOR JEFFER-  
 SON PARISH DEPARTMENT OF PUBLIC WORKS,**

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

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0209 - 10 to 14 inch force main beyond point repair with restrained joints any material (beyond 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
209	2.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0210 - Install 4 inch diameter emergency pump out (up to 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
210	5.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0211 - Install 4 inch diameter emergency pump out (beyond 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
211	5.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0212 - Install 6 inch diameter emergency pump out (up to 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
212	10.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0213 - Install 6 inch diameter emergency pump out (beyond 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
213	10.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0214 - Install 8 inch diameter emergency pump out (up to 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
214	5.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0215 - Install 8 inch diameter emergency pump out (beyond 6 feet deep)		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
215	5.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__	0216 - Clean wet wells		
<b>REF NO.</b>	<b>QUANTITY</b>	<b>UNIT OF MEASURE</b>	<b>UNIT PRICE</b>	<b>UNIT PRICE EXTENSION (Quantity times Unit Price)</b>
216	25.00	HR		

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

LOUISIANA UNIFORM PUBLIC WORK BID FORM  
UNIT PRICE FORM

Bid# 50-00116631

TO: JEFFERSON PARISH  
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DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0217 - Replace 6 inch pipe by pipe bursting (up to 10 feet deep) <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
217	100.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0218 - Replace 8 inch pipe by pipe bursting (up to 10 feet deep) <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
218	5.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0219 - Replace 10 inch pipe by pipe bursting (beyond 10 feet deep) <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
219	5.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0220 - Replace 6 inch pipe by pipe bursting (beyond 10 feet deep) <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
220	5.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0221 - Replace 8 inch pipe by pipe bursting (beyond 10 feet deep) <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
221	5.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0222 - Replace 10 inch pipe by pipe bursting (Beyond 10 feet deep) <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
222	5.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0223 - Replace 6 inch pipe by pipe bursting beyond initial length <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
223	100.00	LF		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid      0224 - Replace 8 inch pipe by pipe bursting beyond initial length <input type="checkbox"/> Alt. #__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
224	100.00	LF		

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UNIT PRICE FORM

Bid# 50-00116631

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DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0225 - Replace 10 inch pipe by pipe bursting beyond initial length <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
225	500.00	LF		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0226 - Point repair 8 inch to 12 inch drain line by point repair (0 feet to 6 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
226	50.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0227 - Point repair 8 inch to 12 inch drain line beyond point repair (0 feet to 6 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
227	150.00	LF		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0228 - Point repair 8 inch to 12 inch drain line by point repair (6 feet to 8 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
228	30.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0229 - Point repair 8 inch to 12 inch drain line beyond point repair (6 feet to 8 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
229	50.00	LF		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0230 - Point repair 15 inch to 18 inch drain line by point repair (0 feet - 6 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
230	50.00	EA		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0231 - Point repair 15 inch to 18 inch drain line beyond point repair (0 feet - 6 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
231	100.00	LF		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0232 - Point repair 15 inch to 18 inch drain line by point repair (6 feet - 8 feet deep) <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
232	30.00	EA		

Wording for "DESCRIPTION" is to be provided by the Owner.  
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UNIT PRICE FORM

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<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0233 - Point repair 15 inch to 18 inch drain line beyond point repair <input type="checkbox"/> Alt.#__      (6 feet - 8 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
233	50.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0234 - Point repair 21 inch to 24 inch drain line by point repair <input type="checkbox"/> Alt.#__      (0 feet - 6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
234	30.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0235 - Point repair 21 inch to 24 inch drain line beyond point repair <input type="checkbox"/> Alt.#__      (0 feet - 6 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
235	50.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0236 - Point repair 21 inch to 24 inch drain line by point repair <input type="checkbox"/> Alt.#__      (6 foot - 8 foot deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
236	25.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0237 - Point repair 21 inch to 24 inch drain line beyond point repair <input type="checkbox"/> Alt.#__      (6 feet - 8 feet deep)				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
237	50.00	LF		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0238 - Drop inlet, 24 inch x 24 inch open grate with frame, 8 inch brick <input type="checkbox"/> Alt.#__      wall, 8 inch reinforced concrete slab foundation				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
238	25.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0239 - Traffic control device set-up <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
239	10.00	EA		

<b>DESCRIPTION:</b> <input checked="" type="checkbox"/> Base Bid      0240 - Traffic control device operation <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
240	50.00	DY		

Wording for "DESCRIPTION" is to be provided by the Owner.  
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UNIT PRICE FORM

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<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0241 - Site specific traffic control device plan <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
241	10.00	EA		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0242 - Asphalt or Portland Cement Concrete saw cut, per inch depth <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
242	1,000.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0243 - Extension of force main (6-inch bypass pump) <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
243	50.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0244 - Extension of force main (8-inch bypass pump) <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
244	50.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0245 - Extension of force main (10-inch bypass pump) <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
245	50.00	LF		

<b>DESCRIPTION:</b>	<input checked="" type="checkbox"/> Base Bid      0246 - Extension of force main (12-inch bypass pump) <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
246	50.00	LF		

<b>DESCRIPTION:</b>	<input type="checkbox"/> Base Bid <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)

<b>DESCRIPTION:</b>	<input type="checkbox"/> Base Bid <input type="checkbox"/> Alt. #__			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)

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

## **IMPORTANT NOTICE TO ALL BIDDERS – BID REQUIREMENTS**

Vendors may submit electronic bids with no fee for submission by using Central Auction House. Vendors may visit [www.purchasing.jeffparish.net](http://www.purchasing.jeffparish.net) for further information and for link to Central Auction House or visit them directly at [www.jeffparishbids.net](http://www.jeffparishbids.net). By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well as compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, as published on <http://ethics.la.gov> and applicable Jefferson Parish ethical standards.

As per LA R.S. 38:2212(A)(3)(c)(ii), the bid form shall contain Bid Security or Bid Bond, Acknowledgment of Addenda, Base Bid, Alternates, Signature of Bidder, Name, Title and Address of Bidder, Name of Firm or Joint Venture Corporate Resolution or other appropriate signature authorization, if required, Louisiana Contractors License Number, and on public works projects where unit prices are utilized, a section on the bid form where the unit price utilized in the bid shall be set forth; however, unit prices shall not be utilized for the construction of building projects, unless the unit price is incorporated into the base bid or alternates. Other documentation required shall be furnished by the low bidder within ten calendar days after the bid opening. Such documentation shall be supplied as originals (no copies).

All such required information or documentation not provided with the bid must be provided by the low bidder within 10 calendar days after the bid opening (originals only, no copies). Failure to provide said information and documentation within 10 calendar days after bid opening shall be grounds to declare the bid non-responsive. This information and documentation includes, but is not limited to, the Public Works Bid Affidavit, current W-9 Form and Tax Identification number (if currently not registered as a Parish vendor), and proof of insurance. However, the payment and performance bonds must be supplied by the successful bidder upon contract signing.

Louisiana Contractor's License shall be in the following category:

**Municipal & Public Works**

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Probable Construction Cost: \$ 5,000,000.00

Bidder agrees that this bid shall be good and may not be withdrawn for a period of forty-five (45) calendar days after the scheduled closing time for receiving bids. In the event the Owner issues the Letter of Award (copy of adopted resolution awarding bid by Jefferson Parish Council) during this period, the bid accepted shall continue to remain binding until the execution of the Contract.

Attached hereto is the Public Works affidavit which must be provided by the low bidder as an original (not copy) within 10 calendar days after bid opening. This affidavit must be completed, signed and notarized. Failure to do so will cause bid to be rejected.

Low Bidder will execute the formal agreement and will deliver a Performance Bond or Bonds for the faithful performance of the Contract.

Bid Security, in the sum of five percent (5%) of the total bid price (Base Bid and any Alternates), is to become the property of the Owner in the event the successful bidder fails or refuses to execute the Contract or fails to produce performance and payment bonds upon contract signing. If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management

system(s) as indicated in the electronic bid Solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.

Further, upon receiving a notice to proceed, the Bidder agrees that all work shall be completed as follows: AS NOTED IN THE SPECIFICATIONS.

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Further, as per Resolutions 113646 and 113647, the Bidder agrees to pay, as liquidated damages, the sum of N/A as follows for: (1) each consecutive calendar day after the agreed date of completion that the work remains substantially incomplete, or (2) each consecutive calendar day after substantial completion that the work has not been finally completed.

In addition to and not in lieu of the per diem liquidated damages, Owner shall also be entitled to recover from Contractor or Contractor's Surety additional liquidated damages as detailed in Resolutions 113646 and 113647. These additional liquidated damages may include, but are not limited to the following, in the amounts and for each of the items identified in the Supplementary Conditions:

- (1) Extended architectural and/or engineering fees \$ N/A ;
- (2) Extended Resident Project Representative fees \$ N/A ;
- (3) Extended construction management fees \$ N/A ;
- (4) Extended Owner's overhead and personnel expenses \$ N/A ; and
- (5) Owner's other costs directly related to the delay in completion beyond the Contract Times.

In addition to liquidated damages, in accordance with Section 6.02, "Labor; Working Hours," whenever Contractor's work requires inspections in excess of the budgeted amount for inspection, Contractor shall reimburse Owner for the additional costs incurred by the Owner with respect to inspection of the contracted project provided the additional costs for inspections are above the budgeted amount for the contracted project.

For this project, the Project Representative Services, in accordance with the terms of the Engineer's agreement with the Owner, provides that the average hourly rate to be charged for resident inspection for this construction project is \$ N/A and the reasonable budget for such inspections is \$ N/A (the overtime rates shall be \$ N/A per hour). The cost of inspection in excess of this budgeted amount shall be assessed against Contractor's progress payments, all in accordance with LSA R.S. 38:2216(L)(2).

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 this chapter. Every parish contract and every bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program shall contain a statement that the corporation, partnership, or person understands and will abide by all provisions of this chapter.

**SPECIFICATIONS  
JEFFERSON PARISH DEPARTMENT OF SEWERAGE  
SEWERAGE CAPITAL IMPROVEMENTS PROGRAM**

**FOR**

**TWO YEAR CONTRACT FOR RESTORATION OR REPLACEMENT OF  
EXISTING SEWER MAINS (GRAVITY OR FORCE) BY POINT REPAIR**

**GENERAL CONDITIONS/SUMMARY OF WORK**

**PART 1 - General Conditions**

**1.01: Scope of Contract:**

The purpose of this contract is to provide means to perform replacement or restoration of existing sewer mains (gravity or force) by Point Repair, upgrade lift stations, the restoration of roadways, driveways, sidewalks, and ground cover (sod) associated with the work. 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 Point Repairs at various locations on the East and West Banks of Jefferson Parish. All point repairs are intended for both gravity and force mains.

All work under this contract must conform to Jefferson Parish Engineering Department standard detail sheets, which are available at the Jefferson Parish Engineering Department.

Due to the nature of this contract, it may be necessary to make repairs on Emergency 24 hour/seven (7) days a week, nights, week-ends, and holidays. However, there will be no extra compensation for repairs performed during these events. The Contractor must have available two (2) contact employees, one primary and one backup, on a 24-hour basis, to coordinate work initiation. The Contractor must provide communication for the Parish Inspector in the form of a cell phone, or other approved method of communication between the contractor and the Parish Inspector.

The Contractor's State License shall be in the category of Municipal and Public Works Construction.

**1.02: Familiarization with the Work:**

Before bid submittal, each prospective bidder shall familiarize themselves with the work, local labor conditions, and all laws, regulations, and other factors affecting performance of the work. Bidder shall carefully correlate their observations with the requirements of the contract documents, and otherwise be satisfied of the expense and difficulties for performance of the work. The submission of a bid will constitute a representation of compliance by the bidder. There will be no subsequent financial adjustment for lack of such familiarization.

**1.03: Pre-Bid Conference:**

**A MANDATORY Pre-Bid Conference will be held at 10:00 a.m., on June 13, 2016 in the Jefferson Parish Purchasing Department, located at 200 Derbigny Street, Suite 4400, Gretna, LA 70053. All interested parties are invited to attend.** All bidders must attend the Mandatory pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the Mandatory pre-bid conference and shall remain in

attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.

**1.04: Contract term:** The contract term is for two (2) years.

**1.05: Sub-contractors:**

All bidders wishing to use the services of sub-contractors must submit a complete list of all sub-contractors within 10 days after the bid opening date. If no subcontractors will be used, a statement to that effect must be included with the bid. Failure to submit a sub-contractor list within 10 days after the bid opening date will result in bid rejection. This is a mandatory requirement.

**1.06: Jefferson Parish General Specifications:**

The general specifications for these contract documents are the new uniform set of general specifications of Jefferson Parish, under Jefferson Parish Council Resolution No. 113647 adopted December 9, 2009. The resolution containing the new uniform set of general specifications is not reproduced herein. However, bidders shall be presumed to have full knowledge of these general conditions. Copies are, at all times, available with the Clerk of Jefferson Parish Council.

**1.07: Work Scheduling:**

Contractor will agree to commence contract work upon notification pending award by council resolution, prior to signing contract under same terms and conditions of contract documents.

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

After receiving the Work Order the Contractor shall contact the designated Project Manager, to arrange for inspection of the work. No work shall be performed until a starting time has been agreed upon between the Contractor and the Project Manager. The time of completion for each Work Order shall be as stipulated in these specifications. Should an emergency situation interrupt any work in progress, or make it impossible for the Contractor to start work on a Work Order, 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 an emergency, the Parish may stop scheduled work and/or postpone the work to a later date. Additionally, the Parish 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 the designated Project Manager and/or Department of Sewerage personnel. The Contractor shall notify residents (by distribution of fliers, door hangers, etc.) a minimum of 48 hours prior to commencing work on any issued work order by the Parish. 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. Jefferson Parish reserves the right to order the Contractor to dispatch additional personnel and equipment to the job site if, in the opinion of the Project Manager 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, Jefferson Parish may order the Contractor to employ additional crews in order to complete the work on time.

The Project Manager and/or Director of the Department of Sewerage have the right to require the Contractor to remove incompetent employees from the jobsite. In order for there to be proper communication between the Jefferson Parish Engineering Inspector and the contractor, the contractor shall provide radio or cell phone communication equipment to the Inspector for the duration of this contract. The cost shall be incidental to all bid items. This communication equipment shall be used for work related communication, not personal use.

**1.08: Liquidated damages:**

Liquidated damages will be assessed in the amount of \$500 per day if the work order and restoration is not complete within the time frame stipulated in the work order. If the Contractor should fail to complete issued work orders in a timely manner and to the satisfaction of the Parish, liquidated damages will be assessed, and the issuance of additional work orders will be withheld. If Contractor continually fails to perform work to the satisfaction of Jefferson Parish, the Parish reserves the right to terminate the contract, re-advertise, and re-bid the contract.

**1.09: Bonds** Contractor will furnish a performance bond, and labor, material, and payment bond, both in an amount of 50% of the contract price. The cost of the bond premiums will be the responsibility of the Contractor.

**1.10: Retainage** Pursuant to LSA R.S. 38:2248, Owner shall retain the following percentages of each progress payment until payment is due under the terms and conditions governing substantial completion or final payment.

Contract Amount	Retainage
\$0 - \$1,000,000	10%
\$1,000,000 or greater	5%

**1.11** Bids are to be submitted to: Jefferson Parish Purchasing Department  
 Jefferson Parish General Government Building  
 200 Derbigny Street, Suite 4400  
 Gretna, Louisiana 70053

**PART 2 - Execution**

**2.01: Point Repair Standard Lengths**

It is the intent of these specifications to standardize the length of pipe to be replaced on an individual point repair. Therefore, regardless of the pipe diameter, the length of pipe to be replaced on an individual point repair shall be as follows:

Definitions:

Sewer Mainline – A length of conduit, manufactured from various materials and in various lengths, that when jointed together transports wastewater.

Sewer Feeder line – A length of conduits, manufactured from various materials and in various lengths, that when jointed together transports

wastewater to sewer mainlines.

**Sewer Service Lateral** – A length of conduit manufactured from various materials and in various lengths, that when joined together transports wastewater from a residence/business to a sewer Feeder line or a Sewer Mainline.

**Sewer Force Main** – a length of conduit, under pressure, manufactured from various materials and in various lengths, that when joined together transports wastewater from a lift station/pump station to a downstream manhole or lift station.

Depth of Sewer Mainline or Sewer Feeder line    Minimum Length of pipe to be replaced

0 to 8 feet	8 feet
Greater than 8 feet	12 feet

Depth of Sewer Service Lateral    Minimum Length of pipe to be replaced

0 to 8 feet	8 feet
Greater than 8 feet	12 feet

Note: Depth of repair is determined by averaging the invert elevation of the sewer line at the upstream and downstream manholes of the repair.

Depth of Sewer Force Main    Minimum Length of pipe to be replaced

Varies for buried or aerial Force mains	linear footage field verified on a case by case basis
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A **“Point Repair”** is defined as exposing a specific length of sewer line (either sewer main or sewer service lateral – house connection) or drain line, making the necessary repairs, backfilling, and returning the surface area to the condition which existed prior to construction.

It is intended that only one “Point Repair” will be performed at any one location, i.e. if a “Point Repair” is performed on a mainline sewer, at a sewer house connection, the contractor will be responsible for reconnecting the connection to the mainline sewer.

The above also applies if the original point repair is to the sewer house connection. Then, additional footage along the mainline sewer will be paid as “Beyond Point Repair”.

**“Beyond Point Repair”** includes all of the above items of work for repairs beyond the initial point repair lengths.

**2.02: Contractor’s Use of Premises**

If the repair of a sewer service lateral requires the Contractor to enter private property, he shall first receive the permission of the property owner. Prior to the commencement of any work (other than emergency work) the Contractor will distribute a printed notice informing the residents of upcoming work, at least 48 hours in advance of mobilization. The notice will include phone numbers of points of contact, and will be submitted to the Department of Sewerage for approval prior to distribution. This notice may be in the form of a flyer or door hanger.

**2.03: Work Orders**

The Contractor's project superintendent will be required to visit each "point repair" location with the Parish's representative or Inspector, prior to start of work.

The Contractor will be issued a work order to proceed with a "point repair", and at that time be furnished with a description of the work to be done. Work orders will be issued covering specific service areas within the Parish on both East and West Banks.

**2.04: Work Sequence**

The work orders shall be prioritized by the Parish.

The time requirements for the commencement and completion of repair and restoration work ordered are as follows:

	<u>Work to Commence</u>	<u>Repair to be Completed</u>
Emergency Repairs	within 1 hr. of notification	work as required until repair is complete
Priority Repairs	within 24 hrs. of notification	within 5 working days
Non-Priority Repairs	within 10 days of notification	within 30 calendar days

NOTE: Pay requests for work orders shall not be submitted until all repair work and restoration is complete. Any pay requests that include work orders that are not complete (including restoration) will be rejected until all work is complete for the work order. The Emergency Mobilization Cost item is intended to cover any and all compensation for premium time, overtime, etc.

Failure of the Contractor to meet the above specified time constraints will result in the following:

- A. Have the work performed by others and back charged to the Contractor
- OR
- B. Persistent failure of the Contractor to meet the response deadlines (3 occurrences or more) may lead to contract termination. Notification of deficient performance will be by certified mail.
- OR
- C. Liquidated damages in the amount of \$500 per day for each day the work order is not complete within the specified time frame.

The failure of Jefferson Parish to assert a breach for the failure of the Contractor to perform at any time shall not be construed to be a waiver of Jefferson Parish's rights hereunder.

Each work order will designate a work order number and work item number (specific for each address). All correspondence, billing, etc. pertaining to the work shall reference this job number designation.

If, in the opinion of the Owner and Engineer, the Contractor does not diligently proceed with the work, or does not complete restoration within the time limits specified, the issuance of additional work orders will be withheld.

**2.05: Method of Construction**

- A) Prior to beginning construction the contractor shall submit, for approval, the sites to be used for locating office trailers and material storage.
- B) All construction supervisory personnel, including job foreman, will be required to attend the pre-construction conference. The Contractor will be required to designate individual repair crews and designated restoration crews before work orders are issued.
- C) The Contractor shall furnish all labor, materials, equipment, tools, services, and incidentals to complete all work required by these specifications and Jefferson Parish Standard Drawings.

All appurtenances for tie-ins to the existing system (including the re-connecting of sewer service connections), lumber foundation and supports, bedding, sheeting and bracing, dewatering, sand backfill, etc. shall be included in the unit bid price for "Point Repair", unless otherwise specified.

The Contractor will be required to have all equipment and materials on hand prior to commencement of work.

The Contractor will be responsible for the method of excavation (machine, hand, or both) used for the point repair.

When excavating for a sewer repair by point repair, the contractor will be required to load the excavated material directly into dump trucks for disposal. No concrete, asphalt, or excavated material will be allowed to be deposited within the Right-of-Way limits during construction.

- D) The Contractor shall schedule work so that all construction between consecutive manholes is completed prior to beginning work at another location.
- E) All new sewer main repairs and service connections shall be installed at the existing elevations, unless altered in the field by the Project Engineer. The Contractor shall be required to provide an acceptable method for establishing a proper grade for the pipe being replaced.
- F) The Contractor shall isolate the section of sewer where work is being performed by plugging the upstream and downstream manholes. If sewerage builds up to within two feet (2') of the top of the upstream manhole, or if directed by the Project Engineer, the Contractor shall pump the sewerage through a by-pass pumping system to the downstream manhole. All by-pass pumping using **4 inch diameter pumps or smaller**, will be considered incidental to the point repair and will not be considered for direct payment.
- G) The connection of 6 inch through 24 inch pipes of dissimilar material, either in a main line sewer or service connection shall be accomplished by the use of a Fernco Flexible Coupling, or approved equal, with stainless steel shear rings, supported in accordance with manufacturer's details.
- H) All work performed under this Contract shall be done with minimum inconvenience to the users of the sewer system. The Contractor shall coordinate work with private property owners such that sewer service is maintained to all users to the maximum extent possible.
- I) Trench sheeting **will** be used as required by the specifications. This is both a

safety and design requirement.

- J) Temporary asphalt **will** be used when directed at “cuts” in all streets and sidewalks, in lieu of limestone, as determined by field personnel. This asphalt will not be tested. It is understood to be only temporary, and shall be replaced with permanent asphalt or concrete at a later date (minimum compaction time shall be six (6) weeks).
- K) All existing concrete paving, roadway, and sidewalks, shall be removed to the nearest joint. All asphalt paving to be removed shall be “saw cut”. No “spade” cuts will be allowed. Once street “cuts” are prepared for paving they must be completed by the following day. No excavations are to remain open over a weekend or holiday period.
- L) Traffic control signs and barricades around sidewalks, driveways, and roadway cuts must be checked and maintained during weekend or holiday periods, to insure that they remain in place.
- M) Construction crews are to clean the roadway area on a daily basis. The contractor must use the proper water meters when utilizing water from fire hydrants. These meters may be obtained from the Jefferson Parish Department of Water.
- N) The Contractor shall coordinate his operations with all Jefferson Parish Public Works Departments, as may be required. In those instances where a lift station has to be shut down in order to effectively perform a point repair, the Contractor must give a 24-hour notice to the appropriate lift station Superintendent. The Contractor is responsible for having all underground utilities located and marked by the appropriate agencies, at no direct pay. It shall be the sole responsibility of the Contractor to comply with these requirements.  
  
The Contractor is responsible for contacting the Owner’s representative, if during the course of excavation he encounters other sewer lines (i.e. service laterals), and the Owner’s representative will provide direction as to whether other repairs are required.
- O) Should the Contractor’s activities require the complete closure of any roadway, all appropriate Public Works Departments must be notified 24-hours in advance. Should major streets require closure; the Department of Sewerage will require at least ten (10) working days to obtain approved traffic control plans. The Contractor shall be responsible for notifying the Fire Department of any street closures where repairs are being performed.
- P) Upon completion of a “Point Repair” the Contractor shall provide the Engineer with an estimate by bid item of the required restoration work. All restoration work (sidewalk, driveway, roadway replacement, and sod) will be completed within 30 calendar days after the point repair has been completed. Should the Contractor fail to meet these requirements in a continual bias, the Owner will exercise his rights under the General Conditions.
- Q) No construction material will be stored in roadways overnight.

- R) The Contractor shall adhere to Ordinance 21243 dated March 31, 2001 (Preservation of trees and other vegetation on public property).

**2.06: Pipe Condition Inspection and Testing Requirements**

Prior to replacing the pipe in a point repair, the Contractor shall determine the condition of the pipe on both sides of the point repair. This shall be accomplished by lamping the line a minimum of 20 feet in each direction, and report his findings of any defects and/or deficiencies to the Engineer or Owner's Representative. In some instances, it may be necessary to repair an additional length of sewer line beyond the stated "minimum length". Accordingly, if ordered, the additional length of the point repair will be paid by the linear foot of pipe replaced at the applicable "beyond point repair" bid item price.

After completion of each required point repair on a line segment, but prior to backfilling, the repaired section will be isolated by plugging the other sewers in the upstream and downstream manholes. Smoke testing shall then be performed on that section of sewer for a minimum period of 5 minutes in the presence of the Owner's Representative. It is the Contractor's responsibility to notify the Owner's Representative when testing will be performed. Smoke Testing will be accomplished as specified in Section 13000. If after 5 minutes, no smoke emerges from the repaired section, then the repair shall be deemed to have passed the test. If the section of sewer fails the test, the leak shall be repaired and retested as specified. Any repairs required, as a result of a test failure, will be accomplished by the Contractor at no expense to the Owner. Smoke testing after a repair is completed is considered incidental to cost of point repair, no separate payment will be made.

In some instances smoke testing will reveal defects to the sewer line adjacent to where repairs were conducted, and as a result it may become necessary to repair an additional length of sewer line. Accordingly, if ordered, the additional length of the point repair will be paid by the linear foot of pipe replaced at the applicable "beyond point repair" bid item price, if the defect is adjacent to the newly repaired section. However, should smoke testing reveal a defect not adjacent of the repair conducted or the adjacent service lateral to the repair conducted, then any work authorized will be considered a separate point repair.

Cleaning and video inspection of all gravity sewer point repairs shall be conducted a maximum of 10 days following the point repair, at no direct pay, to verify that the point repair was completed properly. The cleaning and video inspection shall be in accordance with the Jefferson Parish Gravity Sanitary Sewer System General Notes – Section A. These are the "Green Sheets" found in the Jefferson Parish Engineering Section.

**SECTION 01015  
EMERGENCY SEWER SYSTEM REPAIRS**

**Part 1 - General:**

**1.01: Scope of work:**

During the course of this Point Repair Contract, it may become necessary for the Owner to order emergency sewer system repair work. The work required, in most instances, will be covered by applicable Point Repair unit price bid items. However, some emergency repair work and portions of point repair work may not be covered by unit price bid items. The exact nature of the emergency work that may be encountered during this contract cannot be established by the Owner beforehand.

**Part 2 - Execution:**

**2.01: Work Order**

The emergency work will be issued to the contractor on a work order as described in General Conditions Section 1.07.

**2.02: Time to Commence and Complete Repairs**

Upon notification of required emergency repairs, the Contractor will commence work within one hour, or as directed by the Owner. Work is to continue by the Contractor as required until the repair is complete (beyond normal working hours if required), or until such time as agreed upon by Owner or Engineer that the emergency repair has reached a stabilized situation, which would allow for work to cease, and recommence for final completion during normal working hours.

**2.03: Time to Complete Restoration**

The area affected by emergency repair operations will be restored within 30 days.

**Part 3 - Payment:**

**3.01: Emergency Mobilization and Demobilization Bid Item**

The emergency mobilization and demobilization bid item will be utilized to compensate the Contractor for the mobilization and demobilization of all necessary labor, equipment, materials, and incidentals to an emergency work site during normal work hours, or when due to sewage flow requirements the work is required to be performed after normal work hours. Normal work hours are defined as 7:00 a.m. - 5:00 p.m. Monday thru Friday. Payment will only be made for emergency mobilization and demobilization when the Contractor is directed to commence work under an emergency work order situation, or as directed by the Engineer.

**3.02: Payment for Repairs and Restoration**

Payment for emergency repairs and required restoration will be made utilizing all applicable unit price bid items. Payment for this work will be included in the authorized contract total amount. It will not require a change in the contract value.

**SECTION 01025  
MEASUREMENT AND PAYMENT**

**Part 1 - General**

Payment for the various items of the Bid Schedule, as further specified herein, shall include all compensation to be received by the Contractor for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor, operations, and incidentals pertinent to the items of work being described, as necessary to complete the various items of work, all in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of compliance with the regulations of public agencies having jurisdiction. The Contractor is hereby informed that no separate payment will be made for any item that is not specifically set forth in the Bid Schedule. Therefore, all costs shall be included in the prices quoted in the Bid Schedule for the various items of work.

All estimated quantities stipulated in the Bid Form or other Contract Documents are approximate and are to be used only:

- (a) As a basis for estimating the probable cost of the work, and
- (b) For the purpose of comparing the bids submitted for the Work. The actual amounts of work done and materials furnished under unit price items may differ from the estimated quantities. The basis of payment for work and materials will be the actual amount of work performed and materials furnished.

**Part 2 - Measurement and Payment**

**2.01: Restore 6-inch Sewer Mainline/Feeder line, or Service Lateral by point repair**  
(Item 1 & 2)

**A. MEASUREMENT:**

Measurement will be by the linear foot of Polyvinyl Chloride (PVC) Pipe and/or Ductile Iron Pipe installed.

**B. PAYMENT:**

The pay length for a 6 inch Sewer Mainline/Feeder line point repair will be based upon the depth of the sewer line. Depth of repair is determined by averaging the invert elevation of the sewer line at the upstream and downstream manholes of the repair. For lines up to 8 feet in depth the pay length shall be 8 linear feet. For depths exceeding 8 feet, the pay length shall be 12 linear feet.

The pay length for a 6-inch Service Lateral Point Repair up to 8 feet in depth will be 8 linear feet. For depths exceeding 8 feet, the pay length shall be 12 linear feet. Exposing and repairing in excess of the specified length for a "Point Repair" of 6-inch mainline/feeder line or service lateral, either PVC or Ductile Iron pipe at the same location shall be paid for under the pay item for "Beyond Point Repair" for each linear foot of repair in excess of the initial specified length paid for as a "Point Repair".

All other costs associated, such as mobilization and demobilization, excavation, foundation lumber, dewatering, sheeting and bracing (which shall be left in place), pipe bedding (as detailed on the plans), furnishing and installation of pipe and fittings, backfilling, removal and disposal of surplus earth and debris from the site of work, traffic control and barricades, and all other items of work associated with "Point Repair" and "Beyond Point Repair" items, are considered incidental to the repair, and will not be considered for separate payment.

**2.02: Restore Main by Point Repair or Beyond Point Repair** (Item 3 through 46 inclusive)

**A. MEASUREMENT:**

Measurement will be by the linear foot of Polyvinyl Chloride (PVC) pipe and/or Ductile Iron Pipe installed.

**B. PAYMENT:**

A "Point Repair" consists of exposing and repairing at any one location a specific length of sewer main. The "Point Repair" includes reconnection of any "Service Lateral", via a tee or wye, along with 2 linear feet of 6 inch pipe. A "Point Repair" of a sewer main up to 8 feet in depth shall be paid for at the specified length of 8 feet. For depths exceeding 8 feet, the pay length shall be 12 linear feet. Each "Point Repair" shall be paid for at the rate determined by depth of repair, applicable size, classification, and pay item.

Exposing and repairing in excess of the initial specified length for a "Point Repair" or "Service Lateral" as determined by depth of repair of sewer main shall be paid under the applicable size, classification and pay item for "Beyond Point Repair" for each linear feet of repair in excess of the initial specified length paid for as a "Point Repair".

All other costs associated with "Point Repair" and "Beyond Point Repair", such as mobilization and demobilization, excavation, dewatering, foundation lumber, sheeting and bracing (which shall be left in place), pipe bedding (as detailed on the plans), furnishing and installing of pipe and fittings, backfilling, removal and disposal of surplus earth and debris from the site of work, traffic control and barricades, and all other items of work associated with "Point Repair" and "Beyond Point Repair" items, are considered incidental to the repair, and will not be considered for separate payment.

There will be no separate compensation for tee or wye connections within the point repair of a sewer main line for Point Repair or Beyond Point Repair. This will be incidental to the point repair.

**2.03: Repair Manhole Line Connection (As Directed)** (Item No. 47)

**A. GENERAL:**

New connections shall be made by removing the existing brick.

**B. MEASUREMENT:**

The measurement for payment of the repair of a sewer line connection to a manhole shall be per each connection made/repaired.

**C. PAYMENT:**

The actual number of manhole connections made/repaired will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidental items necessary for the complete repair of manhole line connections, in accordance with Jefferson Parish Standard Drawings and specifications.

**2.04: Additional Sheeting, Bracing and Foundation Lumber** (As Directed) (Item 48)

**A. MEASUREMENT:**

The measurement for payment for additional sheeting, bracing, and foundation lumber, where not covered by contract requirements, and when directed by the

Engineer will be by the 1000 foot board measure (MFBM) or portion thereof. Measurement will be to the nearest 0.25 MFBM.

**B. PAYMENT:**

Where specific site conditions dictate, and at the discretion and direction of the Engineer, the use of additional sheeting, bracing, and foundation lumber, above that required by the Contract, will be supplied and placed as directed. All sheeting, bracing, and foundation lumber supplied and placed shall be left in place. The actual quantity of additional lumber supplied and placed, will be paid for at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, and materials to perform the work.

**2.05: Additional Granular Material** (Item 49)

**A. MEASUREMENT:**

The measurement for Granular Material will be by the ton.

**B. PAYMENT:**

Where specific site conditions dictate, and at the discretion and direction of the Engineer, the use of additional granular material (pumped river sand), above that specifically required by the Contract, will be supplied and placed as directed. The actual quantity of granular material supplied and placed, when directed by the Engineer will be paid for at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, and materials to perform the work.

**2.06: Additional Limestone** (Item 50)

**A. MEASUREMENT:**

The measurement for Limestone will be by the ton.

**B. PAYMENT:**

Where specific site conditions dictate, and at the discretion and direction of the Engineer, the use of additional limestone, above that specifically required by the Contract, will be supplied and placed as directed. The actual quantity of limestone supplied and placed, when directed by the Engineer, will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, and materials to perform the work.

**2.07: Exploratory Excavation** (Item 51)

**A. MEASUREMENT:**

The measurement for Exploratory Excavation will be by the hour.

**B. PAYMENT:**

Where specific site conditions dictate, exploratory excavation shall be used for determining subsurface conditions. Payment under this item shall also cover all excavation not specifically required by the Contract, and for which no pay item exists. The actual time spent on excavating material, as directed by the Engineer, will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing labor, equipment, and material to excavate and dispose of the excavated material.

**2.08: Remove and Replace Portland Cement Concrete Roadway** (Item 52)

**A. MEASUREMENT:**

The measurement for Removal and Replacement of Portland Cement Concrete Roadway will be by the square yard.

**B. PAYMENT:**

The actual quantity of applicable roadway removed and replaced will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, wire mesh (if required), replacement of signing and striping, and any other incidentals necessary to complete the applicable item of work.

Concrete pavement will be paid for in increments of 1 inch thickness, with minimum thickness of 7 inches, i.e.:

7 inches = 7 x unit bid price

9 inches = 9 x unit bid price

**2.09: Remove and Replace Asphaltic Concrete Roadway (Item 53)**

**Replace and Remove Temporary Asphaltic Concrete Roadway (Item 54)**

**A. MEASUREMENT:**

The measurement for Removal and Replacement of Asphaltic Concrete Roadway, and Placement and Removal of Temporary Asphaltic Concrete Roadway will be by the square yard.

**B. PAYMENT:**

The actual quantity of asphaltic roadway removed and/or replaced will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidentals necessary to complete the item of work. Should the thickness of the existing asphalt pavement exceed the six-inch (6") asphalt concrete minimum thickness required by the standard detail, the Contractor shall match the existing pavement. Payment for the additional thickness satisfactorily placed will be prorated based upon the unit price for this item of work. For each additional inch of thickness satisfactorily placed, the Contractor will be paid an additional one-sixth (1/6) of the unit bid price of the pay item. Temporary Asphaltic Roadway will be two (2) inches thick. Payment for any additional thickness of temporary asphalt will be prorated, based upon the unit bid price for this item of work.

**2.10: Remove and Replace Concrete Curb and Gutter (Item 55)**

**Replace Concrete Curb (Item 56)**

**A. MEASUREMENT:**

The measurement for Removal and Replacement of Concrete Curb and Gutter, and Replace Concrete Curb will be by the linear foot, along the face of the curb.

**B. PAYMENT:**

The actual quantity of concrete curb, gutter, and concrete curb removed and/or replaced will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidentals necessary to complete the item of work, where applicable, including excavation, backfill, expansion joint material, doweling to existing pavement, and other related miscellaneous items, as shown on Jefferson Parish Standard Drawings, and indicated in the specifications.

**2.11: Re-point Existing Sewer Manholes or Wet Well (Item 57)**

**A. MEASUREMENT:**

The measurement for Re-pointing Existing Sewer Manholes or Wet Wells will be by the square foot manhole surface re-pointed.

**B. PAYMENT:**

The actual quantity of manhole grouted, as measured above, will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, material, and incidentals necessary to complete this item of work. Proper surface preparation to include high pressure water cleaning and muriatic acid cleaning, if required, is included in this item of work.

**2.12: Adjusting Manholes** (Item 58)

**A. MEASUREMENT:**

The measurement for Adjusting Manholes will be on a per each basis. Water plug or cementitious material approved by the Project Manager and/or Director of the Department of Sewerage shall be used (no mortar material will be accepted).

**B. PAYMENT:**

The actual number of manholes adjusted will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, and materials necessary for the adjusting of manholes to an elevation established by the Engineer. This adjustment may be either an increase or decrease in the existing manhole casting elevation, and will not exceed one (1) foot in either direction.

**2.13: Sewer Manholes** (Items 59 and 60)

**A. MEASUREMENT:**

The measurement for Sewer Manholes will be by the vertical foot, or portion thereof, from the invert of the deepest line to the top of casting, based on a 4 foot wide manhole (Item 59), and 6 foot wide manhole (Item 60).

**B. PAYMENT:**

The actual quantity of manholes constructed, as measured above, will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidentals necessary to complete the item of work.

**2.14: Slab Sodding** (Item 61)

**A. MEASUREMENT:**

The measurement for Slab Sodding will be by the square yard of finished surface, after all conditions of the Technical Specifications have been met.

**B. PAYMENT:**

The actual quantity of slab sodding satisfactorily placed, as measured above, will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, and materials necessary to complete this item of work.

**2.15: Remove and Replace Concrete Driveways** (Items 62 through 65)

**A. MEASUREMENT:**

The measurement for Removal and Replacement of Concrete Driveways will be by the square yard.

**B. PAYMENT:**

The actual quantity of applicable driveway removed and replaced will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, concrete, materials, wire mesh (if existing or required), saw-cutting, excavation, backfill, expansion joint material, removal and disposal of the existing driveway, placement and removal of a temporary driving surface (temporary asphalt) while final restoration is pending, and any other related items necessary to complete the applicable item of work.

**2.16: Remove and Replace Sidewalks** (Items 66 through 69)

**A. MEASUREMENT:**

The measurement for Removal and Replacement of Sidewalks will be by the square yard.

**B. PAYMENT:**

The actual quantity of applicable sidewalk removed and replaced will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, concrete, bricks or stones, materials, wire mesh (if existing or required), saw-cutting, excavation, backfill, expansion joint material, removal and disposal of the existing sidewalk, placement and removal of a temporary walking surface (temporary asphalt) while final restoration is pending, and any other related items necessary to complete the applicable item of work.

**2.17: Installation of Handicap Access Ramp at Curb/Street Transition** (Item 70)

**A. MEASUREMENT:**

The measurement for the installation of handicap access ramps will be by the square yard of surface area formed and/or tooled, within the limits of ramp and curb transitions.

**B. PAYMENT:**

The actual surface area of sidewalk/curb formed and tooled to meet all applicable regulatory requirements will be paid at the unit bid price. The bid price shall include all labor and any materials or special tools/forms to complete the work in accordance with all regulatory requirements. NOTE: This bid item is intended to compensate for the extra labor involved in forming access ramps. This item does not include the cost for concrete replacement (for sidewalk and curb). Those items will be paid for under the respective applicable bid items.

**2.18: Installation of Sewer Cleanouts TYPE 1** (Item 71)

**A. MEASUREMENT:**

The measurement for installation of TYPE 1 sewer cleanout, will be on a per each basis.

**B. PAYMENT:**

The actual number of sewer cleanouts installed will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidental items necessary for the installation of sewer cleanouts, in complete accordance with Jefferson Parish Standard Drawings and specifications.

**2.19: Installation of Riser from Sewer Mainline to Sewer Service Lateral** (Item 72)

**A. MEASUREMENT:**

The measurement for installation of riser for sewer service laterals will be by the linear foot basis of riser installed, utilizing new material, unless otherwise noted.

**B. PAYMENT:**

The actual footage of riser for sewer service laterals installed will be paid at the unit bid price – over, and above price for sewer line restoration. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidental items necessary for the installation of riser for sewer house connection, in complete accordance with Jefferson Parish Standard Drawings and specifications.

**2.20: Smoke Testing** (Item 73)

**A. MEASUREMENT:**

The measurement for smoke testing will be per linear foot of sewer line smoke tested.

**B. PAYMENT:**

The actual length of sewer line from manhole to manhole will be paid at the unit bid price per linear foot. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidental items necessary for the smoke testing of the sewer line, as directed by the Engineer.

**2.21 Emergency Mobilization and Demobilization** (Item 74)

**A. MEASUREMENT:**

The measurement for Emergency Mobilization and Demobilization will be on an incurred basis, by the actual number of emergency mobilizations and demobilizations required (one per each emergency work order issued).

**B. PAYMENT:**

The emergency mobilization and demobilization of all necessary labor, equipment, materials, and incidentals to an emergency work site as measured above will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidental items necessary to secure the existing work site prior to mobilization to an emergency work site, and demobilization from the worksite. Payment will be made only for emergency mobilization and demobilization when directed by emergency work order by the Owner and/or Engineer.

**2.22: Set-up By-Pass Pumps** (Items 75 through 78) **and Operations of By-Pass Pumps** (Items 79 through 90)

**A. MEASUREMENT:**

Separate measurement will be made for set-up and operation of by-pass pumps. These items are in addition to the minimum by-pass pumping requirements of other bid items, and will only be allowed upon prior approval of the Project Manager and/or Director of the Department of Sewerage. Each set-up will be measured separately; will be made for each by-pass pump set up and subsequent removal; and, shall include all level controls; installation of up to 100 feet of discharge force main; up to 60 feet of suction piping; and, a full tank of fuel.

If additional force main is required to reach the designated discharge point, this additional force main will be measured by the linear foot, and be paid for at the

appropriate "Extension of Force Main" pay item for the pump size (Item Nos. 243 through 246).

Operation of by-pass pumps will be measured for the operation of each size of by-pass pump bid, and will be paid in accordance with the following schedule:

- 1 Day (DY) = 24 hours
- 1 Week (WK) = 3 days through 7 days
- 1 Month (MO) = 3 weeks; 21 days through 31 days

**B. PAYMENT:**

Payment for set-up of the by-pass pumps will be at the unit price bid per each, for each size required. This item will only be used for pumping beyond the minimum requirements of other bid items. Payment for operation of each size pump shall be at the daily, weekly, or monthly unit bid prices. Payment for operation of by-pass pumping will constitute full payment for the day to day operation of each pump, including fueling and daily checks on operation. Payment for extension of force main shall be per linear foot, as measured above.

**2.23: Setup (Item Nos. 91 through 94) and Rental of Standby By-Pass Pump (Item Nos. 95 through 106)**

**A. MEASUREMENT:**

Separate measurement will be made for set-up and rental of standby by-pass pumps. These items will be used at the discretion of the Project Manager and/or Director of the Department of Sewerage for setup and rental of standby bypass pumps. These pumps will not operate at the site unless all other pumps fail at the station. If the pump begins to operate due to a failure at the station, measurement for payment will be made under operation of by-pass pump. Each set-up will be measured separately, and will be made for each standby by-pass pump set up, subsequent removal. This shall include all level controls, installation of up to 100 feet of discharge force main, up to 60 feet of suction piping, and a full tank of fuel. If additional force main is required to reach the designated discharge point, this additional force main will be measured by the linear foot and be paid for at the appropriate "Extension of Force Main" pay item for the pump size (Item Nos 243 through 246).

Rental of standby by-pass pumps will be measured by the size of by-pass pump bid and will be paid in accordance with the following schedule:

- 1 Day (DY) = 24 hours
- 1 Week (WK) = 3 days through 7 days
- 1 Month (MO) = 3 weeks; 21 days through 31 days

**B. PAYMENT:**

Payment for set-up of the standby by-pass pumps will be at the unit bid price per each, for each size required. Payment for rental of each standby size pump shall be at the daily, weekly, or monthly unit bid prices. Payment for rental of standby by-pass pumps will constitute full payment for renting each pump, including one full tank of fuel. The standby pumps will not operate unless all other pumps fail at the station. If the pump begins to operate due to a failure at the station, payment will be made under operation of bypass pumps. Payment for extension of force main, if required,

shall be per linear foot, as measured above.

**2.24: Utility Conflict Manhole up to 3 foot depth** (Item 107)

**A. MEASUREMENT:**

The measurement for installation of utility conflict manhole will be on a per each basis of actual number installed.

**B. PAYMENT:**

The actual number of utility conflict manholes installed will be paid for at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidental items necessary for the installation of utility conflict manholes, in complete accordance with Jefferson Parish Standard Drawings and specifications.

**2.25: Additional Vertical Foot Height of Conflict Manhole above 3 feet depth** (Item 108)

**A. MEASUREMENT:**

The measurement for additional vertical foot height of conflict manhole above 3 feet depth will be by the vertical foot of conflict manhole installed greater than 3 feet depth, as required by Item No. 108.

**B. PAYMENT:**

The actual quantity of conflict manhole installed, as measured above, (greater than 3 feet depth) will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidental items necessary for the installation of utility conflict manhole, in complete accordance with Jefferson Parish Standard Drawings and specifications.

**2.26: Utility Conflict Box up to 5 feet depth** (Item 109)

**A. MEASUREMENT:**

The measurement for installation of utility conflict box will be on a per each basis of actual number installed.

**B. PAYMENT:**

The actual number of utility conflict boxes installed will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidental items necessary for the installation of utility conflict box, in complete accordance with Jefferson Parish Standard Drawings and specifications.

**2.27: Additional Vertical Foot Height of Conflict Box above 5 feet depth** (Item 110)

**A. MEASUREMENT:**

The measurement for additional vertical foot height of conflict box above 5 feet depth will be by the vertical foot of conflict box installed greater than 5 feet depth, as required by Item No. 110.

**B. PAYMENT:**

The actual quantity of conflict box installed, as measured above, (greater than 5 feet depth) will be paid for at the unit bid price. This price bid and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidental items necessary for the installation of utility conflict box, in complete accordance with Jefferson Parish Standard Drawings and specifications.

**2.28: Furnish and Install Restrained Joint Force Main Pipe** (Items 111 through 120)

**A. MEASUREMENT:**

Force main pipe of any material in the various sizes required in these specifications when furnished and installed, excavated and backfilled, tested and accepted, will be measured for payment by the Engineer. Measurement for length will be along the centerline of pipe. Such price shall include labor, materials, and equipment to furnish a complete and accepted repair by the Owner. Removal of all abandoned pipe and debris shall be included in the bid price.

**B. PAYMENT:**

Payment for furnishing and installing the various materials and sizes of force main pipe under this section will be made on a linear foot of pipe installed and accepted to provide for satisfactory repair. All lumber, bedding material, excavation, concrete blocking, as required, and testing shall be included in the bid price per linear foot for the required various force main diameters.

**2.29: Inserting of "Tee" for service lateral in 8 inch and above mainline sewer**  
(Items 121 through 122)

**A. MEASUREMENT:**

Measurement for payment for the insertion of a "Tee" in the mainline sewer will include all labor, materials, and equipment for its proper installation.

**B. PAYMENT:**

This item of work is intended to compensate the contractor for the installation of "Tee" when a new sewer service lateral is installed. It will include up to ten (10) linear feet of the sewer service lateral and ten (10) linear feet of mainline. Payment will be made per each "Tee".

Note – These items will not apply when a tee or wye connection is encountered while a mainline point repair is being performed. These items will only be used for installation of a new service lateral.

**2.30: Class 5 Modified 40 Foot Long Treated Piling:** (Item 123)

**A. MEASUREMENT:**

Measurement will be by per piling.

**B. PAYMENT:**

The actual number of Class 5 Modified 40 foot long treated piling will vary from site to site. Piling may be used at the discretion of the engineer in the rehab of sewer lift station wet wells and dry pits. Top elevation of piling for a wet well will be between 21 feet and 24 feet below the top of the existing ground elevation. Dry pit top of piling elevation will be between 8 feet and 12 feet from the existing ground elevation. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, mobilization and demobilization, and incidental items necessary for the installation of the piling.

**2.31: Wet Well and Dry Pit Concrete Foundations:** (Item 124)

**A. MEASUREMENT:**

The measurement for installation of concrete wet well foundation will be paid by the cubic yard of concrete used to complete the wet well and/or dry pit foundation.

**B. PAYMENT:**

The actual quantity of concrete placed will be paid at the unit bid price per cubic yard. This price and payment will constitute full compensation for furnishing all labor, equipment, forming materials, concrete, rebar, stone base (2 foot min.), and incidental items necessary for the installation of the concrete foundation for wet well and/or dry pit foundations. Foundations will consist of 4000 psi concrete with three (3) mats of No. 6 rebar at 12 inches on center each way, with No. 4 spacer bars at 18 inches in length, and other related items, in complete compliance with Standard Drawings. (For a 8 foot diameter well or pit, the foundation should be 10 feet, 6 inches square, by 2 feet thick.)

**2.32: Fiberglass Wet Well and/or Dry Pit Installation:** (Items 125 through 132)

**A. MEASUREMENT:**

The measurement for installation of either, or both a fiberglass wet well and/or dry pit, will be paid by the vertical foot used to complete the installation of the well and/or pit.

**B. PAYMENT:**

The actual quantity of well or pit placed will be paid at the unit bid price per vertical foot. This price and payment will constitute full compensation for furnishing all labor, equipment, fiberglass wet well and/or dry pit, sheeting (steel or other), rebar hold downs (anti-flotation), excavation, pumps (dewatering), and compacted back fill.

**2.33: Wet Well and Dry Pit Concrete Top Cover with Hatch:** (Item 133)

**A. MEASUREMENT:**

The measurement for installation of concrete top cover with OWNER provided stainless steel or aluminum hatches will be paid by the cubic yard of concrete used to complete the wet well and/or dry pit top cover.

**B. PAYMENT:**

The actual quantity of concrete placed will be paid at the unit bid price per cubic yard. This price and payment will constitute full compensation for furnishing all labor, equipment, forming materials, concrete, rebar, stainless steel or aluminum hatches (one per wet well and one per dry pit), and incidental items necessary for the installation of the concrete top cover for wet well and/or dry pit. Concrete top cover will consist of 4000 psi concrete, with No. 5 bars at 8 inches on center each way, top and bottom, steel hatch access opening traffic rated, and other related items in complete compliance with Standard Drawings. (For a 8 foot diameter well/pit top, the cover should be 10 feet, by 10 feet, by 1 foot thick.) This item is for concrete work and installation of OWNER supplied hatch.

**2.34: Unforeseen Emergencies** (Items 134 through 160)

**A. MEASUREMENT:**

Measurement for unforeseen emergency work will be made on an as incurred basis for bid items 134 thru 161. The cost of materials used in the performance of emergency work, if not otherwise covered by existing bid items, or supplied by Jefferson Parish, will be measured and paid for at the actual invoice cost, without any marks-ups. These third party invoices shall be included in the contractor's billing invoice for payment. The cost of any incidental drayage between the local supplier and the job site will not be considered for pay.

**B. PAYMENT:**

Payment will be made only when directed by the Parish to make repair or repairs not specifically covered by items contained elsewhere in this proposal. Payment shall

include furnishing all labor, equipment, and materials needed to accomplish the directed emergency work. Payment will be made in accordance with the hourly or daily bid rate for labor and equipment items 134 thru 160, in addition, to the standard bid items 1-133 and 162 through 246. The additional bid items 134 thru 160 are to be quoted for unforeseen emergencies. Equipment rated for bid (equipment only) for unforeseen emergency work cannot exceed the AED green book rates, as follows: Day Rate = AED weekly rate.

The hourly rate will be determined by dividing the daily rate by 10.

- C. **The unit bid price** per day for "Small Tools", bid item no. 142, shall include the cost to supply, maintain, operate, and any other item associated with the use of any and all miscellaneous hand tools or other tools not covered by other bid items.

**2.35: Pre-stressed Concrete Cylinder Pipe Point Repair and Beyond Point Repair**  
(Items 162 through 185)

**A. MEASUREMENT:**

Upon notification, the Contractor shall mobilize to the site and excavate the force main to determine the extent of the problem. The initial point repair shall consist of the replacement of one 20 foot length of pipe, or 2 shorts, with one joint that does not exceed the 20 foot initial length. Length above the initial 20 foot point repair shall be replacement beyond point repair, as directed by the Jefferson Parish Department of Sewerage.

The repair shall be made with either PVC (c-900 or Blue Brute) or Ductile Iron Pipe (Class 54), pipe adapters supplied by Price Brothers, Mechanical Joint Ductile Iron pipe sleeves at the diameter of the pipe being repaired.

**B. PAYMENT:**

The bid price for PCCP Point Repairs and Beyond Point Repairs shall include all labor, equipment, and material required to remove and replace one or more lengths of Price Brothers pipe under bid item nos. 162 through 185. Upon removal of the defective pipe, and before installing the new pipe material, the Contractor shall allow the Jefferson Parish Department of Sewerage to televise both line segments. The initial mobilization/demobilization will be paid for under Item No. 74 "Emergency mobilization/demobilization". Any sheeting required shall be paid for under Item No. 48 "Additional sheeting, Bracing". Backfill shall be paid for under Item No. 49 "Additional Granular Material". Exploratory excavation shall be paid for under Item No. 51 "Exploratory Excavation".

Pipe trench dimensions for payment shall be as follows:

Length – 20 feet plus 10 feet  
Width – pipe diameter plus 6 feet

**2.36: Force Main Point Repair and Beyond Point Repair Any Material** (Items 186 through 193)

**A. MEASUREMENT:**

Upon notification, the Contractor shall mobilize to the site and excavate the force main to determine the extent of the problem. The initial point repair shall consist of the replacement of one 20 foot length of pipe, or 2 shorts with one joint that does not exceed the 20 foot initial length. Length above the initial 20 foot point repair shall be replacement beyond point repair, as directed by the Jefferson Parish Department of Sewerage.

The repair shall be made with either PVC (c-900 or Blue Brute), or Ductile Iron Pipe (Class 54), pipe adapters, Mechanical Joint Ductile Iron pipe sleeves, at the diameter of the pipe being repaired.

**B. PAYMENT:**

The bid price Point Repairs and Beyond Point Repairs Any Material shall include all labor, equipment, and material required to remove and replace one or more lengths of force main pipe under bid item nos. 186 through 193. Upon removal of the defective pipe, and before installing the new pipe material, the Contractor shall allow the Jefferson Parish Department of Sewerage to televise both line segments. The initial mobilization/demobilization will be paid for under Item No. 74 "Emergency mobilization/demobilization". Any sheeting required shall be paid for under Item No. 48 "Additional sheeting, Bracing". Backfill shall be paid for under Item No. 49 "Additional Granular Material". Exploratory excavation shall be paid for under Item No. 51 "Exploratory Excavation".

Pipe trench dimensions for payment shall be as follows:  
Length – 20 feet plus 10 feet  
Width – pipe diameter plus 6 feet

**2.37: Force Main Repair with Clamp** (Items 194 through 201)

**A. MEASUREMENT:**

Upon notification, the Contractor shall mobilize to the site and excavate the force main to determine the extent of the problem. The initial point repair shall consist of the replacement of one 20 foot length of pipe, or 2 shorts with one joint that does not exceed the 20 foot initial length. Length above the initial 20 foot point repair shall be replacement beyond point repair, as directed by the Jefferson Parish Department of Sewerage.

The repair shall be made with either PVC (c-900 or Blue Brute) or Ductile Iron Pipe (Class 54), pipe clamps, Mechanical Joint Ductile Iron pipe sleeves, at the diameter of the pipe being repaired.

**B. PAYMENT:**

The bid price for Force Main Point Repairs and Beyond Point Repairs with Clamp shall include all labor, equipment, and material required to remove and replace one or more lengths of Force Main pipe under bid item nos. 194 through 201. Upon removal of the defective pipe, and before installing the new pipe material, the Contractor shall allow the Jefferson Parish Department of Sewerage to televise both line segments. The initial mobilization/demobilization will be paid for under Item No. 74 "Emergency mobilization/demobilization". Any sheeting required shall be paid for under Item No. 48 "Additional Sheeting, Bracing". Backfill shall be paid for under Item No. 49 "Additional Granular Material". Exploratory excavation shall be paid for under Item No. 51 "Exploratory Excavation".

Pipe trench dimensions for payment shall be as follows:  
Length – 20 feet plus 10 feet  
Width – pipe diameter plus 6 feet

**2.38: Force Main Repair with Restrained Joints** (Items 202 through 209)

**A. MEASUREMENT:**

Upon notification, the Contractor shall mobilize to the site and excavate the force main to determine the extent of the problem. The initial point repair shall consist of

the replacement of one 20 foot length of pipe, or 2 shorts with one joint that does not exceed the 20 foot initial length. Length above the initial 20 foot point repair shall be replacement beyond point repair, as directed by the Jefferson Parish Department of Sewerage.

The repair shall be made with either PVC (c-900 or Blue Brute), or Ductile Iron Pipe (Class 54), joint restrainers, Mechanical Joint Ductile Iron pipe sleeves, at the diameter of the pipe being repaired.

**B. PAYMENT:**

The bid price for Force Main Point Repairs and Beyond Point Repairs with Restrained Joints shall include all labor, equipment, and material required to remove and replace one or more lengths of Force Main pipe under bid item nos. 202 through 209. Upon removal of the defective pipe, and before installing the new pipe material, the Contractor shall allow the Jefferson Parish Department of Sewerage to televise both line segments. The initial mobilization/demobilization will be paid for under Item No. 74 "Emergency mobilization/demobilization". Any sheeting required shall be paid for under Item No. 48 "Additional Sheeting, Bracing". Backfill shall be paid for under Item No. 49 "Additional Granular Material". Exploratory excavation shall be paid for under Item No. 51 "Exploratory Excavation".

Pipe trench dimensions for payment shall be as follows:  
Length – 20 feet plus 10 feet  
Width – pipe diameter plus 6 feet

**2.39: Emergency Pump Out:** (Items 210 through 215)

**A. MEASUREMENT:**

Measurement for the installation of emergency pump outs shall be per each installed, in accordance with the details. This shall include all labor, materials, and equipment required for proper installation.

**B. PAYMENT:**

Payment shall be made at the unit bid price per each under items 210 through 215. All work to restore surface features shall be included in the bid price.

**2.40: Clean Wet Well:** (Item 216)

**A. MEASUREMENT:**

Measurement for cleaning wet wells will be per hour required to complete the task, as specified in each individual work order. A two hour minimum will be allowed for each task.

**B. PAYMENT:**

Payment for cleaning wet wells shall be made at the unit bid price per hour under item 216. This shall constitute complete compensation for all labor, materials, and equipment required to complete the work. This shall include disposal of any and all debris removed, and all costs of compliance with regulations of public agencies having jurisdiction.

**2.41: Replace Pipe by Pipe Bursting:** (Items 217 through 225)

**A. MEASUREMENT:**

Measurement shall be per each pipe section replaced, up to 30 linear feet. This will include all materials, labor, and equipment, and the cost of insertion and retrieval pits. All pipe replaced in excess of 30 feet shall be measured per linear foot.

**B. PAYMENT:**

Payment shall be made at the unit bid price per each under items 217 through 225.

**2.42: Restore Main Drain Line by Point Repair or Beyond Point Repair** (Items 226 through 237)

**A. MEASUREMENT:**

Measurement will be by each Reinforced Concrete (RCP) Pipe, Polyvinyl Chloride (PVC) Pipe and/or Corrugated Metal (CMP) Pipe installed for "Point Repair".

Measurement will be by linear foot of Reinforced Concrete (RCP) Pipe, Polyvinyl Chloride (PVC) Pipe and/or Corrugated Metal (CMP) Pipe installed for "Beyond Point Repair".

**B. PAYMENT:**

A "Point Repair" shall consist of exposing and repairing at any one location a specific length of drainage main. A "Point Repair" of a main shall be paid for per each at the specified length of 8 feet. Each "Point Repair" shall be paid for at the rate as determined by depth of repair and applicable size, classification, and pay item.

Exposing and repairing in excess of the initial specified length for a "Point Repair", as determined by depth of repair of drainage main shall be paid under the applicable size, classification, and pay item for "Beyond Point Repair" for each linear foot of repair, in excess of the initial specified length paid for as a "Point Repair".

All other costs associated with "Point Repair" and "Beyond Point Repair", such as mobilization and demobilization, excavation, dewatering, foundation lumber, sheeting and bracing (which shall be left in place), pipe bedding (as detailed on the plans), furnishing and installation of pipe, backfilling, removal and disposal of surplus earth and debris from the site of work, traffic control and barricades, and all other items of work associated with a "Point Repair" and "Beyond Point Repair" item, are considered incidental to the repair and will not be considered for separate payment.

Note – These items will be used when a conflict is encountered while repairing a sewer mainline. They will also be used as standalone items not related to a sewer point repair.

**2.43: Drop Inlet with Grate Frame, 8-inch Brick Wall, 8-inch Reinforced Concrete Slab Foundation** (Item 238)

**A. MEASUREMENT:**

The measurement for drop inlets will be per each.

**B. PAYMENT:**

The actual quantity of drop inlets constructed, as measured above, will be paid at the unit bid price. This price and payment will constitute full compensation for furnishing all labor, equipment, materials, and incidentals necessary to complete the item of work, in accordance with Jefferson Parish Standard Drawings and specifications.

**2.44: Traffic Control Device Set-Up** (Item 239)

**A. MEASUREMENT:**

Measurement for payment of each set-up shall be made on a per each basis for each location, as directed by the Project Manager or Director of the Department of Sewerage.

**B. Payment:**

Payment for completing each Traffic Control Device Set-up shall be made at the unit bid price per each. This set-up shall be in accordance with the Site Specific Traffic Control Device Plan, previously approved by the Project Manager or Director of the Department of Sewerage.

**2.45: Traffic Control Device Operation (Item 240)**

**A. MEASUREMENT:**

Measurement for payment shall be made on a "per day" basis. A day shall be considered 24 continuous hours of operation. This shall be used only as directed by the Project Manager or Director of the Department of Sewerage.

**B. PAYMENT:**

Payment for each "day" of operation shall be considered full compensation for maintaining the approved traffic control device plan. Maintenance shall include all necessary labor, equipment, materials, traffic engineering services, as required, and other incidentals, as required. Payment for each fraction of a day will be made as follows:

- Payment for operation over 12 hours, up to 24 hours will be considered a full day.
- Payment for 1 to 12 hours will be considered a half day.

**2.46: Site Specific Traffic Control Device Plan (Item 241)**

**A. MEASUREMENT:**

Measurement for payment for development of each plan shall be made on a per each basis for each location, as directed by the Project Manager or Director of the Department of Sewerage.

**B. PAYMENT:**

Payment for developing the Site Specific Traffic Control Device Plan, in accordance with the requirements of the specifications shall be made at the unit bid price per each.

The unit price shall be considered full compensation for this item. It shall include all labor, materials, Engineering Services, and any other services required for development of the Plan.

**2.47: Asphalt or Portland Cement Concrete Saw Cut Per Inch Depth (Item 242)**

**A. MEASUREMENT AND PAYMENT:**

Machine saw cuts in concrete/asphalt shall be paid for by linear foot of cut (per inch of depth). The depths shall be pre-approved by parish representatives and measured in the field.

Items 243-246 – See section 2.22.

**SECTION 01060  
REGULATORY REQUIREMENTS**

**Part 1 - General**

**1.01**

The Contractor shall be responsible for obtaining any necessary licenses and permits, and/or complying with any applicable Federal, State, and Municipal laws, codes, and regulations, in connection with the completion of the work, as well as applicable fees, without additional expense to the Owner. This shall include any fees for locating underground utilities by either the utility company or any other service. All work performed under this contract shall be in accordance with the appropriate section of the LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (2006 Edition and its latest revision), as well as all Jefferson Parish Department of Engineering directives and guidelines.

The Contractor shall take proper safety and health precautions to protect the work, workers, the Public, and the Property of others. The Contractor will be responsible for all materials delivered. The Owner will not provide any temporary storage facility or staging area for materials and/or equipment. All coordination and permissions to store equipment and/or materials must be made by the Contractor.

**Part 2 - Measurement and Payment**

Compliance with regulatory requirements is considered incidental to the work. No separate measurement and payment will be made.

**SECTION 01152  
REQUEST FOR PAYMENT**

**Part 1 - General**

**1.01: Requirements Included**

Submit applications for payment to Engineer/Assistant Director and Rehab Manager, in accordance with the schedule established by Conditions of the Contract and Agreement between Owner and Contractor.

**1.02: Format and Data Required**

- A. Submit payment requests in the form required by the Owner, with itemized data typed on 8-1/2" x 11" white paper sheets.
- B. Provide itemized data on continuation sheet. In spreadsheet form indicate bid items as shown on bid form, quantity billed for currently, total quantity used to date, and current cost, as well as cost to date.
- C. Provide summary of Bid Items by Work Order number.

**1.03: Substantiating Data for Progress Payments**

- A. When the Owner or the Engineer require substantiating data, Contractor shall submit suitable information, with a cover letter.
- B. Submit one copy of data and cover letter for each copy of application.

**1.04: Preparation of Application for Retainage Payment**

- A. Upon completion of the project, a Final Acceptance Resolution will be brought before the Jefferson Parish Council.
- B. The Contractor will then file the Final Acceptance Resolution and apply for a Clear Lien and Privilege Certificate with the Clerk of Court. Upon receiving the Clear Lien and Privilege Certificate, the Contractor can request payment of the retainage withheld during the course of the contract.
- C. Fill in application form as specified for progress payments.

**1.05: Submittal Procedure**

- A. Submit Applications for approval to the Engineer
- B. Number: Original and two (2) copies of each Application and attachments.
- C. When Engineer finds Application properly completed and correct, he will transmit certificate for payment to Owner, with copy of the transmittal letter to Contractor.

**SECTION 01340  
SHOP DRAWINGS, PRODUCT DATA & SAMPLES**

**Part 1 - General**

**1.01: Description of Requirements**

- A. Type of Submittals. This Section of the Specification describes the procedures for submittal requirements applicable to work-related Submittals, such as shop drawings, product data, samples, and miscellaneous work-related Submittals. It does not include the requirements for administrative Submittals that are described in other sections.
- B. Individual Section Requirements. The individual submittals required are specified in other Sections of the Specifications for each unit of work.
- C. Definitions. The work-related Submittals of this Section, in addition to the definitions of the General Conditions and elsewhere in the Contract Documents, are further categorized for convenience, as follows:
  - 1. Shop drawings include specially prepared technical data of all forms, including drawings, diagrams, performance curves, data sheets, schedules, templates, patterns, reports, calculations, instructions, measurements, and similar information not in standard printed form for application to more than one project.
  - 2. Product data includes standard printed information on materials, products, and systems, not specially prepared for this project, other than the designation of selections from among available choices printed therein.
  - 3. Samples include both fabricated and un-fabricated physical examples of materials, products, and units of work, both as complete units, and as smaller portions of units of work, either for limited visual inspection or (where indicated) for more detailed testing and analysis.
  - 4. Miscellaneous Submittal related directly to the work (non-administrative) include warranties, maintenance agreements, workmanship bonds, project photographs, survey data and reports, physical work records, statements of applicability, quality testing and certifying reports, copies of industry standards record drawings, field measurement data, operating and maintenance material, overrun stock, security, protection, safety keys and similar information, devices and materials applicable to the work, and not processed as shop drawings, and product data or samples. In addition to the above requirements, the Contractor shall submit in writing to the Engineer his proposed excavation plan prior to beginning any excavation operations.

**1.02: General Submittal Requirements**

- A. Scheduling. Where appropriate, in various required administrative Submittals (listings of products, manufacturers, suppliers and subcontractors, and in job progress schedule), show principal work-related submittal requirements and time schedules, for coordination and integration of submittal activity with related work in each instance.
- B. Coordination of Submittal Times. Prepare and transmit each submittal to the Engineer sufficiently in advance of performing related work or other applicable activities, so the installation will not be delayed or improperly sequenced by

processing times, including non-approval and re-submittal (if required). Coordinate with other Submittals, testing, purchasing, delivery, and similarly sequenced activities. No extension of time will be authorized because of Contractor's failure to resubmit Submittals to the Engineer sufficiently in advance of the work.

- C. Sequencing Requirements. As applicable in each instance, Contractor shall not proceed with a unit of work until submittal procedures have been sequenced with related units of work, in a manner which will ensure that the action will not need to be later notified or rescinded by reason of a subsequent submittal, which should have been processed earlier, or concurrently for coordination.
- D. Preparation of Submittals. Provide permanent marking on each submittal to identify project, date, Contractor, Subcontractor, submittal name, and similar information to distinguish it from other Submittals. Show Contractor's executed review and approval marking, and provide space for the engineer's "Action" marking. Package each submittal appropriately for transmittal and handling. Submittals which are received from sources other than through the Contractor's office will be returned "without action".
- E. Transmittal Form. The attached transmittal form shall be used to transmit Submittals. Submittals received without this submittal form will be returned to the Contractor without action.
- F. Transmittal Identification.
  - 1. Transmittals shall be numbered in sequence for each Division of the Specification. The number after the dash indicates the Section of the Specifications, and the number before the dash is the sequence number of the transmittal (1-3 would be the first transmittal applicable to Section 3 of the Specifications. 2-3 would be the second transmittal for Section 3, etc.)
  - 2. Re-submittals shall be identified with a letter of the alphabet following the original number, using A for the first re-submittal, B for the second re-submittal, etc. A re-submittal affecting transmittal 1-3 would then be numbered 1A-3. The number 1-3 would then be entered in the space "Previous Transmittal Number", which is left blank (except on re-submittals).

### **1.03: Specific Category Requirements**

- A. General. Except as otherwise indicated in the individual work sections, Contractor shall comply with general requirements specified herein for each indicated category of submittal. Submittals shall contain the following:
  - 1. The date of submittal and the dates of any previous submittal.
  - 2. The Project title and number.
  - 3. Contract identification
  - 4. The names of the:
    - a. Contractor
    - b. Supplier
    - c. Manufacturer
  - 5. Identification of the product, with the Specification Section number and equipment tag numbers.
  - 6. Field dimensions, clearly identified as such.
  - 7. Relation to adjacent or critical features of the work or materials
  - 8. Applicable standards, such as ASTM or Federal Specification numbers
  - 9. Notification to the Engineer in writing, at time of submission, of

- any deviations in the Submittals from requirements of the Contract Documents.
10. Identification of revisions on re-submittals.
  11. An 8 inch x 3 inch blank space for Contractor and Engineer stamps
  12. Contractor's stamp, initialed or signed, certifying the review of submittal, verification of products, field measurements and construction criteria, and coordination of the information within the submittal with requirements of the work and of Contract Documents. Engineer's review will not proceed unless Contractor stamp is on drawings.
  13. Submittal sheets or drawings showing more than the particular item under consideration shall have all but the pertinent description of the item for which review is requested crossed out.
- B. Shop Drawings. Provide newly-prepared information, on reproducible sheets, with graphic information at accurate scale (except as otherwise indicated), with name of preparer (firm name) indicated. The Contract Drawings shall not be traced or reproduced by any method for use as, or in lieu of detail shop drawings. Show dimensions and note which are based on field measurement. Identify materials and products in the work shown. Indicate compliance with standards and special coordination requirements. Do not allow shop drawing copies without appropriate final "Action" markings by the engineer to be used in connection with the work.
1. Submittal. Minimum of 9 prints are required. Each copy shall be stamped by the Contractor certifying review. Five (5) copies will be retained (2 for engineer, 3 for owner) and remainder will be returned marked with "Action", and any correction or modification (if any), as required.
  2. Record Document. Of the four (4) returned copies, one is to be marked-up and maintained by the Contractor as the "Record Document". The other three (3) will be for contractor's or vendor's use.
  3. If the contractor requires more than 3 copies returned for his (or Vendor's) use, additional copies beyond the nine (9) shall be submitted.
- C. Product Data. Collect required data into one submittal for each unit of work or system, and mark each copy to show which choices and options are applicable to project. Include manufacturer's standard printed recommendations for application and use, compliance with standards, application of labels and seals, notation of field measurements, which have been checked, and special coordination requirements. Maintain one set of product data (for each submittal) at project site, available for reference by the Engineer or others.
1. Submittals. Do not submit product data, or allow its use on the project, until compliance with requirements of contract Documents has been confirmed by the contractor. Submittal is for information and record, unless otherwise indicated. Initial submittal is final submittal, unless returned promptly by the Engineer, marked with an "Action", which indicates an observed non-compliance. Submit nine (9) copies, four (4) of which will be returned. One set shall be kept at job site.
  2. Installer's Copy. Do not proceed with installation of materials, Products, or systems until copy of applicable product data is in possession of installer.

- D. Samples. Provide units identical with final condition of proposed materials or products for the work. Include "range" samples (not less than 3 units) where unavoidable variations must be expected, and describe or identify variations between units of each set. Provide full set of optional samples where the Engineer's selection is required. Prepare samples to match the Engineer's sample where so indicated. Include information with each sample to show generic description, source, or product name and manufacturer, limitations, and compliance with standards. Samples are submitted for review and confirmation of color, pattern, texture, and "kind" by the Engineer. Engineer will not "test" samples (except as otherwise indicated) for other requirements, which are the exclusive responsibility of the Contractor.
1. Submittal. At Contractor's option, provide preliminary submittal of a single set of samples for the engineer's review and "Action". Otherwise, initial submittal is final submittal, unless returned with "Action" which requires re-submittal. Submit six (6) sets of samples in final submittal; one set will be returned.
  2. Quality Control Set. Maintain returned final set of samples at project site, in suitable condition, and available for quality control comparisons by Engineer and by others.

#### **1.04: Distribution**

- A. General Distribution. Provide additional distribution of submittals (not included in foregoing copy submittal requirements) to subcontractors, suppliers, fabricators, installers, governing authorities, and others, as necessary for proper performance of the work. Include such additional copies in transmittal to the engineer where required to received "Action" marking before final distribution. Show such distributions on transmittal forms.
- B. Review Time. Allow a minimum of fifteen (15) calendar days following receipt of Submittals for the Engineer's initial processing of each submittal requiring review and response. Allow longer periods where processing must be delayed for coordination with subsequent submittals. The Engineer will advise the contractor when it is determined that a submittal being processed must be delayed for coordination. Allow two weeks for re-processing each submittal. Advise the Engineer on each submittal as to whether processing time is critical to progress of the work, and therefore the work would be expected if processing time could be shortened.
- C. Engineer's Action.
1. Final Unrestricted Release. Work may proceed, provided it complies with contract documents, when submittal is returned with the following:  
  
Marking: "A" - No Exceptions Taken.
  2. Final-But-Restricted Release. Work may proceed, provided it complies with notations and corrections on submittal and with contract documents, when submittal is returned with the following:  
  
Marking: "B" - Revised as Noted.
  3. Returned for Re-submittal. Do not proceed with work. Revise submittal in accordance with notations thereon, and resubmit without delay to obtain

a different action marking. Do not allow submittals with the following marking (or unmarked submittals where a marking is required) to be used in connection with performance of the work:

Marking: "C" - Amend and Resubmit.  
"D" - Rejected - See Remarks.

## **SECTION 01380 CONSTRUCTION PHOTOGRAPHS**

### **Part 1 - General**

Contractor shall be responsible for the production of construction photographs, as provided herein.

### **Part 2 - Products**

All photographs shall be digital and produced by a competent photographer. Digital photos shall be submitted in "jpg format" with the description of view, date taken, work order number, and address. Compact Disk shall be turned in with each payment of the work performed during that pay period.

### **Part 3 - Execution**

Minimum of four (4) digital photographs (two pre-construction, two-post construction) of pertinent features shall be taken at each repair location. The same view taken at pre-construction is to be re-photographed after restoration is completed, and submitted with Contractor's application for payment. Payment will not be approved for restoration work if photographs are not submitted with the pay request. The number of photographs noted is a "minimum", and depending on site conditions, it may be prudent to take as many photographs as necessary to document pre-existing conditions. The Contractor is required to photograph the pre-existing conditions from the most advantageous angle possible. The intent of this section is to have detailed photographs from as many different angles as required to adequately document the pre-existing conditions.

### **Part 4 - Payment**

Payment for pre and post construction photographs is considered incidental to conducting a point repair. This will not be considered for separate payment.

**SECTION 01410  
TESTING LABORATORY SERVICES**

**Part 1 - General**

**1.01: Requirements Included**

- A. Owner will employ and pay for the services of an Independent Testing Laboratory to perform specified testing, upon recommendation of the Engineer. This shall include re-testing for confirmation of compliance of re-worked areas; however, the Owner shall deduct the cost of all retests from compensation due to the Contractor.
- B. Contractor shall cooperate with the laboratory to facilitate the execution of its required services.
- C. Employment of the laboratory shall in no way relieve Contractor's obligations to perform the Work of the Contract.

**1.02: Laboratory Duties**

- A. Cooperate with Engineer and Contractor; provide qualified personnel after due notice.
- B. Perform specified inspections, sampling, and testing of materials, and methods of construction:
  - 1. Comply with specified standards.
  - 2. Ascertain compliance of materials with requirements of Contract Documents.
- C. Promptly notify Engineer and Contractor of observed irregularities or deficiencies of work or products.
- D. Promptly submit five (5) copies of written report of each test and inspection to Engineer.

Each report shall include:

- 1. Date issued.
  - 2. Project title and number.
  - 3. Testing laboratory name, address, and telephone number.
  - 4. Name and signature of laboratory inspector.
  - 5. Date and time of sampling or inspection.
  - 6. Record of temperature and weather conditions.
  - 7. Date of test.
  - 8. Identification of product and specification section.
  - 9. Location of sample or test in the Project.
  - 10. Type of inspection or test.
  - 11. Results of test and compliance with Contract Documents.
  - 12. Interpretation of tests as results, when requested by Engineer.
- E. Limitations of Authority of Testing Laboratory

Laboratory is not authorized to:

- 1. Release, revoke, alter, or increase requirements of Contract Documents.
- 2. Approve or accept any portion of the Work.

3. Perform any duties of the Contractor.

**1.03: Contractor's Responsibilities**

- A. Cooperate with laboratory personnel, provide access to Work Site, and to manufacturer's operations.
- B. Secure and deliver to the laboratory (when requested by Engineer), adequate quantities of representational samples of materials proposed to be used, and which require testing.
- C. Provide to the laboratory the preliminary design mix proposed to be used for concrete, and other material list mixes, which require control by the testing laboratory.
- D. Furnish copies of product test reports, as required.
- E. Furnish incidental labor and facilities:
  - 1. To provide access to Work Sites to be tested
  - 2. To obtain and handle samples at the Project site or at the source of the product to be tested
  - 3. To facilitate inspections and tests
  - 4. For storage and curing of test samples
- F. Notify laboratory sufficiently in advance of operations to allow for laboratory assignment of personnel and scheduling of tests.
  - 1. When tests or inspections cannot be performed after such notice, reimburse Owner for laboratory personnel and travel expenses incurred due to Contractor's negligence.
  - 2. Contractor will be responsible for all re-testing as a result of test failure.
- G. Make arrangements with laboratory and pay for additional samples and tests required for Contractor's convenience.

**SECTION 01579  
TRAFFIC REGULATIONS**

**Part 1 - General**

**1.01: Requirements**

A. The Contractor shall be responsible for the safe and expeditious movement of traffic through construction zones. A construction zone is defined as the immediate area of actual construction, which interferes with the driving or walking public.

B. Traffic Control

The necessary precautions shall include, but not be limited to: proper construction warning signs, signals, lighting devices, markings, barricades, channelization, and hand signaling devices (flagging operation). See standard plans included in this set of specifications. The Contractor shall be responsible for installation and maintenance of all devices and requirements for the duration of the construction period.

All work shall be performed in accordance with Louisiana DOTD standard specification 2006, or its latest revision. In addition to items shown on the plans, traffic control devices shall be in accordance with the MUTCD.

The Contractor shall be responsible for removal, relocation, or replacement of any traffic control device in the construction area which exists as part of the normal pre-construction traffic control scheme. Any such actions shall be performed by the Contractor, under the supervision of the Department of Engineering, Traffic Engineering Division, and in accordance with the Specifications, unless otherwise specified.

The Contractor will consult with Project Engineer and the Jefferson Parish Traffic Engineering Division immediately on any vehicular or pedestrian safety or efficiency problem incurred as a result of construction of the project.

The Contractor is responsible for daily monitoring of traffic control devices and must make appropriate changes to correspond to conditions.

**SECTION 01630  
PRODUCT OPTIONS AND SUBSTITUTIONS**

**Part 1 - General**

In accordance with Louisiana Public Contract Statute (LSA R.S. 38:2211-2296), these Contract Documents include provisions for use of equivalent materials and equipment. Requests for review of equivalency shall be submitted in accordance with the General Conditions and the submittals section.

Other manufacturer's products will be accepted, provided sufficient information is submitted to allow the Engineer to determine that the products proposed are equivalent to those named. Such items shall be submitted for review by the procedures set forth in the submittals section.

Whenever the names of proprietary products or the names of particular manufacturer's or vendors are used, it shall be understood that the words "or equal" following the enumeration, if not specifically stated, are implied.

**SECTION 01740  
WARRANTIES AND BONDS**

**Part 1 - General**

- 1.01 Contractor shall indemnify the Owner against any repairs which may become necessary to any part of the work performed under this Contract, arising from defective workmanship or materials used therein, for a period of one (1) year from the date of completion of the repair. Warranties for sewer manhole and wet well rehabilitation will be as stated in the respective Technical Specification sections.
- 1.02 The Contractor shall furnish all labor, materials, tools, and equipment required (at his own expense), and shall make such repairs, removal, or shall perform such work or reconstruction as may be made necessary by structural or functional defect or failure resulting from neglect, faulty workmanship, or faulty materials, in any part of the Work performed by him.
- 1.03 The Contractor shall be responsible for all road, sidewalk, and driveway reconstruction; and, repairs and maintenance of same for a period of one year from date of such reconstruction. In the event that the repairs and maintenance are not made immediately, and it becomes necessary for the Owner of the road to make such repairs, the Contractor shall reimburse the Owner of the road for the cost of such repairs.
- 1.04 In the event that the Contractor fails to proceed to remedy the defects of which he has been notified within 15 days of the date of such notice, the Owner reserves the right to take corrective actions to have the work done, as described in the Drawings and Specifications, and to hold the Contractor and the sureties on his bond liable for the cost and expense thereof.
- 1.05 All warranties, bond, insurance, etc. shall provide for 30 day advance notice to the Owner prior to cancellation or renewal date. No payment will be made to the Contractor for any work without insurance and bonds being in effect.

**SECTION 02146  
BY-PASS PUMPING**

**Part 1 - General**

**1.01: Scope of Work**

This section shall include furnishing all equipment, labor, and materials necessary to setup, operate, and maintain by-pass pumping. The Engineer will determine the quantities and disposition of water to be pumped. The Contractor shall provide the necessary equipment to meet these minimum requirements. Bypass pumping for 4 inch pumps or less will be considered incidental to the work, and will have no separate payment.

**1.02: Plugging or Blocking**

It shall be the responsibility of the Contractor to provide and install the required plug and blocking in the line. This plug shall be inserted into the line at a manhole immediately upstream from the section of line being repaired or inspected. The plug shall be so designed that any portion of sewer flow can be released through the line. After all work has been completed, the plug and all blocking shall be removed from the manhole.

**1.03: Pumping and By-Passing**

When pumping/by-passing is required, the Contractor shall supply the necessary pumps, conduits, and other equipment to divert the flow of wastewater around the work site. By-passed sewerage shall be diverted to the system below the work site, not into the storm drainage system. The by-pass system shall be of sufficient capacity to handle existing flows, plus additional flow that may occur during periods of rain.

The Contractor must take every precaution to ensure that the plugging and by-passing of sewer flow does not cause flooding or damage to public or private property being served by the sewers involved.

**1.04: Measurement and Payment**

Payment for by-pass pumping shall be made under the applicable unit bid price item.

**SECTION 02160  
SHEETING, SHORING, AND BRACING**

**Part 1 - General**

**1.01: Description**

This section shall include supplying materials, services, and labor necessary to provide sheeting, shoring, and bracing or supports, as required, to provide a safe working condition for Contractor's personnel, and to provide for protection of utilities, buildings, and structures. It shall be the sole responsibility of the Contractor to comply with these requirements.

**1.02: Submittals**

Prior to beginning sheeting and shoring operations, and as a part of the excavation plan, the Contractor shall submit in writing to the Engineer his proposed plan to comply with the requirements of this Section. No excavation work shall be allowed to commence until the Contractor has fulfilled this requirement.

**1.03: Safety Requirements**

All sheeting, shoring, and bracing of excavations shall conform to requirements necessary to comply with OSHA regulations, local codes, and other authorities having jurisdiction.

**Part 2 - Execution**

**2.01: Performance**

- A. The planning and installation of all sheeting, shoring, bracing, and sheet piling shall be accomplished in such a manner so as to maintain the required trench or excavated cross section, and to maintain the undisturbed state of the soils adjacent to the trench and below the excavated bottom. All trenches and structural excavations shall be properly sheeted, shored, and braced. Steel sheet piling shall be a continuous interlock design.
- B. The use of horizontal strutting below the barrel of a pipe or structure by the use of a pipe as support for trench bracing will not be permitted.
- C. Wood sheeting shall be left in place and the upper part of the sheeting shall be cut off three (3) feet below the finished ground surface after backfilling. All bracing above this level shall also be removed. Lower bracing shall be left in-place.
- D. Steel sheeting, when used, may be removed upon completion of backfill operations.

**2.02: Measurement and Payment**

- E. Sheeting, shoring, and bracing used to install sewer mains shall not be measured separately for direct payment, but shall be included in the applicable contract unit or lump sum prices for the item of work to which it is associated.

**SECTION 02200  
EARTH EXCAVATION AND BACKFILL IN TRENCHES**

**Part 1 - General**

**1.01: Scope of Work**

- A. This Section includes, except as elsewhere provided, trenching for installation of pipelines and appurtenances, including drainage, filling, backfilling, and disposal of surplus material, and restoration of trench surfaces.
- B. Excavation shall extend to the width and depth shown on Jefferson Parish Standard Drawings, or as specified; or where not specified, Contractor shall confine his excavation to the least width practicable, and shall provide suitable room for installing pipe, structures, and appurtenances.
- C. The Contractor shall furnish and place all sheeting, bracing, and supports, and shall remove from the site all materials which are unsuitable for backfill, or which the Engineer may deem unsuitable for backfilling. The bottom of the excavation shall be firm, dry, and in all respects, acceptable.

In case the excavation for any pipeline is carried below the required depth, the Contractor shall fill the bottom of the excavation up to grade with limestone, in a manner acceptable to the Engineer, without compensation for either the excavation or the backfilling.

**Part 2 - Products**

**2.01: River Sand**

River sand shall be used as backfill material for all trenches and shall be a good quality "Mississippi River Sand", free of roots, shells, or any other foreign matter, AASHTO Classification A-4 material, or better.

**2.02: Bedding Materials**

Bedding material shall be crushed limestone (Grade 67), crushed concrete, or sand as directed by the Engineer. Bedding material shall be installed and compacted as listed below. All foundation lumber (i.e., planking, sills, and stringers in the trench bottom) shall be suitable for the purpose. Installation of foundation lumber and piling shall be in accordance with Jefferson Parish Engineering Standards.

- 1. Crushed limestone (Grade 67) shall be in accordance with the requirements of ASTM C33-84- standard Specification for Concrete Aggregates. Crushed limestone shall be installed and compacted in the same manner as described in Jefferson Parish Standards.
- 2. Crushed concrete shall be well-graded materials with not more than ten percent (10%) (by weight ) passing the No. 200 sieve, and not more than five percent (5%) (by weight) of foreign material. Crushed concrete shall be thoroughly compacted in layers not exceeding six inches (6") in thickness by mechanical means, such as a steel drum roller, vibratory plate, or other approved device to a density not less than ninety-five percent (95%) of the maximum density determined by ASTM D-698.

### **Part 3 - Execution**

#### **3.01: Excavation**

- A. Excavation shall be open cuts with vertical sides, unless in special cases the Engineer permits sloping sides.
- B. In case the excavation for any pipeline is carried below the required depth, the Contractor shall fill the bottom of the excavation up to grade with reef shell or limestone, in a manner acceptable to the Engineer, without compensation for either the excavation or the backfilling.
- C. All material excavated shall be placed so as to minimize interference with public travel and to permit proper access for inspection of the work.
- D. Material excavated, as well as stockpiled backfill material, shall not be left in the street overnight.

#### **3.02: Disposal of Materials**

- A. Excavated material shall be stacked, without excessive surcharge, on the trench bank, and without obstructing free access to hydrants and valves. Inconvenience to traffic and abuts (i.e., homes, driveways, etc.) shall be avoided as much as possible.
- B. All excavated material shall be disposed of by the Contractor.
- C. Should conditions make it impracticable or unsafe to stack material adjacent to the trench, the materials shall be hauled and stored at a location provided by the Contractor. When required, it shall be re-handled and used in backfilling the trench.

#### **3.03: Excavation to Remove Stumps, Roots, Logs**

- A. Stumps, roots, and logs, which are encountered within the trench area, shall be cut to a depth of one foot (1') below the bottom of the trench. The Contractor shall fill this excavated space with sand or other approved materials at no direct pay.
- B. When so required by the Engineer, the Contractor shall probe one foot (1') below the established bottom of the trench. If any stump, roots, logs, etc., are discovered by this probing, the Contractor shall cut them out just as if they had been visible in the trench.
- C. Blasting will not be allowed for the removal of stumps

#### **3.04: Sheet piling and Bracing**

- A. Protection of the excavation against caving or settling of the banks shall be the sole responsibility of the Contractor. He shall protect the sides of his excavation by sheet piling and bracing, as may be necessary. No actions or instructions by the Engineer shall be regarded as the responsibility for security of the trench or the surrounding areas. The full responsibility remains with the Contractor. The Contractor shall furnish, put in place, and maintain sheet piling and bracing required to support the sides of the excavation and prevent loss of ground, which could damage or delay the work, or endanger adjacent structures or vehicular traffic. If the Engineer is of the opinion that at any point sufficient or proper supports have not

been provided, he may order additional supports to be placed, at the expense of the Contractor. Compliance with such order shall not relieve the Contractor from his responsibility for the sufficiency of such supports. Care shall be taken to prevent voids outside of the sheeting, but if voids are formed, they shall be immediately filled and rammed.

**B. Sheeting shall be used for certain trench conditions, as shown on Jefferson Parish Standard Drawings.**

1. The Contractor shall leave in place (to be embedded in the backfill of the trench), all wood sheeting, bracing, and other related items as shown on the Drawings, or which the Engineer may direct him in writing to leave in place, at any time during the progress of the work. The Engineer may direct that time used for sheeting and bracing in the trench be cut off specified elevation, after backfilling and tamping has reached this level. All rangers and braces above this level must be removed.
2. All sheeting and bracing not left in place shall be carefully removed in such manner as not to endanger the construction of other structures, utilities, or property, whether public or private.
3. The right of the Engineer to order sheeting and bracing left in place shall not be construed as creating any obligation on his part to issue such orders, and his failure to exercise his right to do so shall not relieve the Contractor from liability for damages to persons or property occurring from or upon the work occasioned by negligence or otherwise, growing out of a failure on the part of the Contractor to leave in place in the trench sufficient sheeting and bracing to prevent any caving or moving of the ground adjacent to the sides of the trench.
4. The contractor shall receive no payment for any extra time used for sheeting, bracing, and other related items, which has not been ordered by the Engineer in writing during the progress of the work. The Contractor shall receive no payment for such time, which was used for the convenience of the Contractor.
5. If additional sheeting and bracing is required by the Engineer, measurement and payment shall be as specified in the Measurement and Payment section.

**3.05: Test Pits**

Test pits for the purpose of locating underground utilities or structures in advance of the construction may be excavated by the Contractor. Test pits shall be backfilled immediately after the desired information has been obtained. The backfilled surface shall be restored and maintained in a manner satisfactory to the Engineer. The cost of test pits shall be at no direct pay, but included in the appropriate bid item.

**3.06: Drainage**

- A. The Contractor shall furnish all materials and equipment, and perform all incidental work required to install and maintain the drainage system he proposed for handling ground water or surface water encountered. He shall assume all responsibility for the adequacy of the methods, materials, and equipment employed. Construction shall not begin until the Engineer is assured that the proposed method will be satisfactory. The requirements for a stable sub-grade are indicated above. The Contractor must alter his drainage methods, if in the opinion of the Engineer, the trench bottom is unsatisfactory.

- B. The Contractor shall provide pumping equipment and devices to properly remove and dispose of all water entering trenches and excavations. The grade shall be maintained acceptably dry until the structures to be build therein are completed. All drainage shall be performed without damage to the trench, pavements, pipes, electrical conduits, or other utilities.
- C. Pipe and masonry shall not be laid in water or submerged within 24 hours after being placed. Water shall not flow over new masonry within four days after placement.
- D. In no event shall water rise to cause unbalanced pressure on structures, until the concrete or mortar has set for at least 24 hours. The Contractor shall prevent flotation of the pipe by promptly placing backfill.
- E. Where other methods of handling water prove inadequate, the Contractor shall furnish, install, operate, and remove proper well point facilities.

### **3.07: Backfilling**

- A. As soon as practical, after the pipe had been laid, jointed, and tested (if required), backfilling shall begin, and thereafter be completed expeditiously. Bedding shall conform to the details on Jefferson Parish Standard Drawings. When laying pipe, the groove for the pipe and bell hole must be accurately shaped, and the backfill must be closely packed under and around the pipe.
- B. After the required bedding has been placed, as shown on Jefferson Parish Standard Drawings, backfill material free from stones, pieces of lumber, and other foreign material shall be hand placed and hand tamped to a depth over the top of the pipe, as also shown on Jefferson Parish Standard Drawings.
- C. Wherever a grassed surface exists prior to excavation, it shall be removed, conserved, and replaced to the full original depth, as part of the work under the pipe items. In some areas, it may be necessary to remove excess materials during the clean-up process, so that the ground may be restored to its original level and condition.
- D. When pipes are laid in streets, the remainder of that trench above the bedding and up to the bottom of the specified shall be backfilled as shown on Jefferson Parish Standard Drawings in layers not to exceed two feet (2'), and thoroughly compacted by flooding.
- E. The pipe and bedding material for all mainlines or feeder lines shall be completely encapsulated with a geo-textile fabric (Mirafi – 500, or approved equal) in all locations (under pavement/sidewalk, or grass cover).
- F. Backfill around manholes shall be compacted by flooding. All backfill shall be compacted, especially under and over pipes connected to the manholes.
- G. Paving shall not be placed in backfill.
- H. All road surfaces adjacent to backfilling operations shall be broom swept and hose-cleaned immediately after backfilling. Dust control measures shall be employed at all times.

**SECTION 02600  
REPLACEMENT PIPE AND FITTINGS**

**Part 1 - General**

**1.01: Scope of Work**

The Contractor shall furnish all labor, materials, equipment, and incidentals required to complete a "Point Repair" using materials described herein, and being compatible to the removed materials. All force main repairs, PVC or Ductile, shall have restrained joints, as specified herein.

**1.02: Submittals**

- A. The Contractor shall submit to the Engineer, within ten days after signing the contract, a list of materials to be furnished and the names of his suppliers.
- B. If materials, indicated in these specifications, are not commonly stocked, the Contractor shall state the approximate time required to obtain these materials.
- C. The Contractor shall submit and shall comply with pipe manufacturer's recommendations for handling, storing, and installing pipe and fittings.
- D. The Contractor shall submit pipe manufacturer's certification of compliance with these specifications.

**Part 2 - Product**

**2.01: Materials**

**2.01.1: Polyvinyl Chloride (PVC) Pipe used for Gravity Sewer**

- A. Polyvinyl Chloride (PVC) gravity sewer pipe and fittings, 4 inch through 16 inch diameters, shall conform to ASTM D-3034, "Type PSM Polyvinyl Chloride (PVC) Sewer Pipe and Fittings", SDR-26
- B. Polyvinyl chloride (PVC) gravity sewer pipe and fittings, 18 inch through 27 inch diameters, shall conform to ASTM F-679, "Polyvinyl Chloride (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings", T-2 wall thickness
- C. All gravity sewer lines with more than ten feet (10') of cover and any pipe under roadways with less than four feet (4') of cover shall conform to the specifications "Polyvinyl Chloride (PVC) Pipe C-900"
- D. The supplier shall be responsible for the performance of all inspection and testing requirements specified in ASTM D-3034 or ASTM F-679, as applicable. Complete records of inspections, examinations, and tests shall be kept and submitted to the Engineer. The Engineer reserves the right to perform any of the inspections set forth in the specifications, where such inspections are deemed necessary to assure that materials and services conform to the prescribed requirements.
- E. The pipe shall be jointed with an integral bell and spigot type rubber gasket joint. Each integral bell joint shall consist of a formed bell with a rubber gasket. Gaskets shall conform to ASTM F-477. Joints shall permit contraction, expansion,

and settlement, and yet maintain a watertight connection.

- F. Pipe shall be furnished in standard laying lengths not exceeding 20 feet.
- G. All fittings and accessories shall be furnished by the pipe supplier, and shall have bell and/or spigot configurations compatible with the pipe.

**2.01.2: Polyvinyl Chloride (PVC) Pipe - C 900 for Force Mains**

- A. Polyvinyl chloride (PVC) force main pipe and fittings shall conform to AWWA C 900, "Polyvinyl Chloride (PVC) Pressure Pipe, 4 inch through 12 inch, for Water", DR18.
- B. The pipe shall be jointed with casketed, integral bell, and spigot-type joints. Gaskets shall conform to F-477.
- C. Pipe shall be furnished in standard laying lengths not exceeding 21 feet.
- D. For pipes 14 inches in diameter and larger, pipe shall meet requirements of Uni-Bell PVC Pipe Association Specifications UNI-B-11, DR-18, if available.
- E. Restrained joints shall be provided at locations shown on the drawings, or as indicated in the field. Restrained joints shall be as specified. Suitable PVC/ductile iron adapters shall be provided.
- F. Polyvinyl Chloride (PVC) pipe may be restrained using the Series 1300 or 1350 Large Diameter Restrainers, as manufactured by Nappco, Inc., the Series 1100 PV, or 1100 HV MEGALUG mechanical joint thrust restraint, as manufactured by EBAA Iron, Inc.
- G. The Nappco Series 1300 or 1350 restrainers shall be furnished with a minimum sixteen (16) mil fusion bonded epoxy coating, in accordance with ANSI/AWWA C213, and installed using silicon bronze bolts - IFI 140 Grade 655.
- H. The EBAA Iron Series 1100 PV or 1100 HV MEGALUG assembly, including bolts, shall be cast completely of closely controlled ductile iron, conforming to ASTM A536 (latest revision); silicon bronze bolts IFI 140 Grade 655 shall be furnished.
- I. Both types of restraining glands shall be wrapped with an eight (8) mil thick polyethylene tube for additional protection. The polyethylene wrap shall extend a minimum of two feet (2') in either direction from the gland and secured on the end with circumferential turns of tape.
- J. All restrained joints shall be inspected at the job site after installation. Field touch-up and repair, if needed, shall be made by the Contractor under the supervision and inspection of a representative of the coating supplier.

**2.01.3: Ductile Iron Pipe and Fittings**

- A. All ductile iron pipe shall be ductile iron, manufactured in accordance with the requirements of the latest revision of AWWA C150 and C151, and shall conform to ANSI Specification A21.51 and thickness design to A21.50-76. Pipe supplied shall be Class 51 for pipe eight inches (8") and smaller, Class 52 for pipe ten inches (10") and larger, and shall meet all requirements for push-on rubber gasket joints, in accordance with AWWA C111.

- B. Unrestrained joint pipe shall be supplied in lengths not in excess of 21 feet. Pipe shall be either the rubber-ring type push-on joint or standard mechanical joint pipe, as manufactured by the American Cast Iron Pipe Company, U.S. Pipe and Foundry Company, Clow Corporation, or approved equal.
- C. Fittings shall meet the requirements of ANSI/AWWA C110. Rubber gaskets shall conform to ANSI A21.11 mechanical and push-on type joints.
- D. All ductile iron pipe and fittings less than twelve inches (12") in diameter and larger shall have cement mortar lining and bituminous seal coat on the inside, in accordance with AWWA C104; and coat tar enamel coat on the outside, in accordance with ANSI A21.4.

All ductile iron pipe and fittings twelve inches (12") in diameter and larger shall have a polyethylene lining on the inside and a coal tar enamel coating on the outside. Polyethylene shall comply with ASTM D1248, compounded with carbon black to provide resistance to ultra violet rays during ground storage. The polyethylene shall be 40 mils thick and shall be bonded to the interior of the pipe and fittings by a heat process. The coal tar enamel outside coating shall be in accordance with ANSI A21.4.

- E. Restrained joints shall be provided at locations shown on the drawings. Restrained joint pipe and fittings for twelve inches (12") and smaller diameter pipe shall be "Mechanical Joint with Retainer Gland", as manufactured by American Cast Iron Pipe Company; "Lok-Tyton", as manufactured by U.S. Pipe Company; "Super-Lock", as manufactured by Clow Corporation; or equal. Restrained joint pipe and fittings for fourteen inches (14") and larger diameter pipe shall be "Lok-Tyte", as manufactured by U.S. Pipe Company; "Super-Lock", as manufactured by Clow Corporation; or equal. Where bolts are required, they shall be of silicon bronze.

## **2.02: Identification**

Each length of pipe and each fitting shall be marked with the name of manufacturer, size, and class. All gaskets shall be marked with the name of manufacturer, size, and proper insertion direction.

## **2.03: Manhole Connections**

Pipe stubs for all manhole connections shall not exceed two feet (2') in length. Caps shall be furnished, where required.

## **Part 3 - Execution**

### **3.01: Laying Polyvinyl Chloride (PVC) Pipe and Fittings**

- A. Polyvinyl Chloride (PVC) pipe shall be laid in accordance with the instructions of the manufacturer, as shown on the drawings, and as specified herein. As soon as the excavation is completed to normal grade, as indicated on the drawings, the Contractor shall immediately place bedding in the trench. Then, the pipe shall be firmly bedded to conform accurately to the line and grade indicated on Jefferson Parish drawings. Embedment of pipe shall conform to the details shown on Jefferson Parish drawings and ASTM D2321, "Recommended Practice for Underground Installation of Flexible Thermoplastic Sewer Pipe". Bell holes shall be excavated so that after installation, only the pipe barrel shall bear upon the trench bottom. Proper selection and placement of bedding and backfill materials

are necessary to minimize deflection of the pipe diameter. No blocking under the pipe will be permitted, except as allowed in these specifications.

- B. The Contractor shall use care in handling and installing pipe and fittings. Storage of pipe on the job site shall be done in accordance with the pipe manufacturer's recommendation and with approval of the Engineer. Under no circumstances shall pipe or fittings be dropped, either into the trench, or during unloading. The interior of the pipe shall be kept clean of oil, dirt, and foreign matter, and the machined ends and couplings shall be wiped clean immediately prior to joining.
- C. The Contractor shall use a PVC pipe cutter where necessary to cut and machine all PVC pipe in the field. A "full insertion mark" shall be provided on each field-cut pipe end. Field-cut pipe shall be beveled with a beveling tool made especially for plastic pipe. Bevels shall be in accordance with the manufacturer's requirements.
- D. Each length of pipe and each fitting shall be marked with the nominal size, the SDR designation, the name of the manufacturer or his trademark, and the date of manufacture.
- E. Rubber gaskets shall be marked with manufacturer's identification sizes and proper insertion direction.
- F. The interior of the pipe and the jointing seal shall be free from sand, dirt, and trash before installing in the line. Extreme care must be taken to keep the bells of the pipe free from dirt and rocks so joints may be properly assembled without over stressing the bells. The jointing of the pipe shall be done in strict accordance with the pipe manufacturer's instructions, and shall be done entirely in the trench.
- G. Each time the work is halted for more than one (1) hour, the ends of the pipe shall be closed to prevent foreign material from entering the pipe.
- H. In all cases where this type of pipe is installed, a metallic tape shall be affixed to the top of the pipe. The tape shall be Type A-1 Alertine Detectable Marking Tape, or approved equal.

### **3.02: Laying Ductile Iron Pipe and Fittings**

- A. All buried piping shall be installed in accordance with the recommendations of the pipe manufacturer, and as specified herein.
- B. Care shall be taken in handling, storage, and installation of pipe and fittings to prevent injury to the pipe or coating. All pipe and fittings shall be examined before lying, and no pipe shall be installed which is found to be defective. All damage to the pipe coatings shall be repaired according to the manufacturer's recommendations.
- C. Rubber gaskets shall be marked with manufacturer's identification sizes and proper insertion direction.
- D. The interior of the pipe and the jointing seal shall be free from sand, dirt, and trash before installing in the line. Extreme care must be taken to keep the bells of the pipe free from dirt and rocks so joints may be properly assembled without over stressing the bells. The jointing of the pipe shall be done in strict accordance with the pipe manufacturer's instructions, and shall be done entirely in the trench.
- E. Each time the work is halted for more than one (1) hour, the ends of the pipe shall

be closed to prevent foreign material from entering the pipe.

### **3.03: Marker Tape**

Marker tape is to be installed on all lines. The color is to be yellow with "CAUTION -- SEWER LINE BURIED BELOW" written on it. The tape is to be two inches (2") wide, and located between the bedding and the backfill along the centerline of pipe.

### **3.04: Pipe Couplings**

Repairs made to similar pipe shall be accomplished with the use of similar repair couplings or spool pieces. Repairs made to dissimilar gravity sewer line pipe (i.e., PVC to clay, transited or other) shall be accomplished with the use of flexible elastomeric P.V.C. pipe couplings or adapters, as manufactured by Fernco, or approved equal. All pipe couplings shall attach to the existing and replacement pipes by means of stainless steel bands with screw and housing, to assure a positive seal around the pipe. All flexible couplings shall be installed with a stainless steel shear ring. Should stainless shear rings not be furnished with flexible couplings, furnished couplings must be approved by the Engineer prior to installation.

### **3.05: Measurement and Payment**

Measurement for installation of PVC or Ductile Iron restrained joint force main shall be along the center line of pipe. Payment for furnishing and installation of PVC or ductile iron restrained joint shall be made on a linear foot basis for the various diameters, as shown in the bid schedule. Payment shall include the furnishing of all pipe, labor, equipment, fittings, bedding, blocking, sheeting lumber, excavation, and testing required to furnish a complete and acceptable repair.

**SECTION 02601  
UNDERGROUND FIBERGLASS REINFORCED WET WELL AND DRY PIT**

**Part 1 – General:**

**1.01** The Contractor shall provide all labor, materials, equipment, and incidental items necessary to furnish a FRP Wet Well and/or Dry Pit. Unless otherwise indicated, the terminology used in this specification shall be in accordance with the definitions in the American Society for Testing and Materials (ASTM) designation D883 – Standard Terminology Related to Plastics. Wet Wells shall be one piece units, manufactured to meet or exceed all specifications of ASTM D3753.

**1.02 Governing Standards, as applicable:**

ASTM D883: Standard Terminology Related to Plastics

ASTM D3753: Standard Specification for Glass-Fiber-Reinforced Polyester Manholes and Wet Wells

**1.03 Loading Conditions:**

Wet Well and/or Dry Pit FRP wall laminate must be designed to withstand wall collapse or buckling, based on the following assumed physical parameters. The Wet Well and/or Dry Pit shall be designed and constructed to withstand or exceed wall collapse and buckling, based upon three (3) times the assumed loading conditions listed below:

- a. Unit weight of water is 62.4 lbs. per cubic foot.
- b. Saturated soil unit weight of 120 lbs. per cubic foot.
- c. Modulus of soil reaction of 700 lbs. per square foot.

Wet Well and/or Dry Pit, when installed according to Wet Well manufacturer's current Wet Well Installation Instruction and Operating Guidelines, shall support accessory equipment – such as submersible pumps, rails, valves, and ladders.

**1.04 Materials:**

Wet Well and Dry Pit shall be manufactured with 100% premium resin and glass-fiber reinforcement. No sand fillers.

Wet Well and Dry Pit shall be tested by the manufacturer to a Barcol Hardness of at least 80% of the resin manufacturer's specific hardness for fully cured resin.

The following pertinent average material properties shall be used in analysis for fiberglass composite in the Wet Well or Dry Pit:

- a. Tensile Modulus           900,000 psi
- b. Flexural Modulus        900,000 psi
- c. Tensile Strength         10,000 psi
- d. Compressive Strength   20,000 psi
- e. Poisson's Ratio         0.33

All 6 foot diameter and larger Wet Wells and Dry Pits shall be constructed using an integral constructed trapezoidal rib for superior strength and support of the well and/or pit wall.

**1.05 Calculations:**

The manufacturer shall provide, if requested by the owner, or engineer, anti-flotation calculations for the designed Wet Well and/or Dry Pit, based on specifics of ground water depth and soil properties for the specific site location, as supplied by the engineer.

**1.06 Warranty:**

The warranty shall be manufacturer's limited warranty for Underground Wet Well at the time of shipment.

**SECTION 02605  
SEWER MANHOLES AND CONFLICT BOXES**

**Part 1 - General**

**1.01: Requirements:**

Contractor will rebuild or construct manholes and conflict boxes when ordered, as shown on Jefferson Parish Standard drawings. Contractor is required to plug all influent lines and by-pass pump (under the conditions of the by-pass pumping section) as necessary to allow for construction, rebuilding, or re-pointing of sewer manholes.

**Part 2 - Products**

2.01 Masonry cement shall conform to ASTM C150, Type II

2.02 Sewer Brick shall conform to AASHTO M 91, Manhole Brick, Grade MM

2.03 Fiberglass Reinforced plastic manholes shall conform to ASTM D3753

**Part 3 - Execution**

3.01 All manholes and conflict boxes shall be constructed as indicated on Jefferson Parish Standard drawings. All ground water shall be kept away from the newly grouted pipe and bricks until cement has properly set, and until a watertight job is obtained. Manholes and conflict boxes, which admit groundwater after completion, will not be accepted. Bricks must be laid in full, close, shove joints of mortar, following the best work standards.

3.02 Bedding material for manholes and conflict boxes shall be crushed limestone. It shall be compacted in lifts not exceeding 2 inches, using a drum roller or plate vibrating compactor. A minimum of two passes over the entire bedding area is required for compaction of the bedding material. The bedding shall be underlain by a geotextile fabric, such as Mirafi 500, or approved equal.

3.03 Excavated areas around manholes and conflict boxes shall be backfilled with select native material or river sand, unless located in paved areas. In paved areas, only river sand will be accepted, compacted to 97% of maximum dry density, in accordance with ASTM D-1557.

3.04 Repointing:  
Repointing of existing sewer manholes or wet wells will include the required proper surface preparation by cleaning with high pressure water spray (minimum 2500 psi), and to include muriatic acid cleaning, if required, to remove oil or grease, and the removal of all loose or deteriorated mortar in the joints, and then regrouting these joints with a one component, ready to use with water, high strength polymer modified cementitious mortar. Approved mortar materials are: Octocrete, IPA Systems, Inc. Philadelphia, PA; and, Preco-Patch and Preco-Plug, Preco Industries, Plainview, N.Y.

3.05 Adjusting manholes:

When required, existing manhole castings shall be adjusted to an elevation established by the Engineer. This adjustment may be either an increase or decrease in the existing casting elevation, and will not exceed one foot in either

direction. The Contractor shall make these adjustments by either adding or removing brick courses, as required, or as approved by the Engineer.

#### **Part 4 - Payment**

- 4.01 Construction of new manholes and conflict boxes will be paid at the unit bid price per vertical linear foot, measured from the invert of the deepest line to the top of the casting.
- 4.02 Rebuilding of existing manholes or conflict boxes will be paid at the unit bid price per vertical foot, measured from the level of the starting course of bricks to be rebuilt, to the top of casting.
- 4.03 Re-pointing of existing manholes and wet wells will be paid at the unit bid price per square foot of surface area re-pointed.
- 4.04 Adjustment of manholes shall be paid at the unit bid price, per each adjustment. As a means of measurement, an "Adjustment" will be considered as being no more than 1 foot (1') in either direction from the original casting elevation.

## **SECTION 02900 LANDSCAPING**

### **Part 1 - General**

After all work has been completed and the areas outside the roadway surface have been fine-graded, all sodded areas disturbed during construction shall be filled to the proper grade with topsoil, sodded, fertilized, and watered.

### **Part 2 - Products**

#### **2.01: Materials**

- A. A minimum of three inches (3") of topsoil shall be placed on all areas disturbed during construction. Native soil (free of debris, roots, or trash) stockpiled during construction may be used. If additional soil is required, it shall be fertile surface soil, capable of supporting the growth of grass and plants.
- B. Fertilizer shall be a slow-release type, meeting the following minimum chemical composition: 8% nitrogen, 8% phosphorus, 8% potassium. It shall be supplied in granulated or pelletized form, and shall be uniformly scattered over the prepared surface at the rate of 2.5 pounds per 100 square feet.

### **Part 3 - Execution**

#### **3.01: Sod Replacement**

- A. The Contractor shall make every attempt to disturb only the existing grass surface necessary to complete the repair, and will be compensated only for replacement of the areas shown on the detail sheet. All grass areas disturbed shall be replaced with new sod of the same grass variety that existed prior to construction, and shall be laid continuously over the entire repair area, matching the grade existing prior to construction. Any grass area unduly disturbed or damaged by Contractor's operation beyond the area shown on the detail sheet shall be replaced at no expense to the owner.
- B. Upon placing sod and fertilizing, the Contractor is required to provide onetime watering of the sodded area.

### **Part 4 - Payment**

Payment for sod replacement will be made under the item "Slab Sodding". The payment amount will be measured as shown on the detail sheet. The unit bid price for "slab sodding" shall include all labor, materials, fertilizer, top soil, water, and equipment necessary to complete this item of work, as specified above.

**SECTION 03000  
REMOVAL AND RESTORATION OF ROADWAYS,  
CONCRETE CURB AND GUTTER, SIDEWALKS AND DRIVEWAYS**

**PART 1 - General**

**1.01: Description**

All work performed under this Section shall be in accordance with the appropriate section of the LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (2006 Edition or its latest revisions), unless modified herein, or directed in the field. American Disability Act (ADA) requirements, as well as all other Federal, State, or local code requirements will apply.

This Section shall include the removal and restoration of all paved and unpaved roadway and walkway areas encountered on the project. This work will include replacement of pavements, shell surfaces, base courses, curbs, gutters, and other improvements removed or damaged by the Contractor during the course of this Contract.

The unit bid price for a removal and replacement item shall include the cost of removal, saw cutting (as required), transportation and proper disposal of the removed material, placement AND REMOVAL of temporary walking/parking surface in sidewalk and driveway areas (temporary asphalt), as well as actual permanent replacement costs.

Under no circumstances will removed concrete or asphalt material be allowed to be stockpiled at the site. All debris will be removed from the site at the end of the work day. The Contractor will not be allowed to stockpile any new roadway bedding material in roadways overnight.

Temporary asphalt surfacing will be used in sidewalks, driveways, and roadway/parking locations, as directed by the Engineer. This asphalt will be placed upon completion of work, with permanent repair being made in approximately 30 days. Payment for placement of temporary asphalt will be made under the applicable bid item. All temporary asphalt shall be marked "TEMPORARY" in yellow, with a stencil.

Unless otherwise approved by the Engineer, the kind of pavement to be constructed in replacement work shall correspond with the kind removed from the area, or as shown on the detail sheet. The respective kind of concrete (asphalt or portland cement) shall be placed, shaped, and finished to establish grade and cross section by practicable means, which will result in a dense, uniform-textured pavement. Abutting edges of old pavement shall be trimmed of all loose fragments and shall be painted with asphalt or thoroughly moistened with water, as appropriate, to provide good bond between the old and new pavement.

All manholes within the pavement area shall be isolated (boxed out) by means of an approved circular ring (joint) around them, square or rectangular sections using flexible joint materials. Manholes in sidewalk areas will be formed so that an expansion joint is on both sides of the manhole.

All backfilled trenches shall be properly maintained by the Contractor, at no direct pay, until such time as reconstruction is begun.

NOTICE: The Contractor is responsible for notifying both the Engineer, testing lab representative and Jefferson Parish Department of Sewerage at least 24-hours in advance, of placement of concrete or asphalt.

In addition, the Contractor shall be responsible for the proper and safe protection of the work area.

## **Part 2 - Materials/Execution**

### **2.01: Removal of Surfacing**

All surfaces shall be initially removed to a distance of one foot (1') outside the limits of the trench. Upon completion of all work, concrete shall be removed and replaced to the nearest joint, unless otherwise directed by the Engineer or Owner. Final removal of asphaltic concrete roadways shall be to a minimum distance of three feet (3') from the edge of trench and saw cut at this point. For driveway and sidewalk removal, if a joint does not exist at the property line or in close proximity to it, then the Contractor shall make a saw-cut along this property line. There will be no direct payment for saw-cutting. Material removed shall be properly disposed of at no direct pay. There will be no direct payment for the removal of curb, which is attached to and removed with the roadway surface.

### **2.02: Base Course**

This work consists of furnishing and placing granular material for the roadway base, as per plan details, and in accordance with Section 501 and 1002 of the LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (2006 Edition or its latest revisions), unless otherwise specified.

The placement of the road base material shall be confined to the limits of the trench line. If, due to the construction operation, the adjacent base material is disturbed adversely, the Contractor shall remove and replace the material, as directed by the Engineer, in consultation with the Department of Sewerage. This work shall be done at the Contractor's cost, unless the disturbance is beyond the Contractor's control.

Density tests will be taken on the roadway materials, as directed in the plans. The Contractor shall not be allowed to restore the roadway until road base materials in the trench area meet or exceed the following:

Density requirements (Standard Proctor)	
(a) Base Course (sand)	-97%
(b) Base Course (shell or sand/shell)	-97%
(c) Base Course (stone)	-95%
(d) Sub base (sand)	-97%

### **2.03: Base Materials**

Soil for base material shall be pumped sand obtained from the Mississippi River. It shall be an AASHTO Classification A-4, or better, having a Plasticity Index not to exceed "4", and a liquid limit not to exceed "25", and shall be free from trash, weeds, large lumps, humus, or any other harmful matter.

## **2.04: Asphalt Concrete Paving**

### **A. Permanent Resurfacing**

All materials and construction under this section shall conform to Section 501 of the LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (2006 Edition and its latest revisions), unless otherwise specified. The gradation of the mix shall be Type 3, AC-30 for any temporary repairs, as well as the permanent Wearing Course and Binder Course, as specified in Table 1 of the referenced section. The thickness of each course is as shown on the standard details.

Saw-cutting will be required along the entire limits of the removed asphalt areas; if in contact with existing asphalt.

Job Mix Formula (per latest DOTD Standards)

- |     |                |                  |
|-----|----------------|------------------|
| (a) | Wearing Course | (Type 3, AC-30)  |
| (b) | Binder Course  | (Type 3, AC-30)  |
| (c) | Base Course    | (Type 5A, AC-30) |

### **B. Temporary Resurfacing**

Until permanent roadway pavement surfacing is placed, temporary asphalt resurfacing, a minimum of 2 inches thick shall be placed and maintained at locations determined by the Owner's Representative. At major intersections and critical locations, a greater thickness may be ordered. Temporary resurfacing shall be placed as soon as the condition of the backfill is suitable to receive it, and shall remain in place until the condition of the backfill is suitable for permanent resurfacing.

The temporary asphaltic concrete shall be any type mixture listed in Section 501, except Type 5B, of the LOUISIANA STANDARDS SPECIFICATIONS FOR ROADS AND BRIDGES (2006 edition or its latest revision).

Prior to placing temporary resurfacing, the Contractor shall level and compact the backfill on which the surfacing is to be placed. The grade of the backfill on which the resurfacing is to be placed shall be such as to provide the full thickness of temporary resurfacing specified. The temporary resurfacing shall be placed, rolled, maintained, removed, and disposed of by the Contractor.

## **2.05: Concrete Pavement**

All materials and construction under this section shall conform to Section 601 of the LOUISIANA STANDARDS SPECIFICATIONS FOR ROADS AND BRIDGES (2006 Edition or its latest revisions) unless otherwise specified, and Jefferson Parish Engineering Department's standards.

All existing concrete pavement, curbs, walks, and driveways shall be replaced to the line, grade, and thickness that existed prior to construction, or as directed by the Engineer. All roadway joints shall be replaced to match the conditions which existed prior to construction, or as directed by the Engineer. All replaced sidewalk and drive slabs shall be doweled into the existing adjacent concrete. Details of existing joints will be supplied at the time of construction. Prior to construction in an area,

adequately reference the existing curb and other pavement elevations to establish the pre-construction conditions.

The restored paving elevations shall correspond to the elevations established prior to construction in the area, or as modified by the Engineer, to allow for drainage of the area.

Curbs and sidewalks shall be removed to the nearest joint scorings. Concrete street panels will be removed from joint to joint, unless otherwise directed by the Engineer or Owner. Should a field condition require saw cutting the existing pavement, there will be no direct payment for saw cutting. All expenses should be included in the applicable bid item for removal and replacement of paving.

Portland Cement Concrete Requirements for roadway pavement and curbs:

- (a) Seven (7) sacks of cement per cubic yard
- (b) 2 inch to 4 inch slump range
- (c) The use of Fly Ash in the mix will not be permissible.

The pavement shall not be opened to traffic until a compressive strength of 4,000 psi is attained, and in no case shall the pavement be opened to traffic within a three (3) day period after the concrete has been placed.

The final roadway surface finish shall be a "Drag Finish" as defined in the LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (2006 Edition or its latest revisions), or as otherwise directed by the Department of Sewerage.

## **2.06: Curbs, Gutters, and Miscellaneous**

Replacement of curbs, gutters, walks, dikes, and other like structures shall consist of similar and matching construction to that of adjoining undisturbed structures, which construction shall be at least equal in all respects to that of the structures or parts of structures removed in the work, and as shown on the standard details.

## **2.07: Testing Requirements**

All material and construction testing will be done as directed by the Engineer, or as follows:

Asphalt Roadways:

- (a) One base thickness verification per 600 square yards or fraction thereof.
- (b) One density test on the sub-base (if applicable) and base material per 600 square yards or fraction thereof.
- (c) One pavement core for the thickness verification per 600 square

Concrete Roadways:

- (a) One slump test minimum per 100 cubic yards (accumulated volume) of concrete or fraction thereof.
- (b) Four (4) cylinders minimum per 100 cubic yards (accumulated volume) of concrete or fraction thereof.
- (c) Independent densities, slumps, cylinders, cores, etc., will be required for isolated areas.

All initial testing shall be performed by the Parish's testing laboratory and at the Parish's expense. All costs for testing to determine compliance after the initial tests

shall be borne by the Contractor and deducted from payments due the Contractor. The total deductions for testing costs to be paid for by the Contractor will be included in the reconciliation of final quantities. Contractor is also responsible for all costs for canceled or rescheduled tests.

There shall be no adjustment in bid prices for pavement thickness deficiencies. If the concrete core is less than specified, two additional cores on the same slab within a five-foot (5') radius must be taken. If one of these cores is less than specified, then the entire panel (joint to joint) must be removed, additional cores on other adjacent panels within the core range (600 square yards) must be taken, and the same procedure followed.

Joint Sealers: All joints in roadway surface shall be cleaned and sealed with approved joint sealant.

### **2.08: Use of Wire Mesh**

Wire mesh or rebar shall be used in the replacement of sidewalks, driveways, and roadways, if it existed in the removed sections. The size and type used shall, at a minimum, be equal to, or better than that removed. There shall be no additional payment for the use of wire mesh or dowels into existing roadway (as per Jefferson Parish Engineering Standards).

### **2.09: Cleaning for Acceptance of Street**

Prior to acceptance, the Contractor shall be required to clean up any street as a result of construction activity, as directed by the Project Engineer/Owner's Representative.

## **SECTION 04000.1 BRICKWORK**

### **Part 1 - General**

#### **1.01: Scope of Work**

- A) The Contractor shall furnish all labor, materials, equipment, and incidentals necessary to complete all brickwork, as shown on Jefferson Parish drawings and/or specified herein. This shall include, but not be limited to, brick manhole repair in manholes, adjusting grade for manhole frames and covers, and any miscellaneous uses, as directed by the Engineer.
- B) The Contractor will only be allowed to use brick manholes when constructing a "dog house" type manhole, or when otherwise directed by the Engineer.

### **Part 2 - Products**

#### **2.01: Materials**

- A) Cement shall be domestic Portland cement, conforming to ASTM Designation C-150, Type II.
- B) Lime for mortar shall be hydrated, conforming to ASTM Designation C-207, Type S.
- C) Sand shall be clean, sharp, durable particles, preferable siliceous, and with not more than five percent (5%) in volume of loam, mica, clay, or other harmful substances, and free from injurious amounts of organic matter. The sand shall be graded from fine to coarse so that, when tested dry, it will conform to the limits of ASTM Specification for Aggregate for Masonry Mortar C-144. Sand for grout shall be such size that when dry, one-hundred percent (100%) shall pass a No. 200 sieve, and not over five percent (5%) by weight shall be retained on a No. 100 sieve.
- D) Water shall be free from injurious amounts of oils, acids, alkalis, or organic matter, and shall be clean and fresh.
- E) Brick shall be sound, hard, uniformly burned, regular, of standard sewer brick size, uniform in shape and size, of compact texture, and satisfactory to the Engineer. Bricks shall comply with the AASHTO M 91, Manhole Brick, Grade MM.

### **Part 3 - Execution**

#### **3.01: Installation**

- A) Mortar shall consist of 1 part cement, 3 parts sand, and hydrated lime, not to exceed ten percent (10%) of the weight of cement used. It shall be mixed only in such quantity as may be required for immediate use, and shall be used before the initial set has taken place. Mortar shall not be retained for more than 1-1/2 hours, and shall be constantly worked over with hoe or shovel until used. Prepared mortar shall not be allowed to stand in beds during the noon hour, or overnight. It must be mixed in the exact proportions specified herein. Approximate measurement of quantities will not be permitted.
- B) Antifreeze mixtures will not be allowed in the mortar.

- C) Bricks shall be cleaned and thoroughly wet shortly before they are put into the work, and each brick shall be laid in a full bed and joint of mortar, without requiring subsequent grouting, flushing, or filling. Joints between bricks shall not exceed 1/2 inch and shall be pointed. Bricks forming the shaped inverts in manholes shall be laid on edge, as shown on the details.

**3.02: Testing**

Brick manholes shall be visually inspected by the Engineer. All leaks discovered by the inspection shall be repaired by the Contractor at no additional cost to the Owner.

## **SECTION 13000 SMOKE TESTING**

### **Part 1 - General**

Smoke testing will be accomplished upon the completion of all point repairs, to determine if the repair is acceptable. Smoke testing may also be ordered on a limited basis, to identify defects on certain sewer line segments.

### **Part 2 - Products**

The smoke shall be blown by a specially designed gasoline powered blower. Blower pressure must be adequate (not less than 4000 cfm) to force smoke throughout the isolated line segment and to the ground surface through cracks, channels, loose adaptor connections, etc.

Standard non-toxic smoke bombs that will produce smoke for a minimum of 5 minutes shall be used.

### **Part 3 - Execution**

The Contractor will be required to isolate sewer line segments by plugging inlet lines at manholes, in order to conduct a proper smoke test. Only one line segment on each side of the blower shall be tested on a set up. Observations of leaks at the manhole and along the sewer line will be recorded on a field inspection report form, which will be supplied to the contractor by the Owner at the start of the Contract. (Sample at end of section)

Notification to residents:

The Contractor will be responsible for distributing a printed notification letter to residents, approved by the Department of Sewerage. The letter must indicate the nature of the work being conducted and the smoke testing procedures. This notice is to be distributed at least 48 hours prior to testing, but no earlier than 72 hours prior to testing. The notification letter is to be distributed to each household or commercial establishment located in the area to be smoke tested.

The Contractor will be required to notify both the Owner's representative and the local Fire Department at least 1 hour prior to smoke testing. The Owner's representative must be present to witness any smoke testing conducted, in order to verify an acceptable point repair.

### **Part 4 - Payment**

The cost for smoke testing in order to verify an acceptable point repair is considered incidental to a point repair. It will not be considered for separate payment. Should the smoke test reveal an unacceptable point repair, the Contractor will be required to correct the repair deficiency and re-smoke test the repair.

The cost for smoke testing when ordered to verify defects on line segments will be paid by the linear foot of line segment at the applicable unit bid price for smoke testing.



**SECTION 13010  
SEWER CLEAN-OUTS**

**Part 1 – General**

**1.01: Requirement**

When ordered, the Contractor will be required to install service lateral clean-outs. A sewer clean-out installation shall consist of all pipe, fittings, adopters, castings, and or cover boxes. Sewer clean-outs shall be Type 1, installed as shown on Jefferson Parish Standard details. The type to be installed will be indicated on the work order.

**Part 2 - Products**

**2.01: Approved pipe and fittings** (see Pipe Specification Section 02600)

**2.02: Clean-out Frame & Cover:** Vulcan V-8504, or approved equal.

**Part 3 - Execution**

Sewer clean-outs are to be installed as indicated on the Jefferson Parish Standard drawings. Sewer clean-out piping is to be installed from the depth of the service lateral to the existing grade line, so that the sewer clean-out plug fitting and cover are flush with the grade line.

**Part 4 - Payment**

Payment for installation of a Type 1 sewer clean-out will be made under the applicable unit bid price item.



## CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
\_\_\_\_\_  
INCORPORATED.

AT THE MEETING OF DIRECTORS OF \_\_\_\_\_  
INCORPORATED, DULY NOTICED AND HELD ON \_\_\_\_\_,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

RESOLVED. THAT \_\_\_\_\_, BE AND IS HEREBY  
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-  
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON  
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS  
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,  
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE  
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,  
CONTRACTS AND ACTS AND TO RECEIVE AND RECEIPT THEREFOR ALL  
PURCHASE ORDERS AND NOTICES ISSUED PURSUANT TO THE PROVISIONS OF  
ANY SUCH BID OR CONTRACT, THIS CORPORATION HEREBY RATIFYING,  
APPROVING, CONFIRMING, AND ACCEPTING EACH AND EVERY SUCH ACT  
PERFORMED BY SAID AGENT AND ATTORNEY-IN-FACT.

I HEREBY CERTIFY THE FOREGOING TO BE  
A TRUE AND CORRECT COPY OF AN  
EXCERPT OF THE MINUTES OF THE  
ABOVE DATED MEETING OF THE BOARD  
OF DIRECTORS OF SAID CORPORATION,  
AND THE SAME HAS NOT BEEN  
REVOKED OR RESCINDED.

\_\_\_\_\_  
**SECRETARY-TREASURER**

\_\_\_\_\_  
**DATE**

## **Public Works Bid Affidavit Instructions**

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

*Instruction sheet may be omitted when submitting the affidavit*

**Public Works Bid**

**AFFIDAVIT**

**STATE OF** \_\_\_\_\_

**PARISH/COUNTY OF** \_\_\_\_\_

BEFORE ME, the undersigned authority, personally came and appeared: \_\_\_\_\_  
\_\_\_\_\_, (Affiant) who after being by me duly sworn, deposed and said that  
he/she is the fully authorized \_\_\_\_\_ of \_\_\_\_\_ (Entity),  
the party who submitted a bid in response to Bid Number \_\_\_\_\_, to the Parish of  
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

**Choice B** \_\_\_\_\_ there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Affiant further said:

Debt Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the parish to the Affiant.

**Choice B** \_\_\_\_\_ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Affiant further said:

Affiant personally has not been convicted of, nor has he/she entered into a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below. No individual partner, incorporator, director, manager, officer, organizer, or member, who has a minimum of a ten percent ownership in the Bidding Entity, has been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below. A conviction of or plea of guilty or nolo contendere to the following state crimes or equivalent federal crimes shall permanently bar any person or the bidding entity from bidding on public projects:

- (a) Public bribery (R.S. 14:118)
- (b) Corrupt influencing (R.S. 14:120)
- (c) Extortion (R.S. 14:66)
- (d) Money laundering (R.S. 14:230)

A conviction of or plea of guilty or nolo contendere to the following state crimes or equivalent federal crimes shall bar any person or the bidding entity from bidding on public projects for a period of five years from the date of conviction or from the date of the entrance of the plea of guilty or nolo contendere:

- (a) Theft (R.S. 14:67)
- (b) Identity Theft (R.S. 14:67, 16)
- (c) Theft of a business record (R.S. 14:67.20)
- (d) False accounting (R.S. 14:70)
- (e) Issuing worthless checks (R.S. 14:71)
- (f) Bank fraud (R.S. 14:71.1)
- (g) Forgery (R.S. 14:72)
- (h) Contractors; misapplication of payments (R.S. 14:202)
- (i) Malfeasance in office (R.S. 14:134)

The five-year prohibition provided for in this section shall apply only if the crime was committed during the solicitation or execution of a contract or bid awarded pursuant to these provisions. If evidence is submitted substantiating that a false attestation has been made and the project must be readvertised or the contract cancelled, the awarded entity making the false attestation shall be responsible to the public entity for the costs of rebidding, additional costs due to increased costs of bids and any and all delay costs due to the rebid or cancellation of this project.

*[The remainder of this page is intentionally left blank.]*

Affiant further said:

- (1) Entity is registered and participates in a status verification system to verify that all employees in the State of Louisiana are legal citizens of the United States or are legal aliens.
- (2) Entity shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the State of Louisiana.
- (3) Entity shall require all subcontractors to submit to the Entity a sworn affidavit verifying compliance with statements (1) and (2).

\_\_\_\_\_  
Signature of Affiant

\_\_\_\_\_  
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name of Notary

\_\_\_\_\_  
Notary/Bar Roll Number

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

## INSURANCE REQUIREMENTS - BIDS

All insurance requirements shall conform to Jefferson Parish Resolution No. 113646 or No. 113647. The contractor shall not commence work under this contract until he has obtained all insurance and complied with the requirements of the specifications and said Parish Resolutions. Except as otherwise provided by law, the Parish Attorney's Office with the concurrence of the Director of Risk Management is authorized to omit in whole or part the insurance requirements of this section in connection with contracts. Vendors inquiring about this shall submit his written request to the Purchasing Department prior to the due date of the bid. Contractor must deliver and maintain such insurances as provided; failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

*Successful bidder will be required to procure standard insurance policies evidencing Parish mandated insurance requirements indicated below. The current certificate of insurance must be submitted by low bidder within 10 days after bid opening to the Purchasing Department. Failure to comply will cause bid to be rejected.*

### **1. WORKER'S COMPENSATION INSURANCE**

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

### **2. COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

### **3. COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.  
Property Damage Liability \$1,000,000.00 each occurrence.

## **DEDUCTIBLES**

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office.

## **UMBRELLA LIABILITY COVERAGE**

An umbrella policy or excess may be used to meet minimum requirements.

**CONSTRUCTION AND RENOVATION PROJECTS:**

Unless otherwise specified in the bid, these additional insurance is required. Such insurance is due upon contract execution.

**OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

**BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

**NOTE for CERTIFICATE HOLDER:**

All insurance certificates shall list the certificate holder as follows:

"The Parish of Jefferson, its Districts, Departments and Agencies under the direction of the Parish President and the Parish Council." Additionally, the address on the Certificates should reflect the department which is letting the bid and reference the respective bid number.

Revised 2.10.2014