

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110

(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: Burk-Kleinpeter, Inc.

and dated: November 2014
(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)

~~ADD. # 3 DATED 02-26-15~~ ADD. # 4 DATED 03-02-15 ~~ADD. # 1 DATED 2-11-15~~ ADD. # 2 DATED 02-20-15
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:

~~TEN MILLION TWO HUNDRED TWENTY ONE THOUSAND FIVE HUNDRED FORTY FIVE DOLLARS AND FIFTY THREE CENTS~~ Dollars (\$ 10,221,545.53)

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 (\$ n/a)

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

N/A Dollars (\$ n/a)

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

N/A Dollars (\$ n/a)

NAME OF BIDDER: FLEMING CONSTRUCTION COMPANY, L.L.C.
ADDRESS OF BIDDER: 23 EAST AIRLINE DRIVE
KENNER, LA 70062

LOUISIANA CONTRACTOR'S LICENSE NUMBER: 935

NAME OF AUTHORIZED SIGNATORY OF BIDDER: JANA FLEMING KATZ

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: MEMBER

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: Jana Fleming Katz
DATE: 3-17-2015 JANA FLEMING KATZ, MEMBER

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

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

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

**LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM**

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110

(Owner to provide name of project and other identifying information)

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

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Structures and Obstructions			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-01-00100	1	Lump Sum	30,000.00	30,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Drives			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-02000	110	Square Yard	15.00	1,650.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-02020	8,107	Square Yard	12.00	97,284.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Catch Basin			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-06060	87	Each	120.00	10,440.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Walks and Drives (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-06100	2,628	Square Yard	15.00	39,420.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-26000	1	Each	1,000.00	1,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Pipe (Storm Drain)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-32140	1,628	Linear Foot	40.00	65,120.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Portland Cement Concrete Pavement (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-32500	7,795	Square Yard	10.00	77,950.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ General Excavation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
203-01-00100	6,522	Cubic Yard	15.00	97,830.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Embankment			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
203-03-00100	100	Cubic Yard	30.00	3,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geotextile Fabric (Under Roadway Sub-base Mat'l)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
203-08-00100	18,613	Square Yard	1.25	23,266.25

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Class II Base Course			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
302-01-00100	3,002	Cubic Yard	70.00	210,140.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Maintenance Aggregate (Vehicular Measurement)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
402-01-00100	1,467	Cubic Yard	25.50	37,408.50

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
501-01-A	2,210	Ton	150.00	331,500.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete, Drives, Turnouts and Miscellaneous			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
501-01-B	171	Ton	300.00	51,300.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Cold Planing Asphaltic Pavement (2" Thk.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
509-01-00100	3,505	Square Yard	10.00	35,050.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Portland Cement Concrete Pavement (7" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
601-01-00100	7,807	Square Yard	70.00	546,490.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (15" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-03-01000	1,012	Lin. Ft.	150.00	151,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (18" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-03-01020	212	Lin. Ft.	165.00	34,980.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (24" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-03-01040	422	Linear Foot	180.00	75,960.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (30" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-03-01060	232	Linear Foot	155.00	35,960.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (36" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-03-01080	930	Linear Foot	215.00	199,950.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (48" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-03-01100	662	Linear Foot	280.00	185,360.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (54" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-03-01120	242	Linear Foot	340.00	82,280.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (15" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-04-01000	49	Linear Foot	215.00	10,535.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (18" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-04-01020	26	Linear Foot	210.00	5,460.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (36" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-04-01080	944	Linear Foot	225.00	212,400.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (42" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-04-01100	210	Linear Foot	240.00	50,400.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(48" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-04-01120	266	Linear Foot	275.00	73,150.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(54" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-04-01140	275	Linear Foot	365.00	100,375.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(60" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-04-01160	312	Linear Foot	435.00	135,720.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(72" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-04-01180	1,982	Linear Foot	555.00	1,100,010.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(84" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
701-04-01200	512	Linear Foot	655.00	335,360.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Junction Boxes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-01-00100	13	Each	60,000.00	780,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Conflict Boxes (as per Parish Standard Details)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-01-A	7	Each	66,000.00	462,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manholes (MH-06)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-02-00100	2	Each	4,000.00	8,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-01) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-03-A	14	Each	5,200.00	72,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-02) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-03-B	37	Each	5,200.00	192,400.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04a) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-03-C	18	Each	8,500.00	153,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-05) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-03-D	1	Each	7,500.00	7,500.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Jefferson Parish Drop Inlet			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-03-E	60	Each	5,500.00	330,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04b) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-03-F	4	Each	6,500.00	26,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Adjusting Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
702-04-00100	6	Each	500.00	3,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Walks (4" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
706-01-00100	198	Square Yard	70.00	13,860.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Drive (6" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
706-02-00300	1,896	Square Yard	75.00	142,200.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Handicap Curb Ramps			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-04-00100	68	Each	2,500.00	170,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Curb (Mountable)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
707-01-00300	5,810	Linear Foot	10.00	58,100.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Temporary Signs and Barricades			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
713-01-00100	1	Lump Sum	35,000.00	35,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Slab Sodding (St. Augustine)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
714-01-00600	2,400	Square Yard	7.00	16,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Topsoil			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
715-01-00100	400	Cubic Yard	45.00	18,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Project Site Laboratory			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
722-02-00100	1	Lump Sum	25,000.00	25,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Granular Material (Net Section)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
723-01-00100	5,292	Cubic Yard	30.00	158,760.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Mobilization (5%)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
727-01-00100	1	Lump Sum	800,000.00	800,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Light Poles (relocate existing foundation, pole and service feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-15-01000	2	Each	8,300.00	16,600.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Service Pole (replace service pole and overhead feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-18-01000	3	Each	5,700.00	17,100.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Reflectorized Raised Pavement Markers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
731-02-00100	34	Each	22.00	748.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01000	2,657	Linear Foot	2.50	6,642.50

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(24" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01080	120	Linear Foot	20.00	2,400.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Construction Layout			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
740-01-00100	1	Lump Sum	33,000.00	33,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (6") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-106	199	Linear Foot	100.00	19,900.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208	111	Linear Foot	200.00	22,200.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208-P	150	Linear Foot	160.00	24,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (10") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-210-P	50	Linear Foot	195.00	9,750.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (12") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-212	70	Linear Foot	225.00	15,750.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (24") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-224	20	Linear Foot	410.00	8,200.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Normal Depth Manhole (Brick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-411	5	Each	3,500.00	17,500.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 6" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-06	3	Each	3,000.00	9,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 8" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-08	41	Each	3,600.00	147,600.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 10" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-503-10	1	Each	3,700.00	3,700.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 12" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-503-12	3	Each	3,700.00	11,100.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 24" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-503-24	12	Each	4,400.00	52,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-608	6	Each	70.00	420.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-612	2	Each	110.00	220.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (24")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-624	2	Each	610.00	1,220.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Abandoned Existing Gravity Sewer Lines			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-901	548	Linear Foot	35.00	19,180.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Main to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-903	8	Each	2,200.00	17,600.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Service Connection to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-904	2	Each	2,200.00	4,400.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pre-construction and Post-construction Pipe Cleaning and Video Inspection			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-906	13,942	Linear Foot	3.00	41,826.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-104	350	Linear Foot	68.00	23,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-106	124	Linear Foot	70.00	8,680.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-108	1272	Linear Foot	80.00	101,760.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-112	1073	Linear Foot	100.00	107,300.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-202	50	Linear Foot	50.00	2,500.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-204	38	Linear Foot	90.00	3,420.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-206	65	Linear Foot	135.00	8,775.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-208	1,007	Linear Foot	140.00	140,980.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-212	70	Linear Foot	200.00	14,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-216	145	Linear Foot	215.00	31,175.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-404	1	Each	800.00	800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-406	2	Each	900.00	1,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-408	30	Each	1,200.00	36,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-412	2	Each	2,500.00	5,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-704	12	Each	55.00	660.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-706	13	Each	65.00	845.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-708	521	Each	80.00	41,680.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (10")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-710	2	Each	165.00	330.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-712	27	Each	165.00	4,455.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-716	26	Each	450.00	11,700.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (2") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-802	2	Each	120.00	240.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (4") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-804	9	Each	200.00	1,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (6") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-806	11	Each	260.00	2,860.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (8") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-808	70	Each	270.00	18,900.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (12") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-812	5	Each	450.00	2,250.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fittings for Waterlines (DI) (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-901	12,437	Pound	4.90	60,941.30

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-902	2	Each	5,200.00	10,400.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant Assembly			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-902-A	4	Each	5,500.00	22,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Service Connection (< 1")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-903-0	88	Each	600.00	52,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-907-4	38	Linear Foot	30.00	1,140.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-907-6	483	Linear Foot	30.00	14,490.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-907-8	2,663	Linear Foot	30.00	79,890.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-907-12	1,027	Linear Foot	30.00	30,810.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
W-907-16	145	Linear Foot	30.00	4,350.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Site Preparation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-001	1	Lump Sum	1,000.00	1,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geogrid			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-002	12,462	Square Yard	3.00	37,386.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Cement Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-003	280	Linear Foot	6.00	1,680.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-004	2,321	Linear Foot	6.00	13,926.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie Proposed Drainage Into Existing Retaining Wall Channel			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-005	6	Each	50,000.00	300,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Trees, Shrubs and Groundcovers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-006	1	Lump Sum	12,000.00	12,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x6'x4' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-008-A	12	Each	1,500.00	18,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x8'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-008-B	11	Each	1,500.00	16,500.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-008-C	14	Each	1,500.00	21,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x8' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-008-D	14	Each	2,000.00	28,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Control and Management			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-010	1	Lump Sum	35,000.00	35,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 36" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-011	21	Each	1,000.00	21,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 48" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-012	2	Each	1,500.00	3,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 54" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-013	1	Each	2,326.98	2,326.98

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 72" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
SI-014	31	Each	3,800.00	117,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Service Connection "Pipe"			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
S-502	1440	Linear Foot	3.00	4,320.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Shallow)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-S	6	Each	300.00	1,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Medium)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-M	6	Each	600.00	3,600.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-D	6	Each	1,000.00	6,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (16") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-816	2	Each	1,200.00	2,400.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-108	461	Linear Foot	110.00	50,710.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (20") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-220	18	Linear Foot	485.00	8,730.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-606	96	Each	30.00	2,880.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ House Connection Survey			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-908	36	Each	750.00	27,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (PVC/C-905 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-116	921	Linear Foot	110.00	101,310.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Butterfly and Valve Box			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-516	5	Each	3,000.00	15,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (HDPE Pipe) [DR 9]			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-302	178	Linear Foot	30.00	5,340.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-108	73	Linear Foot	160.00	11,680.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-110	104	Linear Foot	200.00	20,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-208	40	Linear Foot	210.00	8,400.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-210	40	Linear Foot	240.00	9,600.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Air and Vacuum Release Valves			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-903	2	Each	8,500.00	17,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Flowable Fill			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
710-01-00100	60	Cubic Yards	400.00	24,000.00

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

BID BOND

KNOW ALL MEN BY THESE PRESENTS that we, the undersigned,

Fleming Construction Company, L.L.C.

as PRINCIPAL, and

Liberty Mutual Insurance Company

as SURETY, are held and firmly bound unto the Parish of Jefferson, hereinafter called the "OWNER", in the penal sum of:

Five Per Cent of Amount Bid --

DOLLARS (\$ 5% of Bid) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid dated March 17, 2015, for

Public Works Project No.2009-063-DR
Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements

NOW, THEREFORE, if the Principal shall not withdraw said Bid within the period specified therein after the opening of the same or, if no period be specified, within forty-five (45) days after the said opening, and shall within the period specified therefore or, if no period be specified, within twelve (12) days after the prescribed forms are presented to him for signature, enter into a written Contract with the Parish in accordance with the Bid as accepted, and give bond with good and sufficient surety or sureties, as may be required, for the faithful performance and proper fulfillment of such Contract; or in the event of the withdrawal of said Bid within the period specified, or the failure to enter into such Contract and give such bond within the time specified, if the Principal shall pay the Parish the difference between the amount specified in said Bid and the amount for which the Parish may procure the required work or supplies, or both, if the latter be in excess of the former, then the above obligation shall be void and of no effect, otherwise, to remain in full force and virtue.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument under their several seals this 17th day of March, 2015, the name and corporate seal of each corporate party being hereto affixed and these presents signed by its undersigned representative, pursuant to authority of its governing body.

BID BOND (continued)

In Presence of:

(Individual Principal)

(Business Address, including Zip Code)

(Partnership)

(SEAL)

(Business Address, including Zip Code)

ATTEST:

Debbie B. Clement

DEBBIE B. CLEMENT, SECRETARY

BY: _____

Fleming Construction Company, L.L.C.
(Corporate Principal)

23 East Airline Drive, Kenner, LA 70062

(Business Address, including Zip Code)

BY: Jana Fleming Katz
AFFIX CORPORATE SEAL

JANA FLEMING KATZ, MEMBER

ATTEST:

Cynthia A. Vandy

Liberty Mutual Insurance Company
(Corporate Surety)

8350 N. Central Expressway, Suite 850, Dallas, TX 75206

(Business Address, including Zip Code)

BY: Rita G. Gulizo

AFFIX CORPORATE SEAL
Rita G. Gulizo, Attorney-in-Fact

Countersigned:

BY: Rita G. Gulizo
Attorney-in-Fact*

State of Louisiana

LA Agent License No. 225819

BB-2

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6716034

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Michael F. Tubbs; Rita G. Gulizo; Susan D. Zapalowski

all of the city of New Orleans, state of LA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 18th day of September, 2014.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 18th day of September, 2014, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 17th day of March, 2015.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

CORPORATE RESOLUTION

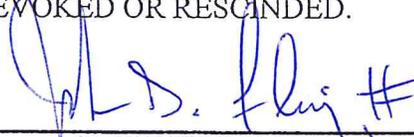
EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
FLEMING CONSTRUCTION COMPANY, L.L.C.

INCORPORATED.

AT THE MEETING OF DIRECTORS OF FLEMING CONSTRUCTION COMPANY, L.L.C.
INCORPORATED, DULY NOTICED AND HELD ON JULY 31, 2013,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED. THAT JANA FLEMING KATZ, 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

JACK D. FLEMING, II, MANAGER/MEMBER

3-17-2015

DATE

JFK

ADDENDUM NO. 1

TO: ALL PLAN HOLDERS OF RECORD

PROJECT: Jefferson Parish Department of Public Works
**MAPLEWOOD DRIVE/PAILET STREET
DRAINAGE IMPROVEMENTS**

ENGINEER: BURK-KLEINPETER, INC.
ENGINEERS•ARCHITECTS•PLANNERS•ENVIRONMENTAL SCIENTISTS
4176 Canal St.
New Orleans, LA 70119

PUBLIC WORKS PROJECT NO.: 2009-063-DR
PROPOSAL NO.: 50-00112110
ENGINEER'S PROJECT NO.: NO.10.062
BID OPENING: Thursday February 19, 2015

DATE: February 11, 2015

This Addendum, including all written and graphic attached data, forms a part of the Contract Documents and modifies, interprets, and amends the original drawings and specifications as issued for bid, as dated November 5, 2014, and as modified (if at all) prior to issuance of this Addendum.

Bidders are to acknowledge receipt of Addendum on the Bid Form.

Bidder is responsible to disseminate this addendum to all subcontractors and material suppliers concerned.

The following revisions are hereby made a part of the Contract Documents and supersede and supplement all portions of the bidding documents with which it conflicts as if written therein.

GENERAL COMMENTS / CLARIFICATIONS

The bid opening has been extended by two weeks from February 19, 2015 at 2pm to Thursday March 5, 2015 at 2pm. Please reference Advertisement to Bid for location and other specifics about the bid opening. Postponement due to impending design changes and upcoming Parish holidays.

END OF ADDENDUM NO. 1

JFK

ADDENDUM NO. 2
TO THE
CONSTRUCTION SPECIFICATIONS AND CONTRACT DOCUMENTS
FOR
MAPLEWOOD DRIVE / PAILET STREET
DRAINAGE IMPROVEMENTS
PUBLIC WORKS PROJECT NO. 2009-063-DR
PROPOSAL NO. 50-00112110

JEFFERSON PARISH
PUBLIC WORKS DEPARTMENT

PREPARED BY:

JEFFERSON PARISH ENGINEERING DEPARTMENT
1221 ELMWOOD PARK BOULEVARD, SUITE 802
JEFFERSON, LOUISIANA 70123

FEBRUARY 20, 2015

I. GENERAL:

1. The following addendum to plans and specifications shall be considered a part of the Contract Documents as if originally written and included in same. General contractors are cautioned to see that attention to all subcontractors and suppliers are called to the changes in this addendum which may affect their work.
2. Bidders are to acknowledge receipt of this specific Addendum in the Proposal.
3. The date, time, and location of the bid opening are unchanged and remain as Thursday, March 5, 2015 at 2:00 p.m. Please reference Advertisement to Bid for location and other specifics about the bid opening.
4. Copy of Pre-Bid Sign-In Sheet is attached and made part of this Addendum No. 2.

II. PERTAINING TO THE PLANS:

1. Summary of Estimated Quantities, Sheet No. C1.2:
 - a) Revise Item No. 701-03-01100 to read "Storm Drain Pipe (48" RCP)" in lieu of "Storm Drain Pipe (48" RCP/PP)."
 - b) Revise Item No. 701-03-01120 to read "Storm Drain Pipe (54" RCP)" in lieu of "Storm Drain Pipe (54" RCP/PP)."
 - c) Revise Quantity of Item No. S-208-P, Sewer Main (8") (PVC/C-900, Green) from 700 Lin Ft to 150 Lin Ft.
 - d) Revise Quantity of Item No. S-210-P, Sewer Main (10") (PVC/C-900, Green) from 73 Lin Ft to 50 Lin Ft.
 - e) Revise Quantity of Item No. S-212, Sewer Main (12" Ductile Iron) from 20 Lin Ft to 70 Lin Ft.
 - f) Revise Quantity of Item No. S-224, Sewer Main (24" Ductile Iron) from 18 Lin Ft to 20 Lin. Ft.
 - g) Revise Quantity of Item No. S-502, Sewer Service Connection "Pipe" from 517 Lin Ft to 1,440 Lin Ft. This Item is required and is not a Contingency Item.
 - h) Revise Quantity of Item No. S-612, Shielded Coupling from 1 Each to 2 Each.
 - i) Revise Quantity of Item No. S-624, Shielded Coupling from 1 Each to 2 Each.
 - j) Revise Quantity of Item No. S-903, Tie-in, New Main to Existing Sewer Manhole from 2 Each to 8 Each.
 - k) Revise Quantity of Item No. W-104, Water Main (4") (PVC/C-900 Pipe) from 320 Lin Ft to 350 Lin Ft.
 - l) Revise Quantity of Item No. W-816, Transitional Couplings (16") (Jefferson Parish) from 1 Each to 2 Each. This Item is required and is not a Contingency Item.
 - m) Add Item No. S-108, Sewer Main (8") (PVC/SDR 26 Pipe), 461 Lin Ft.
 - n) Add Item No. S-220, Sewer Main (20" Ductile Iron), 18 Lin Ft.
 - o) Add Item No. S-606, Shielded Coupling (6"), 96 Each.

- p) Add Item No. S-908, House Connection Survey, 36 Each.
- q) Add Item No. W-116, Water Main (16") (PVC/C-905 Pipe), 921 Lin Ft.
- r) Add Item No. W-302, Water Main (2") (HDPE Pipe) (DR 9), 178 Lin Ft.
- s) Add Item No. W-516, Butterfly Valve and Valve Box (16"), 5 Each.
- t) Add Item No. SF-108, Sewer Force Main (8") (PVC/C-900), 73 Lin Ft
- u) Add Item No. SF-110, Sewer Force Main (10") (PVC/C-900), 104 Lin Ft
- v) Add Item No. SF-208, Sewer Force Main (8") (Ductile Iron Pipe – Protecto 401), 40 Lin Ft
- w) Add Item No. SF-210, Sewer Force Main (10") (Ductile Iron Pipe – Protecto 401), 40 Lin Ft
- x) Add Item No. SF-903, Air and Vacuum Release Valve Manhole, 2 Each
- y) Add Item No. 710-01-00100, Flowable Fill, 60 Cu Yds.
- z) The following Bid Items are Contingency Items: S-503-06, S-503-08, S-503-10, S-503-12, and S-503-24.

2. Typical Sections, Sheet No. C2.0:

- a) Bedding Material details for 54" x 88" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Delete Note No. 3 related to "Timber Sheeting" in its entirety.
- c) Delete Note No. 4 related to "Sheeting and Bracing System" in its entirety.
- d) Existing 16" AC Waterline shall be removed. New 16" PVC Water Main shall be installed with centerline parallel and 3 ft south of the northern 36th Street property line.
- e) Required 54" x 88" RCPA shall be shifted approximately 4 ft to the north and shall be installed with centerline parallel and 12 ft south of the northern 36th Street property line.

3. Typical Sections, Sheet No. C2.1:

- a) Bedding Material details for 54" x 88" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Delete Note No. 3 related to "Timber Sheeting" in its entirety.
- c) Delete Note No. 4 related to "Sheeting and Bracing System" in its entirety.
- d) Existing 16" AC Waterline shall be removed. New 16" PVC Water Main shall be installed with centerline parallel and 3 ft south of the northern 36th Street property line.
- e) Required 54" x 88" RCPA shall be shifted approximately 4 ft to the north and shall be installed with centerline parallel and 12 ft south of the northern 36th Street property line.

4. Typical Sections, Sheet No. C2.2:

- a) Bedding Material details for 54" x 88" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13,

Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.

- b) Delete Note No. 3 related to "Timber Sheeting" in its entirety.
- c) Delete Note No. 4 related to "Sheeting and Bracing System" in its entirety.
- d) Existing 16" AC Waterline shall be removed. New 16" PVC Water Main shall be installed with centerline parallel and 3 ft south of the northern 36th Street property line.
- e) Required 54" x 88" RCPA shall be shifted approximately 4 ft to the north and shall be installed with centerline parallel and 12 ft south of the northern 36th Street property line.
- f) Delete "New 6" SS C-900 Pressure Pipe" detailed in Typical Roadway Section: Sta. 10+39.33 to Sta 11+74.64 (36th Street / Lloyd Lewis Street)

5. Typical Sections, Sheet No. C2.3:

- a) Bedding Material details for 54" x 88" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Delete Note No. 3 related to "Timber Sheeting" in its entirety.
- c) Delete Note No. 4 related to "Sheeting and Bracing System" in its entirety.

6. Typical Sections, Sheet No. C2.4:

- a) Bedding Material details for 54" x 88" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Exist. 8" Vitrified Clay Sewer Pipe denoted "To Remain" in Typical Roadway Section: Sta. 2+96.00 - Sta 6+10.00 (38th Street) shall be removed and a new 8" PVC SDR 26 Sewer Main shall be installed with centerline parallel and 5 ft north of the centerline of 38th Street.

7. Typical Sections, Sheet No. C2.5:

- a) Bedding Material details for 54" x 88" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Exist. Storm Drain denoted "To Remain" in Typical Roadway Section: Sta. 6+10.00 – Sta. 6+89.59 (38th Street) shall be removed.

8. Typical Sections, Sheet No. C2.6:

- a) Bedding Material details for 48" RCP, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Delete Note No. 3 related to "Timber Sheeting" in its entirety.
- c) Delete Note No. 4 related to "Sheeting and Bracing System" in its entirety.

9. Typical Sections, Sheet No. C2.7:

- a) Bedding Material details for 48" RCP, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Delete Note No. 3 related to "Timber Sheeting" in its entirety.
- c) Delete Note No. 4 related to "Sheeting and Bracing System" in its entirety.

10. Typical Sections, Sheet No. C2.7a:

- a) Bedding Material details for 54" x 88" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Delete "Exist. 8" Vitrified Clay Sewer Pipe To Remain" and replace with "Exist. 24" Ductile Iron Sewer Pipe To Remain."

11. Typical Sections, Sheet No. C2.8:

- a) Bedding Material details for 40" x 65" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Delete Note No. 3 related to "Timber Sheeting" in its entirety.
- c) Delete Note No. 4 related to "Sheeting and Bracing System" in its entirety.
- d) Required 40" x 65" RCPA shall be shifted approximately 2 ft to the west and shall be installed with centerline parallel and 10.5 ft west of the centerline of the existing 8" T.C. Sanitary Sewer Line (To Remain).
- e) Exist. Storm Drain denoted "To Remain" in Typical Roadway Section: Sta. 0+87.15 To Sta 3+00.23 (Estalote Avenue) shall be removed.

12. Typical Sections, Sheet No. C2.9:

- a) Bedding Material details for 36" RCP, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Required 36" RCP shall be shifted approximately 2 ft to the west and shall be installed with centerline parallel and 10 ft west of the centerline of the existing 8" T.C. Sanitary Sewer Line (To Remain).
- c) Exist. Storm Drain denoted "To Remain" in Typical Roadway Section: Sta. 3+29.00 To Sta 6+00.00 (Estalote St. @38th St.) and in Typical Roadway Section: Sta. 6+00.00 To Sta 6+38.00 (Estalote St. @ 38th St.) shall be removed.

13. Typical Sections, Sheet No. C2.10:

- a) Bedding Material details for 36" RCP, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Required 36" RCP shall be shifted approximately 2 ft to the west and shall be installed with centerline parallel and 10 ft west of the centerline of the existing 8" T.C. Sanitary Sewer Line (To Remain).
- c) Exist. Storm Drain denoted "To Remain" in Typical Roadway Section: Sta. 6+38.00 To Sta 6+96.00 (Estalote St. @ 38th St.) and in Typical Roadway Section: Sta. 7+43.52 To Sta 9+03.94 (Estalote St. @ Shirley St.) shall be removed.

14. Typical Sections, Sheet No. C2.11:

- a) Bedding Material details for 36" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Required 36" RCP shall be shifted approximately 2 ft to the west and shall be installed with centerline parallel and 10 ft west of the centerline of the existing 8" T.C. Sanitary Sewer Line (To Remain).
- c) Exist. Storm Drain denoted "To Remain" in Typical Roadway Section: Sta. 9+11.08 To Sta 11+70.58 (Estalote St. @ Shirley St.) shall be removed.

15. Typical Sections, Sheet No. C2.11a:

- a) Bedding Material details for 36" RCP and 48" RCP, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Delete "Exist. Roadway (To Remain)" and replace with "Mill Exist. Roadway 2" Deep; New 2" Thick Wearing Course (Type III) To Match Exist. Grade" on both Typical Roadway Sections.

16. Typical Sections, Sheet No. C2.12:

- a) Bedding Material details for 30" RCP and 54" RCP, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Delete Note No. 3 related to "Timber Sheeting" in its entirety.
- c) Delete Note No. 4 related to "Sheeting and Bracing System" in its entirety.

17. Typical Sections, Sheet No. C2.13:

- a) Bedding Material details for 30" RCP, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical

(RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.

- b) Delete Note No. 3 related to "Timber Sheeting" in its entirety.
- c) Delete Note No. 4 related to "Sheeting and Bracing System" in its entirety.
- d) Existing 2" Waterline shall be removed. New 2" HDPE Water Main shall be installed as detailed on Plan and Profile Sht. No. C4.13.

18. Typical Sections, Sheet No. C2.14:

- a) Bedding Material details for 30" RCP and 24" RCP, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Req'd 30" Ø RCP Drain Line is an outfall; therefore, plastic pipe will not be allowed.

19. Typical Sections, Sheet No. C2.15:

- a) Bedding Material details for 27" x 40" RCPA and 45" x 73" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.

20. Typical Sections, Sheet No. C2.16:

- a) Bedding Material details for 62" x 102" RCPA and 27" x 44" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.
- b) Exist. Sanitary Sewer, 8" Ø T.C. Pipe denoted "To Remain" in Typical Roadway Section: Sta. 1+65.77 – 5+38 (7th St. Baseline "B") shall be denoted "To Remain" from Sta. 1+65.77 to Sta. 3+30 (±); "To Be Abandoned In Place and Filled with Flowable Fill" from Sta. 3+30 (±) to Sta. 5+02 (±); "To Be Removed" from Sta. 5+02 (±) to Sta. 5+38; New 8" PVC SDR 26 Sewer Main shall be installed from Sta. 3+30 (±) to Sta. 5+38 in location detailed on Plan Profile Sheets."
- c) Exist. Sanitary Sewer, 8" Ø T.C. Pipe denoted "To Remain" in Typical Roadway Section: Sta. 5+38 – 6+62 (7th St. Baseline "B") shall be denoted "To Be Removed" from Sta. 5+38 to Sta. 6+62; New 8" PVC SDR 26 Sewer Main shall be installed from Sta. 5+38 to Sta. 6+62 in location detailed on Plan Profile Sheets."

21. Typical Sections, Sheet No. C2.17:

- a) Bedding Material details for 31" x 51" RCPA and 36" x 58" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.

22. Typical Sections, Sheet No. C2.18:

- a) Bedding Material details for 27" x 44" RCPA, including excavation limits, geogrid, geotextile fabric, backfill, and sheeting and bracing shall be superseded by Jefferson Parish Standard Plan Sheet No. ADD2-C7.13, Typical (RCP), (RCPA), & (PVC) Pipe Details for Maplewood/Paillet Drainage Improvements.

23. General Notes, Sheet No. C3.1:

- a) Delete Drainage Note No. 12 in its entirety.

24. Plan Profile, All Sheets (C4.0 – C4.21)

- a) All round drain pipes 36" diameter or less denoted as RCP shall be RCP or PP with the following exceptions: 1) outfall pipes shall be RCP only; 2) lateral drain pipes connecting to a mainline tee or a mainline wye shall be of the same material type as the mainline tee or wye.
- b) All round drain pipes 42" diameter or greater and all arch drain pipes shall be RCP only.

25. Plan Profile, Sheet No. C4.0:

- a) Eliminate Req'd Conflict Box # 01 at Sta. 3+06.02
- b) In both plan and profile views, replace Req'd 54" x 88" RCPA x 11 LF and Req'd 54" x 88" RCPA x 272 LF with Req'd 54" x 88" RCPA x 287 LF extending from Junction Box # 01 to Junction Box # 02.
- c) In the plan view, the existing 16" AC Waterline shall be removed and a new 16" PVC Water Main shall be installed with centerline parallel and 3 ft south of the northern 36th Street property line.
- d) In the plan view, Junction Box # 01 and the required 54" x 88" RCPA x 287 LF (Junction box No.1 to Junction box No. 2) shall be shifted approximately 4 ft to the north and shall be installed with centerline parallel and 12 ft south of the northern 36th Street property line. New JP Drop Inlet No.1, and the Req'd 18" RCP x 4 LF (Junction box No. 1 to New JP Drop Inlet No.1) shall also be shifted 4 ft to the north.
- e) In profile view, raise invert of Req'd 54" x 88" RCPA x 287 LF by 1.73 ft to an invert of 9.45 at Junction Box # 01 and to an invert of 8.88 at Junction Box # 02.
- f) In both plan and profile views, revise the NE Inv. Of Junction Box # 1 from 7.72 to 9.45.
- g) In both plan and profile views, revise the NW Inv. of the Req'd 48" RCP at Sta. 2+89.63 from 9.45 to 9.48, revise the SE Inv. from 7.72 to 9.46, and revise the pipe length from 14 LF to 18 LF.
- h) In both plan and profile views, revise the pipe length of the Exist 21" VCP SS to be removed and the Req'd 24" D.I. SS at Sta. 3+06.02 from 18 LF to 22 LF.
- i) In both plan and profile views, revise the NW Inv. of the Req'd 18" RCP and the Inv. of Req'd Drop Inlet # 02 at Sta. 3+17.19 from 10.02 to 11.00 and revise the pipe length from 5 LF to 2 LF.
- j) In both plan and profile views, revise the NW Inv. of the Req'd 15" RCP and the Inv. of Req'd Drop Inlet # 03 at Sta. 4+44.44 from 9.08 to 10.81 and revise the pipe length from 9 LF to 5 LF.

26. Plan Profile, Sheet No. C4.1:

- a) In the plan view, Junction Box # 02 shall be shifted 2 Ft to the west.
- b) In both plan and profile views, replace Req'd 54" x 88" RCPA x 272 LF with Req'd 54" x 88" RCPA x 287 LF extending from Junction Box # 01 to Junction Box # 02 and replace Req'd 54" x 88" RCPA x 3 LF with Req'd 54" x 88" RCPA x 5 LF extending from Junction Box # 02 to Conflict Box # 02.
- c) In profile view, raise invert of Req'd 54" x 88" RCPA x 287 LF by 1.73 ft to an invert of 9.45 at Junction Box # 01 and to an invert of 8.88 at Junction Box # 02.
- d) In the plan view, the existing 16" AC Waterline shall be removed and a new 16" PVC Water Main shall be installed with centerline parallel and 3 ft south of the northern 36th Street property line.
- e) In the plan view, the required 54" x 88" RCPA x 287 LF (Junction Box No. 1 to Junction Box No. 2), Junction Box # 02, the required 54" x 88" RCPA x 5 LF (Junction Box No. 2 to Conflict box no. 2), Conflict Box # 02, the required 54" x 88" RCPA x 286 LF (Conflict Box # 02 to Conflict Box # 03), Conflict Box # 03, and the required 54" x 88" RCPA x 291 LF (Conflict Box # 03 to Junction Box No. 3) shall be shifted approximately 4 ft to the north and shall be installed with centerline parallel and 12 ft south of the northern 36th Street property line.
- f) In both plan and profile views, revise the pipe length of the Req'd 18" RCP at Sta. 5+83.78 from 20 LF to 16 LF.
- g) In both plan and profile views, revise the pipe length of the Req'd 40" x 65" RCPA at Sta. 5+83.78 from 14 LF to 18 LF.
- h) In both plan and profile views, revise the pipe length of the Exist 8" VCP SS to be removed and the Req'd 8" D.I. SS at Sta. 5+92.47 from 20 LF to 24 LF.
- i) In both plan and profile views, revise the pipe length of the Req'd 18" RCP at Sta. 6+09.78 from 20 LF to 16 LF.
- j) In both plan and profile views, revise the pipe length of the Req'd 18" RCP at Sta. 8+65.92 from 3 LF to 2 LF.
- k) In both plan and profile views, revise the pipe length of the Exist 8" VCP SS to be removed and the Req'd 8" D.I. SS at Sta. 8+83.24 from 20 LF to 24 LF.
- l) In both plan and profile views, revise the pipe length of the Req'd 18" RCP at Sta. 8+96.66 from 3 LF to 2 LF.
- m) In both plan and profile views, delete Req'd 6" SS Pipe x 199 LF.
- n) At the contractor's option, in lieu of the invert detailed in the plans, all Req'd New JP Drop Inlets may be installed at a higher invert providing the following conditions are met: 1) 2 Ft minimum cover shall be provided over required lateral drain pipes; 2) invert cannot be set higher than existing drain pipe to remain; 3) required lateral drain pipe must clear all existing and required utilities; 4) wye of tee shall be rotated as necessary to accept required lateral drain pipe from revised invert.

27. Plan Profile, Sheet No. C4.2:

- a) In the plan view, the existing 16" AC Waterline shall be removed and a new 16" PVC Water Main shall be installed with centerline parallel and 3 ft south of the northern 36th Street property line.

- b) In the plan view, the required 54" x 88" RCPA x 291 LF (Conflict Box # 03 to Junction Box No. 3) and Junction Box # 03 shall be shifted approximately 4 ft to the north and shall be installed with centerline parallel and 12 ft south of the northern 36th Street property line.
- c) In both plan and profile views, revise the pipe length of the Req'd 18" RCP at Sta. 11+83.31 from 14 LF to 11 LF.
- d) In both plan and profile views, delete Req'd 6" SS Pipe x 199 LF.
- e) At the contractor's option, in lieu of the invert detailed in the plans, Req'd New JP Drop Inlet at Sta. 11+80.16, 32.05 Ft Lt may be installed at an invert of 11.55 in lieu of 9.00 providing the following conditions are met: 1) required lateral drain pipe must clear all existing and required utilities; 2) tee shall be rotated as necessary to accept required lateral drain pipe from revised invert.

28. Plan Profile, Sheet No. C4.3:

- a) In the plan and profile views, the existing 8" TC Gravity sewer Line shall be removed from Sta. 2+98.61 to Sta. 5+00. A new JP Sewer Manhole shall be installed at Sta. 3+35, 5 ft left of the centerline of 38th St with an invert of 9.56; a new 8" PVC / SDR 26 Gravity Sewer line, 34 LF, will be installed from the existing sewer manhole at Sta. 2+98.61 at the existing invert elevation of 9.35 (\pm) to the new manhole at Sta. 3+35 with invert of 9.56; a new 8" PVC / SDR 26 Gravity Sewer line, 250 LF, will be installed from the new manhole at Sta. 3+35 with invert of 9.56 to the new sewer manhole at Sta. 5+87.99 at the existing invert of 11.08 (\pm).
- b) In the plan view, the existing drainage line running parallel and immediately south of 38th St. labeled "To Remain" shall be removed.
- c) In the plan and profile views, the Junction/Conflict at Sta. 2+91.41 shall be shifted 2 ft to the west, the Req'd 54" x 88" RCPA x 287 LF shall be reduced to 285 LF, and the Req'd 54" x 88" RCPA x 429 LF shall be increased to 431 LF.
- d) At the contractor's option, in lieu of the invert detailed in the plans, all Req'd New JP Drop Inlets may be installed at a higher invert providing the following conditions are met: 1) 2 Ft minimum cover shall be provided over required lateral drain pipes; 2) invert cannot be set higher than existing drain pipe to remain; 3) required lateral drain pipe must clear all existing and required utilities; 4) wye of tee shall be rotated as necessary to accept required lateral drain pipe from revised invert.

29. Plan Profile, Sheet No. C4.4:

- a) In the plan and profile views, the existing 8" TC Gravity sewer Line shall be removed from Sta. 5+00 to Sta. 5+88 (\pm). A new 8" PVC / SDR 26 Gravity Sewer line, 250 LF, will be installed from the new manhole at Sta. 3+35 with invert of 9.56 to the new sewer manhole at Sta. 5+87.99, 4.87 Ft Lt, at the existing invert of 11.08 (\pm).
- b) In the plan and profile views, delete the Req'd Sewer Manhole at Sta. 5+40, 0.25 Ft Lt., and delete the Req'd 46 Ft Long 8" Sewer Main from the deleted manhole to the new manhole at Sta. 5+87.99, 4.87 Ft Lt.

- c) In the plan view, the existing drainage line running parallel and immediately south of 38th St. labeled "To Remain" shall be removed."
- d) In the plan and profile views, the Req'd 54" x 88" RCPA x 429 LF shall be increased to 431 LF.
- e) At the contractor's option, in lieu of the invert detailed in the plans, all Req'd New JP Drop Inlets may be installed at a higher invert providing the following conditions are met: 1) 2 Ft minimum cover shall be provided over required lateral drain pipes; 2) invert cannot be set higher than existing drain pipe to remain; 3) required lateral drain pipe must clear all existing and required utilities; 4) wye of tee shall be rotated as necessary to accept required lateral drain pipe from revised invert.

30. Plan Profile, Sheet No. C4.5:

- a) In the plan and profile views, shift Junction Box # 01 4 Ft to the north.
- b) In the plan and profile views, the required 48" RCP x 14 LF from Junction Box #01 to JP Drop Inlet No. 9 shall be extended to 18 LF.

31. Plan Profile, Sheet No. C4.7:

- a) In the plan view, the existing drainage line running parallel and immediately south of Paillet Ave. labeled "To Remain" shall be removed."
- b) At the contractor's option, in lieu of the invert detailed in the plans, all Req'd New JP Drop Inlets may be installed at a higher invert providing the following conditions are met: 1) 2 Ft minimum cover shall be provided over required lateral drain pipes; 2) invert cannot be set higher than existing drain pipe to remain; 3) required lateral drain pipe must clear all existing and required utilities; 4) wye of tee shall be rotated as necessary to accept required lateral drain pipe from revised invert.

32. Plan Profile, Sheet No. C4.8:

- a) In the plan and profile views, Junction Box #02 shall be shifted 4 Ft to the north.
- b) In the plan and profile views, the required 40" x 65" RCPA x 14 LF from Junction Box #02 to JP Drop Inlet No. 18 shall be extended to 18 LF.
- c) In the plan view, Junction Box # 02, the required 40" x 65" RCPA x 18 LF (Junction box # 02 to JP Drop Inlet No. 18), JP Drop Inlet No. 18, JP Drop Inlet No. 19, the required 40" x 65" RCPA x 177 Ft, JP Drop Inlet No. 20, the required 40" x 65" RCPA x 92 Ft (JP Drop Inlet No. 18 to JP Drop Inlet No. 21), and JP Drop Inlet No. 21 shall be shifted approximately 2 ft to the west and shall be installed with centerline parallel and 10.5 ft west of the centerline of the existing 8" T.C. Sanitary Sewer Line (To Remain).
- d) In both plan and profile views, revise the pipe length of the Req'd 15" RCP at Sta. 2+05.94 from 4 LF to 2 LF, revise the pipe length of the Req'd 15" RCP at Sta. 2+06.03 from 23 LF to 25 LF, and revise the pipe length of the Req'd 15" RCP at Sta. 3+00.18 from 3 LF to 2 LF.

33. Plan Profile, Sheet No. C4.9:

- a) In the plan and profile views the req'd Junction Box at Sta. 3+34, the required 36" RCP x 271 LF, the req'd Junction/Conflict Box at Sta. 6+19.24, the required 36" RCP x 64 LF, and the req'd Junction Box at Sta. 6+92.00 shall be shifted approximately 2 ft to the west and shall be

installed with centerline parallel and 10 ft west of the centerline of the existing 8" T.C. Sanitary Sewer Line (To Remain).

- b) In both plan and profile views, revise the pipe length of the Req'd 15" RCP at Sta. 3+33.94 from 18 LF to 20 LF, revise the pipe length of the Req'd 15" RCP at Sta. 3+66.86, Sta. 4+40.45, Sta. 5+26.56, Sta. 5+35.45, and Sta. 5+96.92 from 4 LF to 2 LF, and revise the pipe length of the Req'd 15" RCP at Sta. 6+84.40 from 19 LF to 21 LF.
- c) In the plan view, the existing drainage line running parallel and immediately west of Estalote Ave. labeled "To Remain" shall be removed from Sta. 3+66 (\pm) to Sta. 6+93 (\pm).
- d) At the contractor's option, in lieu of the invert detailed in the plans, all Req'd New JP Drop Inlets may be installed at a higher invert providing the following conditions are met: 1) 2 Ft minimum cover shall be provided over required lateral drain pipes; 2) invert cannot be set higher than existing drain pipe to remain; 3) required lateral drain pipe must clear all existing and required utilities; 4) wye of tee shall be rotated as necessary to accept required lateral drain pipe from revised invert.

34. Plan Profile, Sheet No. C4.10:

- a) In the plan and profile views the Req'd Junction Box at Sta. 7+40.96, the Req'd 36" RCP x 153 LF, the Req'd JP Drop Inlet at Sta. 8+97.93, the Req'd Junction Box at Sta. 8+98.46, the Req'd 36" RCP x 264 LF, the Req'd JP Drop Inlet at Sta. 11+17.75, the Req'd Junction Box at Sta. 11+67.00, and the Req'd JP Drop Inlet at Sta. 11+67.23 shall be shifted approximately 2 ft to the west and shall be installed with centerline parallel and 10 ft west of the centerline of the existing 8" T.C. Sanitary Sewer Line (To Remain).
- b) In both plan and profile views, revise the pipe length of the Req'd 18" RCP at Sta. 7+40.96, at Sta. 8+74.19, at Sta. 9+29.28, at Sta. 10+77.91, at Sta. 11+09.68, and at Sta. 11+57.44 from 22 LF to 24 LF, revise the pipe length of the Req'd 15" RCP at Sta. 7+93.04, at Sta. 8+89.48, at Sta. 9+59.19, at Sta. 9+90.54, and at Sta. 10+49.86 from 4 LF to 2 LF, and revise the pipe length of the Req'd 15" RCP at Sta. 9+94.61 from 28 LF to 30 LF.
- c) In the plan view, the existing drainage line running parallel and immediately west of Estalote Ave. labeled "To Remain" shall be removed from Sta. 7+93 (\pm) to Sta. 11+67 (\pm).
- d) In profile view, raise invert of Req'd 36" RCP x 264 LF by 2.00 ft to an invert of 9.75 at Sta. 8+98.46 Junction Box and to an invert of 10.29 at Sta. 11+67.00 Junction Box.
- e) In both plan and profile views, revise the JP Drop Inlet SW Invert and associated Req'd 15" lateral RCP E Invert as follows: Sta. 9+29.28 from 10.26 to 11.50; Sta. 9+94.61 from 10.26 to 11.50; Sta. 10+77.91 from 10.31 to 12.00; Sta. 11+09.68 from 10.37 to 12.37; Sta. 11+57.44 from 10.47 to 12.47. Revise the associated Req'd 15" lateral RCP W Invert as follows: Sta. 9+29.28 from 9.81 to 11.05; Sta. 9+94.61 from 9.70 to 10.94; Sta. 10+77.91 from 9.37 to 11.06; Sta. 11+09.68 from 9.93 to 11.93; Sta. 11+57.44 from 10.03 to 12.03.
- f) In both plan and profile views, revise the JP Drop Inlet NE Invert and associated Req'd 15" lateral RCP W Invert as follows: Sta. 9+59.19 from

8.83 to 10.83; Sta. 9+90.54 from 8.88 to 10.88; Sta. 10+49.58 from 9.00 to 11.00; Sta. 11+17.75 from 9.10 to 11.10; Sta. 11+67.23 from 9.20 to 11.20. Revise the associated Req'd 15" lateral RCP E Invert as follows: Sta. 9+59.19 from 8.75 to 10.75; Sta. 9+90.54 from 8.80 to 10.80; Sta. 10+49.58 from 8.92 to 10.92; Sta. 11+17.75 from 9.06 to 11.06; Sta. 11+67.23 from 9.16 to 11.16.

- g) At the contractor's option, in lieu of the invert detailed in the plans, all Req'd New JP Drop Inlets from Sta. 7+40.96 to Sta. 8+97.93 may be installed at a higher invert providing the following conditions are met: 1) 2 Ft minimum cover shall be provided over required lateral drain pipes; 2) invert cannot be set higher than existing drain pipe to remain; 3) required lateral drain pipe must clear all existing and required utilities; 4) wye of tee shall be rotated as necessary to accept required lateral drain pipe from revised invert.

35. Plan Profile, Sheet No. C4.11:

- a) At the contractor's option, in lieu of the invert detailed in the plans, all Req'd New JP Drop Inlets may be installed at a higher invert providing the following conditions are met: 1) 2 Ft minimum cover shall be provided over required lateral drain pipes; 2) invert cannot be set higher than existing drain pipe to remain; 3) required lateral drain pipe must clear all existing and required utilities; 4) wye of tee shall be rotated as necessary to accept required lateral drain pipe from revised invert.

36. Plan Profile, Sheet No. C4.16:

- a) In plan and profile views, raise inverts of Type 4a Catch Basin at Sta. 0+30, Req'd 27"x44" RCPA x 44 LF, Type 4a Catch Basin at Sta. 2+25.4, Req'd 27"x44" RCPA x 154 LF, Type 4a Catch Basin at Sta. 3+78.9, and Req'd 27"x44" RCPA x 45 LF by 1.50 ft.
- b) In plan and profile views, raise inverts of Type 2 Catch Basins and associated Req'd 15" RCP laterals at Sta. 0+32, at Sta. 2+25.4, and at Sta. 3+79 by 1.50 ft.

37. Plan Profile, Sheet No. C4.18:

- a) Exist. Sanitary Sewer, 8" Ø T.C. Pipe shall be removed from Sta. 5+18 (±) to Sta. 5+71.8 and replaced in the same horizontal and vertical location with new 8" PVC SDR 26 Sewer Main.
- b) At the contractor's option, in lieu of the invert detailed in the plans, all Req'd New JP Drop Inlets may be installed at a higher invert providing the following conditions are met: 1) 2 Ft minimum cover shall be provided over required lateral drain pipes; 2) invert cannot be set higher than existing drain pipe to remain; 3) required lateral drain pipe must clear all existing and required utilities; 4) wye of tee shall be rotated as necessary to accept required lateral drain pipe from revised invert.

38. Plan Profile, Sheet No. C4.19:

- a) Exist. Sanitary Sewer, 8" Ø T.C. Pipe shall be removed from Sta. 5+71.8 to Sta. 6+93 (±) and replaced in the same horizontal and vertical location with new 8" PVC SDR 26 Sewer Main.

- b) In plan and profile views, raise invert of Type 2 Catch Basin at Sta. 7+25.6 from 7.80 to 10.00, raise invert of Type 2 Catch Basin at Sta. 7+24 from 5.28 to 9.95, raise Req'd 15" RCP x 24LF between the two catch basins to match the revised inverts of the basins.
 - c) In the plan and profile views, raise the Req'd 15" RCP x 50 LF between Structure D (Sta. 6+62.5) and the Type 2 Catch Basin at Sta. 7+24 to an invert of 9.90 at Structure D.
39. Jefferson Parish Standard Details, Typical (RCP) & (RCPA) Pipe Trench Details, Sheet No. C7.13
- a) Delete this sheet in its entirety and replace with Jefferson Parish Standard Details, Typical (RCP) & (RCPA) Pipe Trench Details For Maplewood/Paillet Drainage Improvements, Sheet No. ADD2-C7.13 which is attached as part of this Addendum No. 2.
40. Add the following plan sheets which are attached as part of this Addendum No. 2: Sheet No. W-1, 16" Water Main Schematic; Sheet No. W-2, 16" Water Main Schematic; Sheet No. W-3, 16" Water Main Schematic. These sheets are to be used only for installation of the 16" water main; all other details on these sheets shall be super ceded by Plan-Profile Sheets C-4.0, C-4.1, and C-4.2 respectively.

III. PERTAINING TO THE SPECIFICATIONS:

1. FRONT END DOCUMENTS:

A. Pages LUPWBF-1 through LUPWBF-13, LOUISIANA UNIFORM PUBLIC WORK BID FORM:

Delete sheets LUPWBF-1 through LUPWBF-13 in their entirety and replace with sheets ADD2-LUPWBF-1 through ADD2-LUPWBF-14 which are attached as part of this Addendum No. 2.

B. Add the following to the "Important Notice To All Bidders":

FEMA – HMGP Provisions

CONTRACTOR shall comply with 44 CFR Part 13.36 including the contract provisions found in subsection 13.36 (e) and (i). In particular,

CONTRACTOR will take affirmative steps towards assuring small minority business and women's business enterprises are solicited whenever they are potential sources.

Any services provided by CONTRACTOR related to bidding of public work will be conducted in accordance with the laws of the State of Louisiana including but not limited to LA R.S. 38:2211 et seq. and any additional federal procurement requirement, as well as the following:

- Executive Order 11246 of September 24, 1965, entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR chapter 60),
- The Copeland "Antikickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3),
- Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327–330) as supplemented by Department of Labor regulations (29 CFR Part 5),
- Standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15),
- Mandatory standards and policies relating to energy efficiency, which are contained in the state energy conservation plan, issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94–163, 89 Stat. 871).

CONTRACTOR shall comply with all applicable FEMA requirements and regulations pertaining to reporting.

The Parish of Jefferson, the State grantor agency, the Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of CONTRACTOR's directly pertinent records involving transactions related to this contract. CONTRACTOR shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 5 years after final payment under this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 5 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved. As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require CONTRACTOR to create or maintain any record that it does not maintain in the ordinary course of business or pursuant to a provision of law.

2. TECHNICAL SPECIFICATIONS:

A. Page 701-1, SECTION 701, CULVERTS AND STORM DRAINS:

Under Part 1.0, Description, add the following paragraph: ""The contractor shall be responsible for design of sheeting, bracing, and de-watering to maintain stability of excavations for required pipe installations. Design shall be performed by a Professional Civil Engineer licensed in the State of Louisiana. Excavations of 4 feet or less depth may be stabilized by steel or timber sheeting, trench box (may not extend below spring line of pipe), or open cut. Excavations deeper than 4 feet shall be stabilized by driven sheet piles with bracing as required by design. The contractor is responsible for the protection of all existing subsurface utilities and shall determine whether sheet piles may be removed without causing damage to existing subsurface utilities, to adjacent public and private facilities, and to adjacent property.

In accordance with OSHA Standard No. 1926, Subpart P, Appendix A, subsoils shall be classified as Type C soils with regard to complying with OSHA requirements.

Under Part 2.0, Materials, delete the following sentence: "Wye-tee fitting shall be fabricated based on measured locations of connecting drain lateral line."

Under Part 2.0, Materials, add the following sentences: "Wye and Tee fittings shall be pre-fabricated by the pipe manufacturer based on measured locations of connecting drain lateral line. Direct taps will not be allowed."

Under Part 3.0, Measurement and Payment, delete the following paragraph: "Payment for this work will be as noted. Payment for each item listed below shall include all excavation, backfill, geotextile fabric, and all materials , labor, and work associated with the materials in Part 2.0."

Under Part 3.0, Measurement and Payment, add the following paragraph: "Payment for this work will be as noted. Payment for each item listed below shall include all excavation, sheeting & bracing, dewatering, design of sheeting, bracing, and dewatering by a Professional Civil Engineer licensed in the State of Louisiana, geogrid, geotextile fabric, bedding material, backfill, and all materials , labor, and work associated with the materials in Part 2.0."

B. Page 702-1, SECTION 702, MANHOLES, JUNCTION BOXES, CATCH BASINS, AND END TREATMENTS:

Under Part 1.0, Description, add the following paragraph: "The contractor shall be responsible for design of sheeting, bracing, and de-watering to maintain stability of excavations for required drainage structure installations. Design shall be performed by a Professional Civil Engineer licensed in the State of Louisiana. Excavations of 4 feet or less depth may be stabilized by steel or timber sheeting, trench box (may not extend below spring line of pipe), or open cut. Excavations deeper than 4 feet shall be stabilized by driven sheet piles with bracing as required by design. The contractor is responsible for the protection of all existing subsurface utilities and shall determine whether sheet piles may be removed without causing damage to existing subsurface utilities, to adjacent public and private facilities, and to adjacent property. In accordance with OSHA Standard No. 1926, Subpart P, Appendix A, subsoils shall be classified as Type C soils with regard to complying with OSHA requirements."

Under Part 3.0, Measurement and Payment, delete the following paragraph: "Payment for this work will be as noted."

Under Part 3.0, Measurement and Payment, add the following paragraph: "Payment for this work will be as noted. Payment for each item listed below shall include all excavation, sheeting & bracing, dewatering, design of sheeting, bracing, and dewatering by a Professional Civil Engineer licensed in the State of Louisiana, geogrid, geotextile fabric, bedding material, backfill, and all materials , labor, and work associated with the materials in Part 2.0."

C. Page 726-1, SECTION 726, BEDDING MATERIAL:

Under Part 1.0, Description, add the following paragraph: "The contractor shall be responsible for design of sheeting, bracing, and de-watering to maintain stability of excavations for required bedding material installations. Design shall be performed by a Professional Civil Engineer licensed in the State of Louisiana. Excavations of 4 feet or less depth may be stabilized by steel or timber sheeting, trench box (may not extend below spring line of pipe), or open cut. Excavations deeper than 4 feet shall be stabilized by driven sheet piles with bracing as required by design. The contractor is responsible for the protection of all existing subsurface utilities and shall determine whether sheet piles may be removed without causing damage to existing subsurface utilities, to adjacent public and private facilities, and to adjacent property. In accordance with OSHA Standard No. 1926, Subpart P, Appendix A, subsoils shall be classified as Type C soils with regard to complying with OSHA requirements."

Under Part 3.0, Measurement and Payment, delete the following:

"Payment for this work will be as noted.

ITEM 726-01-00100 "BEDDING MATERIAL (NET SECTION) paid per CUBIC YARD"

Under Part 3.0, Measurement and Payment, add the following:

"Bedding Material will not be measured for payment. All labor, equipment, and materials necessary for installation of Bedding Material will be included in the cost per linear foot of the following items as applicable:

ITEM 701-03-01000 STORM DRAIN PIPE (15" RCP/PP) paid per LINEAR FOOT
ITEM 701-03-01020 STORM DRAIN PIPE (18" RCP/PP) paid per LINEAR FOOT
ITEM 701-03-01040 STORM DRAIN PIPE (24" RCP/PP) paid per LINEAR FOOT
ITEM 701-03-01060 STORM DRAIN PIPE (30" RCP/PP) paid per LINEAR FOOT
ITEM 701-03-01080 STORM DRAIN PIPE (36" RCP/PP) paid per LINEAR FOOT
ITEM 701-03-01100 STORM DRAIN PIPE (48" RCP) paid per LINEAR FOOT
ITEM 701-03-01120 STORM DRAIN PIPE (54" RCP) paid per LINEAR FOOT
ITEM 701-04-01000 STORM DRAIN PIPE ARCH (15" EQUIVALENT RCP) paid per LINEAR FOOT
ITEM 701-04-01020 STORM DRAIN PIPE ARCH (18" EQUIVALENT RCP) paid per LINEAR FOOT
ITEM 701-04-01080 STORM DRAIN PIPE ARCH (36" EQUIVALENT RCP) paid per LINEAR FOOT
ITEM 701-04-01100 STORM DRAIN PIPE ARCH (42" EQUIVALENT RCP) paid per LINEAR FOOT
ITEM 701-04-01120 STORM DRAIN PIPE ARCH (48" EQUIVALENT RCP) paid per LINEAR FOOT
ITEM 701-04-01140 STORM DRAIN PIPE ARCH (54" EQUIVALENT RCP) paid per LINEAR FOOT
ITEM 701-04-01160 STORM DRAIN PIPE ARCH (60" EQUIVALENT RCP) paid per LINEAR FOOT
ITEM 701-04-01180 STORM DRAIN PIPE ARCH (72" EQUIVALENT RCP) paid per LINEAR FOOT
ITEM 701-04-01200 STORM DRAIN PIPE ARCH (84" EQUIVALENT RCP) paid per LINEAR FOOT
ITEM SI-011 WYE-TEE INSTALLATION 36" RCP MAIN LINE paid per EACH
ITEM SI-012 WYE-TEE INSTALLATION 48" RCP MAIN LINE paid per EACH
ITEM SI-013 WYE-TEE INSTALLATION 54" EQUIV. RCPA MAIN LINE paid per EACH
ITEM SI-014 WYE-TEE INSTALLATION 72" EQUIV. RCPA MAIN LINE paid per EACH
ITEM 702-01-00100 JUNCTION BOXES paid per EACH
ITEM 702-01-A CONFLICT BOXES (AS PER PARISH STANDARD DETAILS) paid per EACH
ITEM 702-02-00100 MANHOLES (MH-06) paid per EACH
ITEM 702-03-A CATCH BASINS (CB-01) (JEFFERSON PARISH DROP INLET) paid per EACH
ITEM 702-03-B CATCH BASINS (CB-02) (JEFFERSON PARISH DROP INLET) paid per EACH
ITEM 702-03-C CATCH BASINS (CB-04a) (JEFFERSON PARISH DROP INLET) paid per EACH
ITEM 702-03-D CATCH BASINS (CB-05) (JEFFERSON PARISH DROP INLET) paid per EACH
ITEM 702-03-E JEFFERSON PARISH DROP INLET paid per EACH
ITEM 702-03-F CATCH BASINS (CB-04b) (JEFFERSON PARISH DROP INLET) paid per EACH
ITEM 702-04-00100 ADJUSTING MANHOLES paid per EACH

D. Section S-002, Gravity Sewer System, Page 2 of 17:

Delete III. PART 3: CONSTRUCTION LAYOUT in its entirety and replace with the following:

III. PART 3: CONSTRUCTION LAYOUT:

1. The Contractor will be responsible for establishing all lines and grades and staking out all "Sewer System" work on this project from controls provided in the construction documents. There shall be no separate payment for construction layout related to the "Sanitary Sewer System".

2. **Sewer house connection pre-construction "Connectivity Report":**

The purpose of this "Connectivity Report" is to investigate and summarize all sewer house connections' connectivity issues, prior to construction of any underground utilities. The term "Connectivity" shall mean the ability to connect a sewer house connection to existing or proposed sewer gravity mains in accordance with Jefferson Parish standard requirements and guidelines.

This report shall include two general sections:

- Elevations of the existing sewer house connections, at the property line, which are anticipated to have connectivity issues. These house connections may or may not be identified on plans.
 - This section shall be performed by the contractor.
- Resolutions to any connectivity problems.
 - This section is typically performed as a joint venture between the contractor and the A/E.
 - The A/E shall be responsible for any required design change.
 - The contractor is ultimately responsible for making sure that the design or redesign actually works.

Even though, typically only a small percentage of sewer house connections may have connectivity issues, it is vital for them to be identified early on, to avoid unnecessary and expensive conflict resolutions at a later time during the construction.

The contractor shall be compensated for this report under "House Connection Survey" Contingency Pay Item S-908, per each.

E. Section S-002, Gravity Sewer System, Page 13 of 17:

Under PART VII, MEASUREMENT AND PAYMENT, add the following:

"19. House Connection Survey shall be measured and paid for each completed survey of existing location and invert of existing sewer house connection.

F. Section S-002, Gravity Sewer System, Page 17 of 17:

Under Part VIII, TABULATED GENERAL JEFFERSON PARISH PAY ITEMS , add the following:

Item No. S-908, House Connection Survey per Each

G. Section S-002, Gravity Sewer System, Appendix "A," Jefferson Parish Department of Engineering Gravity Sanitary Sewer System General Standard Notes:

Page 1 of 21 - Add the following sentence to Section 1. Notification: "In addition to this general notification requirement, the Contractor is responsible for notification of individuals and offices as required by different sections if these Standard Notes."

Page 10 of 21 - Add the following sentence to Section 21. Pre-construction and Post-construction Video inspections (Existing System Only), at the end of the first paragraph: "(Contact Mr. Chanen Joseph of the Engineering Department, 504-736-6824)"

Page 10 of 21 - Add the following to Section 21. Pre-construction and Post-construction Video Inspections (Existing System Only), after the end of the first paragraph:

- The contractor must contact the following individuals 48 hours prior to cleaning and videoing any sewer system:
 - Jefferson Parish Engineering department utility inspection supervisor, Mr. Roy Mullan (504-731-4567)
 - the designated Jefferson parish engineering department utility inspector (name and contact information will be provided at the pre-construction meeting).
- In addition to the above, the following individuals must be contacted (only for the reasons stated below) as well:
 - Jefferson Parish sewerage Department (lift stations & sfm shutdowns) Mr. Glenn Miller (504-736-6728).

- Jefferson Parish sewerage Department (Gravity lines and manholes related emergencies) Mr. Sterling Lane (504- 736-6677).

Page 12 of 21 - Add the following to Section 22. Deflection, Lamp Testing, and Video Inspection (New System Only), after the end of the first paragraph:

- The Contractor must contact the following individuals 48 hours prior to cleaning and videoing any sewer system:
 - Jefferson Parish Engineering department utility inspection supervisor, Mr. Roy Mullan (504-731-4567)
 - the designated Jefferson parish engineering department utility inspector (name and contact information will be provided at the pre-construction meeting).
 - In addition to the above, if the new sewer system is connected to the existing sewer system, the following individuals must be contacted (only for the reasons stated below) as well:
 - Jefferson Parish sewerage Department (lift stations & sfm shutdowns) Mr. Glenn Miller (504-736-6728).
 - Jefferson Parish sewerage Department (Gravity lines and manholes related emergencies) Mr. Sterling Lane (504-736-6685).

H. Add the following Technical Specifications (13 Sheets) which is attached and made part of this Addendum No. 2:

“Section S-003, Sanitary Sewer Force Main System”

- I. Delete in its entirety Appendix “B,” Jefferson Parish Department of Engineering Sanitary Sewer “Force Main System” General Standard Notes which has a Revision Date of 12/28/11 (17 sheets) and replace with the attached Appendix “B,” Jefferson Parish Department of Engineering Sanitary Sewer “Force Main System” General Standard Notes which has a Revision Date of 02/15/15.

PRE-PROPOSAL CONFERENCE
SIGN IN SHEET

DATE: FEBRUARY 3, 2015
BID 50-00112110

JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS
MAPLEWOOD DRIVE/PALLET STREET DRAINAGE IMPROVEMENTS

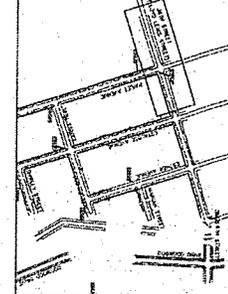
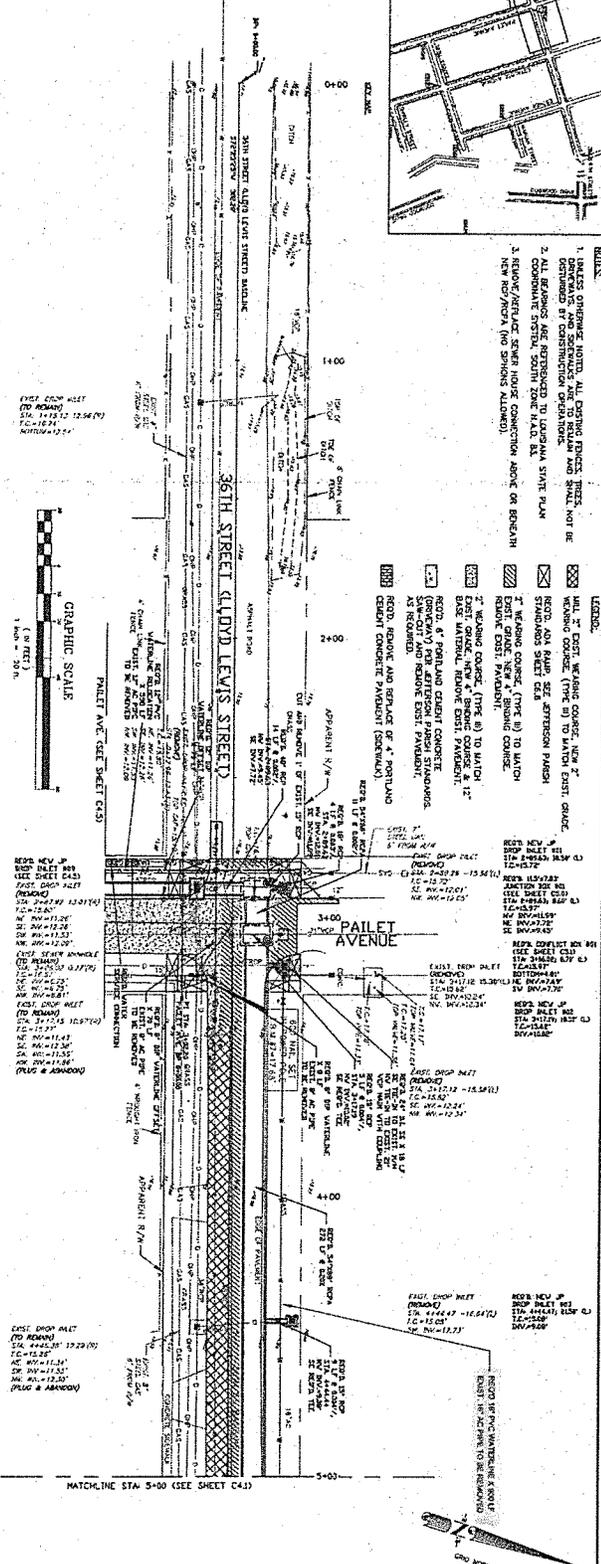
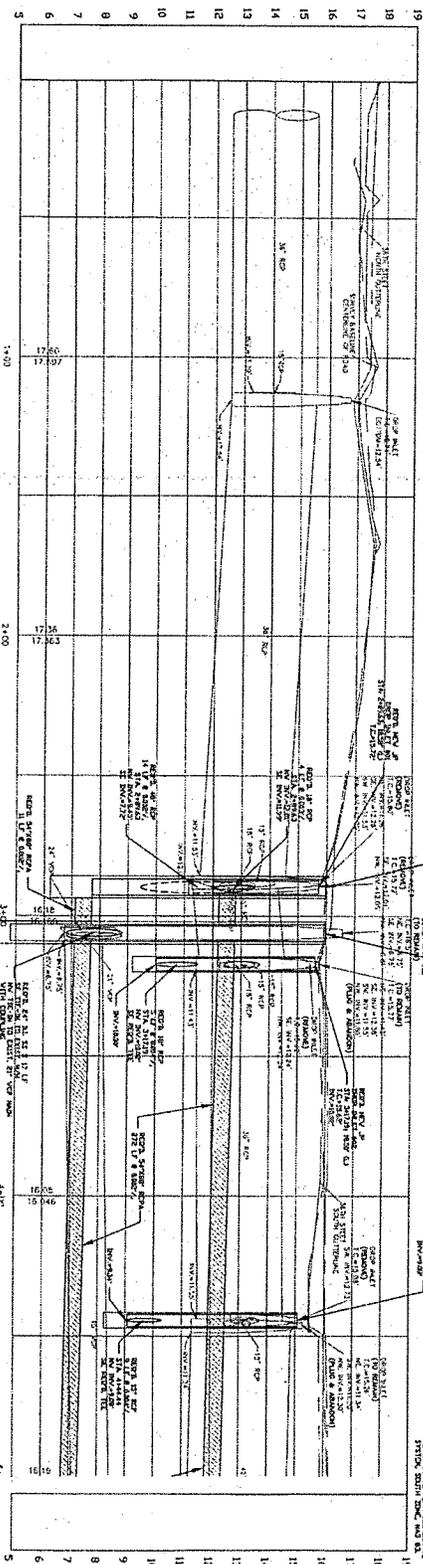
NAME	COMPANY NAME & ADDRESS	PHONE & FAX NUMBER	E-MAIL ADDRESS
1) Misty A. Camardelle	Purchasing Department 200 Derbigny Street Gretna, LA 70054	504-364-2683 504-364-2693	mcamardelle@jeffparish.net
2) AURIN HALLNER	ECI, INC. 1580 W. CAUSEWAY APPROXIMATE SUITE 1 MANDRILLE LA 70471	(985) 624-5125	LHALLNER@ECIINC.COM
3) TROY FOLK	Byron E. Talbot Contractor, Inc PO. Box 5658 Thibodaux LA 70302	985-414-9925 985-419-9833	Leschilling@byronetalbot.com
4) BRIAN BAUDIER	Command Construction LLC 3306 N. TORNBULL METAIRIE, LA 70002	504 887-8795 Fax 504 887-8906	STACIE@commandconstruction.com
5) Doug Olson	BAUVIERS CONSTRUCTION LLC One Gullfleur Blvd 571650 METAIRIE LA 70001	581-7283	doug@bauviers.com
6) Jerome BeHinkelli	Dorcas Construction One Gullfleur Blvd, Ste 1650 Metairie, LA 70001	504-460-2497	jerome@bauviers.com

NAME	COMPANY NAME & ADDRESS	PHONE & FAX NUMBER	E-MAIL ADDRESS
7) Henry Picard III	Bark-Klempeter Inc 4176 Canal St No. LA	D 504 486 5901 F 504 483 6228	hpicard@blikusa.com
8) Tray Pater	Bark-Klempeter Inc 4176 Canal St No. LA	P 504 486 5901 F 504 483 6228	tpater@blikusa.com
9) Clinto, Hotel	J. F. Damage	736-6753	clntod@jffpaia.net
10) Rene D. Alvarez	Bob Bros. Const + Co. LLC P.O. Drawer 53266 NO LA 70153	504-821-2400 504-821-0714	ralvarez@bobbro.com
11) Tim Muegan	W E DENNARD 5700 NINE MILE PKWY METairie, LA 70004	504 824 8000 436 - 2938	tim@wedenard.com
12) Ray Lockwood	Hard Rock Const. 2305 Lisa Road Metairie, LA 70001	835-1050 837-0490	ray@hardrockconstruction.com
14) Gene Miller	CB&I 2424 Etchuborn, Ste 450 Metairie, LA 70001	832-4878	gene.miller@cbi.com

NAME	COMPANY NAME & ADDRESS	PHONE & FAX NUMBER	E-MAIL ADDRESS
15) Denise Ashley	S.P. Capital Projects 1241 Elmwood Ave Blvd Ste 906	(Joy) 736-6779 736-6739	Denise jpepparis@net
16) RAY MAWLA	S.P. Eng.	736-6818 736-6526	rmawla@jpepparis .net
17) CHARLEN JOSEPH	JP Eng	736-6834 736-6526	cjoseph@jpepparis.net
18) Rich Betts	J.P. Eng	736-6515	RBetts@jpepparis.net
19) 	JP Purchasing	80420685	jpepparis@net
20)			

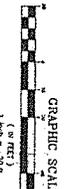
NAME	COMPANY NAME & ADDRESS	PHONE & FAX NUMBER	E-MAIL ADDRESS
21)			
22)			
23)			
24)			
25)			
26)			

36TH STREET (DLOYD LEWIS STREET) BASELINE



- NOTES:**
- 1. EXISTING CURBSIDE, NORTH, ALL EXISTING DRIVEWAYS, TREES, AND OTHER FEATURES TO REMAIN AND SHALL NOT BE DISTURBED.
 - 2. ALL IMPROVEMENTS ARE REFERENCED TO LEGAL MAIN STREET PLAN.
 - 3. REMOVE/REPLACE EXISTING HOUSE CONNECTION ABOVE OR BELOW NEW MAIN (NO SHIMS ALLOWED).

- LEGEND:**
- 16" DIA. WATER MAIN
 - 16" DIA. WATER MAIN WITH MANHOLE
 - 16" DIA. WATER MAIN WITH VALVE
 - 16" DIA. WATER MAIN WITH FITTING
 - 16" DIA. WATER MAIN WITH BRANCH
 - 16" DIA. WATER MAIN WITH TEE
 - 16" DIA. WATER MAIN WITH ELBOW
 - 16" DIA. WATER MAIN WITH CROSS
 - 16" DIA. WATER MAIN WITH REDUCER
 - 16" DIA. WATER MAIN WITH ENLARGER
 - 16" DIA. WATER MAIN WITH FLANGE
 - 16" DIA. WATER MAIN WITH GASKET
 - 16" DIA. WATER MAIN WITH WELD
 - 16" DIA. WATER MAIN WITH BOLT
 - 16" DIA. WATER MAIN WITH NUT
 - 16" DIA. WATER MAIN WITH WASHER
 - 16" DIA. WATER MAIN WITH RIVET
 - 16" DIA. WATER MAIN WITH SPLICING COUPLER
 - 16" DIA. WATER MAIN WITH WELDED END
 - 16" DIA. WATER MAIN WITH FLARED END
 - 16" DIA. WATER MAIN WITH GROUNDED END
 - 16" DIA. WATER MAIN WITH UNGROUNDED END
 - 16" DIA. WATER MAIN WITH GROUNDING WIRE
 - 16" DIA. WATER MAIN WITH GROUNDING CLAMP
 - 16" DIA. WATER MAIN WITH GROUNDING BOLT
 - 16" DIA. WATER MAIN WITH GROUNDING NUT
 - 16" DIA. WATER MAIN WITH GROUNDING WASHER
 - 16" DIA. WATER MAIN WITH GROUNDING RIVET
 - 16" DIA. WATER MAIN WITH GROUNDING WELD
 - 16" DIA. WATER MAIN WITH GROUNDING BOLT AND NUT
 - 16" DIA. WATER MAIN WITH GROUNDING WASHER AND RIVET
 - 16" DIA. WATER MAIN WITH GROUNDING WELD AND BOLT
 - 16" DIA. WATER MAIN WITH GROUNDING WELD AND NUT
 - 16" DIA. WATER MAIN WITH GROUNDING WELD AND WASHER
 - 16" DIA. WATER MAIN WITH GROUNDING WELD AND RIVET
 - 16" DIA. WATER MAIN WITH GROUNDING WELD AND BOLT AND NUT
 - 16" DIA. WATER MAIN WITH GROUNDING WELD AND WASHER AND RIVET
 - 16" DIA. WATER MAIN WITH GROUNDING WELD AND BOLT AND NUT AND WASHER
 - 16" DIA. WATER MAIN WITH GROUNDING WELD AND BOLT AND NUT AND WASHER AND RIVET



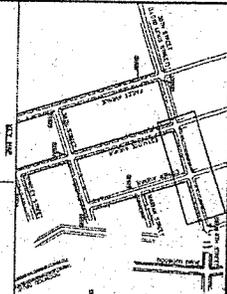
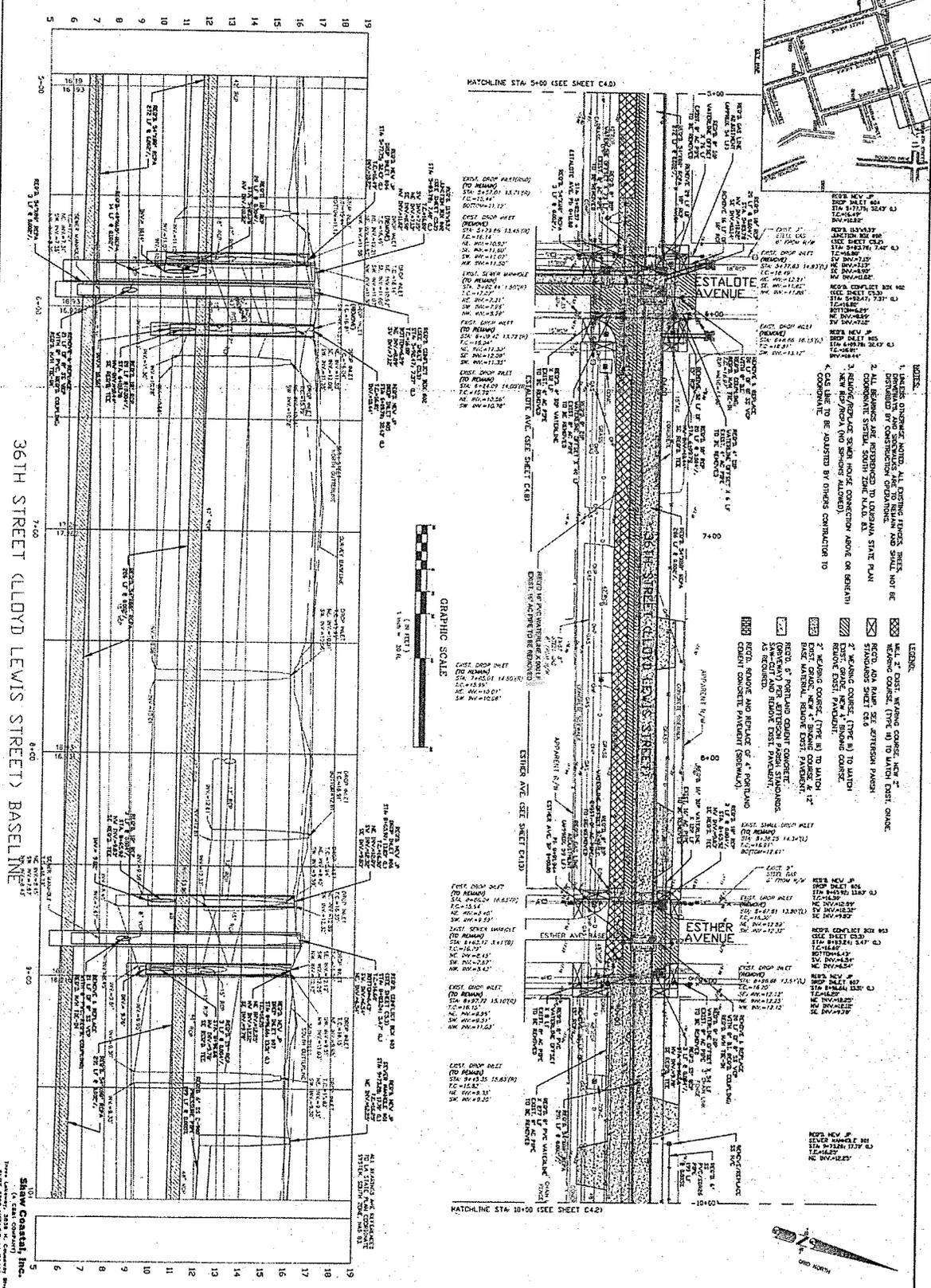
Shaw Coastal, Inc.
 1100 Poydras Street, Suite 1100
 New Orleans, LA 70112
 Phone: (504) 585-4272 Fax: (504) 585-4277

NO.	DATE	BY	DESCRIPTION
1	NOV. 2014	G.S.G.	ISSUED FOR CONSTRUCTION
2	NOV. 2014	ERH	REVISION
3	NOV. 2014	G.S.G.	REVISION

BK BURK-KLEINPETER, INC.
 ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
 1174 CANAL STREET, NEW ORLEANS, LA 70119-3894
 PHONE: (504) 585-3894 FAX: (504) 585-1716

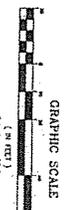
JEFFERSON PARISH DEPT. OF PUBLIC WORKS
 MAPLEWOOD DRIVE/PAILET STREET
 DRAINAGE IMPROVEMENTS
 16" WATERMAIN SCHEMATIC

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- NOTES:**
1. UNLESS OTHERWISE NOTED, ALL EXISTING DIMENSIONS, SPACES, TOLERANCES, AND MATERIALS SHALL BE AS SHOWN ON THIS DRAWING AND SHALL NOT BE CHANGED BY THE CONTRACTOR.
 2. ALL DIMENSIONS ARE REFERENCED TO THE CENTERLINE OF THE MAINLINE WATERMAIN UNLESS OTHERWISE NOTED.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC AREAS.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING CONDITIONS TO ORIGINAL OR BETTER.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SIGNAGE AND TRAFFIC CONTROL.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY LIGHTING AND SIGNALING.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY DRAINAGE AND EROSION CONTROL.

- LEGEND:**
- 16" WATERMAIN (TYPE A)
 - 16" WATERMAIN (TYPE B)
 - 16" WATERMAIN (TYPE C)
 - 16" WATERMAIN (TYPE D)
 - 16" WATERMAIN (TYPE E)
 - 16" WATERMAIN (TYPE F)
 - 16" WATERMAIN (TYPE G)
 - 16" WATERMAIN (TYPE H)
 - 16" WATERMAIN (TYPE I)
 - 16" WATERMAIN (TYPE J)
 - 16" WATERMAIN (TYPE K)
 - 16" WATERMAIN (TYPE L)
 - 16" WATERMAIN (TYPE M)
 - 16" WATERMAIN (TYPE N)
 - 16" WATERMAIN (TYPE O)
 - 16" WATERMAIN (TYPE P)
 - 16" WATERMAIN (TYPE Q)
 - 16" WATERMAIN (TYPE R)
 - 16" WATERMAIN (TYPE S)
 - 16" WATERMAIN (TYPE T)
 - 16" WATERMAIN (TYPE U)
 - 16" WATERMAIN (TYPE V)
 - 16" WATERMAIN (TYPE W)
 - 16" WATERMAIN (TYPE X)
 - 16" WATERMAIN (TYPE Y)
 - 16" WATERMAIN (TYPE Z)



36TH STREET (LOYD LEWIS STREET) BASELINE

SLW Coastal, Inc. 1010 Poydras Street, Suite 2000 New Orleans, LA 70112-3447 Phone: (504) 581-1111 Fax: (504) 581-1112		BK BURK-KLEINPETER, INC. ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS 1178 CANAL STREET, NEW ORLEANS, LA 70119-5904 PHONE (504) 488-2801 FAX (504) 488-1714		JEFFERSON PARISH DEPT. OF PUBLIC WORKS MAPLEWOOD DRIVE/PAILET STREET DRAINAGE IMPROVEMENTS 16" WATERMAIN SCHEMATIC	
DESIGNED BY: G.S.G. CHECKED BY: H.R.A. DRAWN BY: C.R.H. DATE: NOV. 2014 SHEET: 16" X 24"	PUBLIC WORKS PROJECT NO.2009-063-DR				

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110

(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: Burk-Kleinpeter, Inc.

and dated: November 2014
(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(A)(1)(c) or RS 38:2212(O).

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

**LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM**

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110

(Owner to provide name of project and other identifying information)

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

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Structures and Obstructions			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Drives			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-02000	110	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-02020	4,073	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Catch Basin			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-06060	87	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Walks and Drives (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-06100	2,628	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-26000	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Pipe (Storm Drain)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-32140	1,628	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Portland Cement Concrete Pavement (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-32500	11,090	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ General Excavation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-01-00100	6,522	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Embankment			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-03-00100	100	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geotextile Fabric (Under Roadway Sub-base Mat'l)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-08-00100	18,613	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Class II Base Course			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
302-01-00100	3,002	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Maintenance Aggregate (Vehicular Measurement)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
402-01-00100	1,467	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-A	2,818	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete, Drives, Turnouts and Miscellaneous			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-B	171	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Cold Planing Asphaltic Pavement (2" Thk.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
509-01-00100	2,068	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Portland Cement Concrete Pavement (7" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
601-01-00100	7,807	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (15" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01000	1,012	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (18" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01020	212	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (24" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01040	422	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (30" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01060	232	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (36" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01080	760	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (48" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01100	662	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (54" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01120	242	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (15" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01000	49	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (18" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01020	26	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (36" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01080	944	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (42" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01100	210	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(48" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01120	266	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(54" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01140	275	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(60" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01160	312	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(72" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01180	1,767	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(84" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01200	512	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Junction Boxes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-00100	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Conflict Boxes (as per Parish Standard Details)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-A	7	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Manholes (MH-06)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-02-00100	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Catch Basins (CB-01) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-A	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Catch Basins (CB-02) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-B	37	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Catch Basins (CB-04a) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-C	18	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Catch Basins (CB-05) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-D	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Jefferson Parish Drop Inlet			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-E	60	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Catch Basins (CB-04b) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-F	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Adjusting Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-04-00100	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Concrete Walks (4" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-01-00100	198	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# Concrete Drive (6" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-02-00300	1,896	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Handicap Curb Ramps			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-04-00100	68	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Curb (Mountable)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
707-01-00300	5,810	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Temporary Signs and Barricades			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
713-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Slab Sodding (St. Augustine)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
714-01-00600	2,400	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Topsoil			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
715-01-00100	400	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Project Site Laboratory			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
722-02-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Granular Material (Net Section)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
723-01-00100	5,292	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Bedding Material (Net Section)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
726-01-00100	14,845	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Mobilization (5%)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
727-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Light Poles (relocate existing foundation, pole and service feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-15-01000	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Service Pole (replace service pole and overhead feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-18-01000	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Reflectorized Raised Pavement Markers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
731-02-00100	34	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01000	2,657	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(24" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01080	120	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Construction Layout			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
740-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (6") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-106	199	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208	111	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208-P	150	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (10") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-210-P	50	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (12") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-212	70	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (24") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-224	20	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Normal Depth Manhole (Brick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-411	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 6" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-06	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 8" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-08	41	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 10" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-10	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 12" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-12	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 24" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-24	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-608	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-612	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (24")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-624	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Abandoned Existing Gravity Sewer Lines			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-901	548	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Main to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-903	8	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Service Connection to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-904	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pre-construction and Post-construction Pipe Cleaning and Video Inspection			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-906	6,971	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-104	350	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-106	124	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-108	1272	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-112	1073	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-202	50	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-204	38	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-206	65	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-208	1,007	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-212	70	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-216	145	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-404	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-406	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-408	30	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-412	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-704	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-706	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-708	521	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (10")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-710	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-712	27	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-716	26	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (2") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-802	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (4") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-804	9	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (6") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-806	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (8") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-808	70	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (12") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-812	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fittings for Waterlines (DI) (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-901	12,437	Pound		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant Assembly			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902-A	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Service Connection (< 1")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-903-0	88	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-4	38	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-6	483	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-8	2,663	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-12	1,027	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-16	145	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Site Preparation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-001	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geogrid			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-002	12,462	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Cement Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-003	280	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-004	2,321	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie Proposed Drainage Into Existing Retaining Wall Channel			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-005	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Trees, Shrubs and Groundcovers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-006	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x6'x4' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-A	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x8'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-B	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-C	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x8' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-D	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Control and Management			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-010	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 36" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-011	21	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 48" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-012	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 54" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-013	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 72" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-014	31	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Service Connection "Pipe"			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-502	1440	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Shallow)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-S	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Medium)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-M	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-D	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (16") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-816	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-108	461	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (20") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-220	18	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-606	96	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ House Connection Survey			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-908	36	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (PVC/C-905 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-116	921	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Butterfly and Valve Box			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-516	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (HDPE Pipe) [DR 9]			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-302	178	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-108	73	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-110	104	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-208	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-210	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Air and Vacuum Release Valves			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-903	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Flowable Fill			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
710-01-00100	60	Cubic Yards		

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

Appendix “B”
Jefferson Parish
Department of Engineering
Sanitary Sewer “Force Main System” General Standard Notes*¹

** These notes shall be referenced and shall be included, in their entirety, unedited and unabridged, in all Jefferson Parish Projects as follows:*

- *New subdivisions – attach these notes to plans as Appendix “B”.*
- *All other projects – include these notes in Specification Booklets, which include any work related to the Parish Sanitary Sewer Force Main System. Insert a copy of these notes, on green paper, at the end of the “Sanitary Sewer Force Main System Technical Specification” Section of the Specification Booklet. Any Deviations and / or Variations from these General Standard Notes shall be tabulated under the heading of “Deviations from Jefferson Parish Sanitary Sewer Force main System General Standard Notes” and shall be included in the “Sanitary Sewer System Technical Specification Section of the Specification Booklet.*

1. NOTIFICATION

CONTRACTORS SHALL NOTIFY THE DEPARTMENT OF SEWERAGE AT 736-6661 AND THE DEPARTMENT OF ENGINEERING, INSPECTION DIVISION AT 736-6793, 48 HOURS PRIOR TO ANY FIELD WORK RELATING TO SANITARY SEWER FORCE MAINS, SANITARY SEWER VALVES, ETC. ALL SANITARY SEWER VALVES SHALL BE OPERATED BY PARISH PERSONNEL.

WHERE A TIE-IN TO A SEWER FORCE MAIN IS TO BE MADE BY A CONTRACTOR, THE DEPARTMENT OF ENGINEERING SHALL BE NOTIFIED 24 HOURS IN ADVANCE FOR THE INSPECTION OF THE TIE-IN. THE INSTALLATION AND THE TIE-IN OF ALL SEWER FORCE MAINS SHALL BE INSPECTED AND APPROVED BY THE DEPARTMENT OF ENGINEERING PRIOR TO BACKFILLING.

2. MATERIAL

ALL MATERIALS USED IN JEFFERSON PARISH’S SEWER FORCE MAIN SYSTEM SHALL BE IN TOTAL CONFORMANCE WITH THESE STANDARD NOTES, OTHER CURRENT JEFFERSON PARISH STANDARDS AND MATERIAL SPECIFICATIONS INCLUDING “**THE DEPARTMENT OF SEWERAGE ANNUAL MATERIAL SUPPLY CONTRACT SPECIFICATIONS**”. IN ORDER TO SIMPLIFY “MATERIAL RELATED ISSUES” FOR THE ENGINEERS, CONSULTANTS, CONTRACTORS, SUPPLIERS, AND PARISH INSPECTORS EFFORTS HAVE BEEN MADE THROUGHOUT THESE STANDARDS TO MINIMIZE DISCREPANCIES BETWEEN THESE STANDARD NOTES

¹ Jefferson Parish Department of Engineering Sanitary Sewer Force Main System General Standard Notes, Originated - January 2002.

AND THE **“DEPARTMENT OF SEWERAGE ANNUAL MATERIAL SUPPLY CONTRACT SPECIFICATIONS”**. IN CASE OF ANY DISCREPANCIES, **“THE DEPARTMENT OF SEWERAGE ANNUAL MATERIAL SUPPLY CONTRACT SPECIFICATIONS”** WILL GOVERN.

QUALIFIED MANUFACTURERS AND/OR PRODUCTS FOR MOST ITEMS (THE DEPARTMENT OF SEWERAGE ANNUAL MATERIAL SUPPLY CONTRACT SPECIFICATIONS SHALL BE REFERENCED FOR ITEMS NOT INCLUDED IN THESE NOTES) HAVE BEEN PROVIDED THROUGHOUT THESE NOTES. THESE QUALIFIED MANUFACTURERS AND/OR PRODUCT INFORMATION MAY BE MODIFIED SEMIANNUALLY MAINLY BASED ON REVISIONS TO **“THE DEPARTMENT OF SEWERAGE ANNUAL MATERIAL SUPPLY CONTRACT SPECIFICATIONS”**. THESE MODIFICATIONS MAY OCCUR ONCE A YEAR OR ONCE EVERY TWO YEARS DEPENDING UPON EACH SPECIFIC CONTRACT PERIOD. NEW PRODUCTS MAY BE PRESENTED TO THE JEFFERSON PARISH ENGINEERING AND SEWERAGE DEPARTMENTS SIMULTANEOUSLY FOR EVALUATION. ANY PRODUCT FOUND TO MEET JEFFERSON PARISH STANDARDS WILL BE INCLUDED IN THESE STANDARDS WHEN SEMIANNUAL REVISIONS ARE MADE. FINAL DECISION FOR ACCEPTANCE OF ALL MATERIALS WILL BE MADE BY THE JEFFERSON PARISH DEPARTMENT OF SEWERAGE.

3. **NON CONFORMANCE**

THE DEPARTMENT OF ENGINEERING HAS THE RIGHT TO REJECT ANY AND ALL EQUIPMENT, OR WORK, WHICH DOES NOT CONFORM TO JEFFERSON PARISH STANDARDS AND SPECIFICATIONS. ANY WORK SO REJECTED SHALL BE REDONE BY THE CONTRACTOR AT HIS OWN EXPENSE.

4. **VERIFICATION OF EXISTING UTILITIES PRIOR TO ORDERING MATERIALS**

THE CONTRACTOR SHALL VERIFY THE SIZE AND MATERIAL OF ALL EXISTING UTILITIES BEFORE ORDERING MATERIALS. FOR EXAMPLE VARIATIONS IN OUTSIDE DIAMETER OF ASBESTOS CEMENT (AC) PIPE CAN CAUSE LEAKAGE IF A CORRECT COUPLING IS NOT USED. JEFFERSON PARISH WILL NOT REIMBURSE THE CONTRACTOR FOR ANY MATERIAL RE-STOCKING FEES.

5. **DOMESTICITY**

A. **PURPOSE OF THIS SECTION**

THIS SECTION INCLUDES INFORMATION AND PROVIDES ANSWERS TO SOME FREQUENTLY ASKED QUESTIONS REGARDING JEFFERSON PARISH DOMESTICITY POLICY.

B. CLARIFICATION OF TERMS

TERMS SUCH AS “DOMESTIC UNITED STATES OF AMERICA MANUFACTURE” AND/OR “MADE IN UNITED STATES” SHALL MEAN THAT EVERY COMPONENTS OF THESE PRODUCTS OR ITEMS ARE 100% MADE, MANUFACTURED, CAST, ASSEMBLED, ETC. IN THE UNITED STATES OF AMERICA.

C. VALVES

ALL DUCTILE IRON/CAST IRON VALVES SHALL BE OF DOMESTIC UNITED STATES OF AMERICA MANUFACTURE. NO DUCTILE IRON/CAST IRON VALVES MANUFACTURED OUTSIDE OF THE UNITED STATES OF AMERICA WILL BE ALLOWED.

D. APPURTENANCES

BY POLICY, DOMESTIC AS WELL AS GLOBALLY SOURCED (FOREIGN) APPURTENANCES {PIPE RESTRAINERS (MECHANICAL JOINT, PIPE TO PIPE, FLANGE ADAPTERS, BELL HARNESSSES, ETC.), COUPLINGS, TAPPING AND REPAIR CLAMPS AND SLEEVES, SADDLES, ETC.} MAY BE PRESENTED TO THE JEFFERSON PARISH ENGINEERING AND SEWERAGE DEPARTMENTS SIMULTANEOUSLY FOR EVALUATION AS MENTIONED IN SECTION 3, ABOVE. ALL APPURTENANCES SHALL BE MANUFACTURED IN STRICT ACCORDANCE WITH THE LATEST APPLICABLE ANSI/AWWA AND ASTM STANDARDS FOR SANITARY SEWER FORCE MAINS. IN ADDITION TO THESE REQUIREMENTS, ALL GLOBALLY SOURCED APPURTENANCES SHALL BE MANUFACTURED AT AN SIX SIGMA OR ISO (INTERNATIONAL ORGANIZATION FOR STANDARDS) REGISTERED MANUFACTURER WITH THE LATEST CERTIFICATIONS FROM THESE ORGANIZATIONS.

E. FITTINGS

DOMESTIC AS WELL AS GLOBALLY SOURCED (FOREIGN) DUCTILE IRON FITTINGS SHALL BE ALLOWED. ALL FITTINGS SHALL BE IN STRICT ACCORDANCE WITH THE LATEST APPLICABLE ANSI (ANSI/AWWA C153/A21.53, ANSI/AWWA C110/A21.10, ANSI/AWWA C111/A21.11, ANSI/AWWA C104/A21.4, ETC.) AND ASTM STANDARDS FOR SANITARY SEWER FORCE MAINS. IN ADDITION TO THESE REQUIREMENTS, THE GLOBALLY SOURCED FITTINGS SHALL ALSO BE MANUFACTURED BY AN ISO (INTERNATIONAL ORGANIZATION FOR STANDARDIZATION) REGISTERED MANUFACTURER, WHICH MANUFACTURER SHALL HAVE

CURRENT ISO 9001 CERTIFICATION FOR STANDARDIZATION FOR FITTING PRODUCTS.

F. **ISO REGISTERED MANUFACTURER**

THESE MANUFACTURING FACILITIES MUST BE COVERED UNDER PERIODIC AUDITS BY THIRD PARTY ACCREDITATION BODIES FOR EVALUATIONS. THESE EVALUATIONS SHALL INCLUDE MANUFACTURING PROCESSES, QUALITY CONTROL, CORRECTIVE AND PREVENTIVE ACTIONS, AND DOCUMENT CONTROL. IN ADDITION, DISTRIBUTION CENTERS MUST BE AUDITED BY THIRD PARTY APPROVAL AGENCIES FOR PERIODIC CONFIRMATION TESTS AND SURVEILLANCE AUDITS. THESE PERIODIC CONFIRMATION TESTS AND SURVEILLANCE AUDITS SHALL DOCUMENT CONTINUATION OF PRODUCT APPROVALS OF EVERY SPECIFIC MANUFACTURING FACILITY BY AUDITING THE ENTIRE QUALITY SYSTEMS INCLUDING DESIGN, INFRASTRUCTURE, SYSTEM IMPLEMENTATION, DISTRIBUTION, TRAINING, QUALITY CONTROL AND ASSURANCE, AND DOCUMENT CONTROL. ALL FITTINGS AND APPURTENANCES MUST BE MANUFACTURED IN ACCORDANCE WITH NSF61.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND FURNISHING JEFFERSON PARISH WITH WRITTEN PROOF THAT ALL GLOBALLY SOURCED (FOREIGN) FITTINGS AND APPURTENANCES MEET THE AFOREMENTIONED ANSI/AWWA, AND ASTM STANDARDS. THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING THAT THESE FITTINGS AND APPURTENANCES ARE MANUFACTURED AT AN ISO REGISTERED MANUFACTURER WITH CURRENT 9001 CERTIFICATION FOR FITTINGS AND APPURTENANCE PRODUCTS AND SHALL FURNISH JEFFERSON PARISH WITH WRITTEN PROOF OF THIS REGISTRATION AND CERTIFICATION. ALL WRITTEN PROOF SHALL BE FURNISHED IMMEDIATELY AFTER EXECUTION OF THE CONTRACT DOCUMENTS AND PRIOR TO ORDERING FITTINGS AND ANY APPURTENANCE PRODUCTS.

6. **SANITARY SEWER FORCE MAINS**

6.1 **BADEPTH OF COVER** - BACKFILL ALL TRENCHES WITHIN STREET RIGHT-OF-WAYS WITH RIVER SAND. APPROVED SELECT MATERIAL MAY BE USED FOR BACKFILL OF TRENCHES OUTSIDE STREET RIGHT-OF-WAYS.

6.2 **BACKFILL** - BACKFILL ALL TRENCHES WITHIN STREET RIGHT-OF-WAYS WITH RIVER SAND. APPROVED SELECT MATERIAL MAY BE USED FOR BACKFILL OF TRENCHES OUTSIDE STREET RIGHT-OF-WAYS.

- 6.3 **PVC PIPE** - POLYVINYL CHLORIDE (PVC) PRESSURE PIPE 4 INCHES THROUGH 12 INCHES IN DIAMETER SHALL MEET AWWA SPECIFICATION C-900, DR18. PVC PIPE 14 INCHES AND LARGER IN DIAMETER SHALL MEET AWWA SPECIFICATION C-905, DR25. PVC SEWER FORCE MAINS SHALL BE GREEN.
- 6.4 **DUCTILE IRON PIPE** - ALL DUCTILE IRON PIPE SHALL CONFORM TO ANSI/AWWA A21.51/C151, ANSI/AWWA A21.50/C150 AND SHALL THICKNESS CLASS 50 FOR ALL PIPES OR PRESSURE CLASS 350 FOR SIZES 3" – 18", PRESSURE CLASS 250 FOR SIZES 20" – 36" AND PRESSURE CLASS 200 FOR SIZES 42" – 54". ALL DUCTILE IRON PIPES THAT WILL HAVE LESS THAN 24" OF COVER SHALL BE MINIMUM THICKNESS CLASS 52 RESTRAINED JOINT PIPE. DUCTILE IRON PIPE SHALL HAVE A FACTORY APPLIED INTERIOR COATING/LINING OF "PROTECTO 401" CERAMIC EPOXY LINING AS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS FOR SANITARY SEWER APPLICATIONS AND FACTORY ASPHALTIC EXTERIOR COATING. POLYETHYLENE ENCASEMENT IN ACCORDANCE WITH ANSI/AWWA C105/A21.5 SHALL BE REQUIRED FOR ALL DUCTILE IRON PIPES.
- 6.5 **STEEL CASINGS** - JEFFERSON PARISH DEPARTMENT OF ENGINEERING MAY REQUIRE SANITARY SEWER FORCE MAINS TO BE INSTALLED IN STEEL CASINGS WHEN CROSSING MAJOR (*TO BE DEFINED BY THE DEPARTMENT OF ENGINEERING*) STREETS.
- 6.6 **CASING SPACERS** - WHEN PIPE IS INSTALLED IN CASINGS, COMMERCIALY FABRICATED CASING SPACERS MUST BE USED TO PREVENT DAMAGE TO PIPE AND BELL JOINTS DURING INSTALLATION AND TO PROVIDE PROPER LONG-TERM LINE SUPPORT. USE OF WOODEN SKIDS WILL NOT BE PERMITTED. PIPES IN CASINGS SHALL BE RESTRAINED AND SHALL NOT REST ON BELLS. CASING SPACERS MUST PROVIDE SUFFICIENT HEIGHT TO PERMIT CLEARANCE BETWEEN BELL JOINTS AND CASING WALLS (ALL CASING PIPE SHALL HAVE AN INSIDE CLEAR DIMENSION AT LEAST 2" GREATER THAN THE MAXIMUM OUTSIDE DIMENSION OF THE CARRIER PIPE BELL OR MECHANICAL JOINT RESTRAINTS). SPACE BETWEEN THE CASING AND THE CARRIER PIPE SHOULD NOT BE BACKFILLED. JEFFERSON PARISH APPROVED END CASING SEAL WITH STAINLESS STEEL BANDS SHOULD BE USED TO SEAL THE ENDS OF THE CASINGS.
- 6.7 **CANAL CROSSINGS** - LONG-SPAN DUCTILE IRON PIPE SHALL BE USED AS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS FOR ALL CANAL CROSSINGS.

ALL EXPOSED FITTINGS AND JOINTS SHALL BE FLANGED WITH **TORUSEAL** "OR APPROVED EQUAL" GASKETS. UNDERGROUND FITTINGS AND JOINTS SHALL HAVE RESTRAINED MECHANICAL JOINTS. ALTERNATIVE DESIGNS MAY BE CONSIDERED IF JUSTIFIED BY SPECIAL FIELD CONDITIONS.

CANAL CROSSINGS SHALL BE SUPPORTED BY CONCRETE PILES UNLESS OTHERWISE PERMITTED BY THE JEFFERSON PARISH DEPARTMENT OF ENGINEERING.

6.8 CONFLICT BOXES

PVC OR DUCTILE IRON SEWER FORCE MAINS INSTALLED WITHIN CONFLICT MANHOLES SHALL HAVE NO JOINTS. DUCTILE IRON PIPES, UP TO 12" IN DIAMETER, ARE AVAILABLE IN 18' AND 20' LAYING LENGTHS (LARGER DIAMETER PIPES ARE LIMITED TO 18' LAYING LENGTH). FLANGED DUCTILE IRON PIPE MAY BE USED FOR SPANS LONGER THAN 20'.

6.9 HDPE PIPE (AND FITTINGS)

HIGH DENSITY POLYETHYLENE (PE) PIPE (AND FITTINGS) SHALL CONFORM TO CURRENT REQUIREMENTS OF ASTM D3350 AND ASTM D2337 AND ALL PERTINENT ASTM AND ANSI SPECIFICATIONS FOR SPECIFYING, INSTALLATION AND ACCEPTANCE (PRESSURE TESTING) OF SANITARY SEWER FORCE MAINS.

6.9.1 MATERIALS - MATERIALS USED FOR THE MANUFACTURE OF POLYETHYLENE PIPE AND FITTINGS SHALL BE PE 3408 (OR THE NEW DESIGNATION, PE3608/PE4710) HIGH DENSITY POLYETHYLENE MEETING CELL CLASSIFICATION 345464C FOR BLACK OR 345464E FOR STRIPES PER ASTM D 3350; AND SHALL BE LISTED IN THE NAME OF THE PIPE AND FITTING MANUFACTURER IN PLASTICS PIPE INSTITUTE (PPI) TR-4, *RECOMMENDED HYDROSTATIC STRENGTHS AND DESIGN STRESSES FOR THERMOPLASTIC PIPE AND FITTINGS COMPOUNDS*, WITH A STANDARD GRADE HDB RATING OF 1600 PSI AT 73°F. THE MANUFACTURER SHALL CERTIFY THAT THE MATERIALS USED TO MANUFACTURE PIPE AND FITTINGS MEET THESE REQUIREMENTS.

6.9.2 COMPATIBILITY OF PIPE AND FITTINGS - THE PIPE AND FITTINGS SHALL BE TOTALLY COMPATIBLE AND MEET THE PIPE MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.

6.9.3 POLYETHYLENE PIPE - POLYETHYLENE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA C901 FOR SIZES 1-1/4" THRU 3" IPS DIAMETERS AND TO THE REQUIREMENTS OF ASTM D3035. PIPE 4" AND ABOVE SHALL BE MANUFACTURED TO THE REQUIREMENTS OF ASTM F714 AND AWWA C906. POLYETHYLENE (PE) PIPE SHALL BE DUCTILE IRON PIPE SIZE (DIPS) DRISCOPEX 4300" AS MANUFACTURED BY PERFORMANCE PIPE OR APPROVED EQUAL.

POLYETHYLENE (PE) PIPE SHALL BE SPECIFIED BY NOMINAL DUCTILE IRON PIPE SIZE AND SHALL MEET THE REQUIREMENTS OF STANDARD DIMENSION RATIO (SDR) SDR-17 FOR DIRECT BURIAL. PIPES USED FOR DIRECTIONAL BORES, STANDARD JACKING AND BORING, HIGHWAY AND RAILWAY CROSSINGS SHALL BE SDR-11 OR GREATER STRENGTH IF REQUIRED BY SPECIAL DESIGN.

- 6.9.4 SERVICE IDENTIFICATION STRIPES** - PERMANENT IDENTIFICATION OF THE PIPING SERVICE SHALL BE PROVIDED BY CO-EXTRUDING COLOR STRIPES INTO THE PIPE OUTSIDE SURFACE. THE STRIPING MATERIAL SHALL BE THE SAME MATERIAL AS THE PIPE MATERIAL EXCEPT FOR COLOR. STRIPES PRINTED ON THE PIPE OUTSIDE SURFACE SHALL NOT BE ACCEPTABLE. IPS SIZED PIPES SHALL HAVE FOUR EQUALLY SPACED, LONGITUDINAL COLOR STRIPES. DIPS SIZED PIPES SHALL HAVE THREE EQUALLY SPACED PAIRS OF LONGITUDINAL COLOR STRIPES. THE STRIPE COLOR SHALL BE GREEN.
- 6.9.5 POLYETHYLENE FITTINGS & CUSTOM FABRICATIONS** - POLYETHYLENE FITTINGS AND CUSTOM FABRICATIONS SHALL BE MOLDED OR FABRICATED BY THE APPROVED PIPE MANUFACTURER. ALL FITTINGS AND CUSTOM FABRICATIONS SHALL BE PRESSURE RATED FOR THE SAME INTERNAL PRESSURE RATING AS THE MATING PIPE. REDUCED PRESSURE-RATED (DE-RATED) FABRICATED FITTINGS ARE PROHIBITED.
- 6.9.6 MOLDED FITTINGS** - MOLDED FITTINGS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM D 3261 AND SHALL BE SO MARKED.
- 6.9.7 X-RAY INSPECTION** - THE MANUFACTURER SHALL SUBMIT SAMPLES FROM EACH MOLDED FITTINGS PRODUCTION LOT TO X-RAY INSPECTION.
- 6.9.8 FABRICATED FITTINGS** - FABRICATED FITTINGS SHALL BE MADE BY HEAT FUSION JOINING SPECIALLY MACHINED SHAPES CUT FROM PIPE, POLYETHYLENE SHEET STOCK, OR MOLDED FITTINGS. FABRICATED FITTINGS SHALL BE RATED FOR INTERNAL PRESSURE SERVICE AT LEAST EQUAL TO THE FULL SERVICE PRESSURE RATING OF THE MATING PIPE.
- 6.9.9 POLYETHYLENE FLANGE ADAPTERS** - FLANGE ADAPTERS SHALL BE MADE WITH SUFFICIENT THROUGH-BORE LENGTH TO BE CLAMPED IN A BUTT FUSION-JOINING MACHINE WITHOUT THE USE OF A STUB-END HOLDER. THE SEALING SURFACE OF THE FLANGE ADAPTER SHALL BE MACHINED WITH A SERIES OF SMALL V-SHAPED GROOVES (SERRATIONS) TO PROMOTE GASKETLESS SEALING, OR RESTRAIN THE GASKET AGAINST BLOWOUT.
- 6.9.10 BACK-UP RINGS & FLANGE BOLTS** - FLANGE ADAPTERS SHALL BE FITTED WITH BACK-UP RINGS PRESSURE RATED EQUAL TO OR GREATER

THAN THE MATING PIPE. THE BACK-UP RING BORE SHALL BE CHAMFERED OR RADIUS TO PROVIDE CLEARANCE TO THE FLANGE ADAPTER RADIUS. FLANGE BOLTS AND NUTS SHALL BE GRADE 2 OR HIGHER.

6.9.11 MJ ADAPTERS - MJ ADAPTERS 4" AND ABOVE SHALL BE PROVIDED WITH HEAVY DUTY BACK-UP RING KITS AND STAINLESS STEEL STIFFENERS.

6.9.12 JOINING

6.9.12.1 HEAT FUSION JOINING.

JOINTS BETWEEN PLAIN END PIPES AND FITTINGS SHALL BE MADE BY BUTT FUSION. JOINTS BETWEEN THE MAIN AND SADDLE BRANCH FITTINGS SHALL BE MADE USING SADDLE FUSION. THE BUTT FUSION AND SADDLE FUSION PROCEDURES USED SHALL BE PROCEDURES THAT ARE RECOMMENDED BY THE PIPE AND FITTING MANUFACTURER. THE CONTRACTOR SHALL ENSURE THAT PERSONS MAKING HEAT FUSION JOINTS HAVE RECEIVED TRAINING IN THE MANUFACTURER'S RECOMMENDED PROCEDURE. THE CONTRACTOR SHALL MAINTAIN RECORDS OF TRAINED PERSONNEL, AND SHALL CERTIFY THAT TRAINING WAS RECEIVED NOT MORE THAN 12 MONTHS BEFORE COMMENCING CONSTRUCTION. EXTERNAL AND INTERNAL BEADS SHALL NOT BE REMOVED.

6.9.12.2 BUTT FUSION OF UNLIKE WALL THICKNESS.

BUTT FUSION SHALL BE PERFORMED BETWEEN PIPE ENDS, OR PIPE ENDS AND FITTING OUTLETS THAT HAVE THE SAME OUTSIDE DIAMETER AND ARE NOT DIFFERENT IN WALL THICKNESS BY MORE THAN ONE STANDARD DR, FOR EXAMPLE, SDR 13.5 TO SDR 17, OR SDR 11 TO SDR 13.5. TRANSITIONS BETWEEN UNLIKE WALL THICKNESS GREATER THAN ONE SDR SHALL BE MADE WITH A TRANSITION NIPPLE (A SHORT LENGTH OF THE HEAVIER WALL PIPE WITH ONE END MACHINED TO THE LIGHTER WALL) OR BY MECHANICAL MEANS OR ELECTROFUSION. SDR'S FOR POLYETHYLENE PIPE ARE 7.3, 9, 11, 13.5, 17, 21, 26, 32.5 AND 41.

6.9.12.3 JOINING BY OTHER MEANS.

POLYETHYLENE PIPE AND FITTINGS MAY BE JOINED TOGETHER OR TO OTHER MATERIALS BY MEANS OF (A) FLANGED CONNECTIONS (FLANGE ADAPTERS AND BACK-UP RINGS), (B) MECHANICAL COUPLINGS DESIGNED FOR JOINING POLYETHYLENE PIPE OR FOR JOINING POLYETHYLENE PIPE TO ANOTHER MATERIAL, (C) MJ ADAPTERS OR (D) ELECTROFUSION. WHEN

JOINING BY OTHER MEANS, THE INSTALLATION INSTRUCTIONS OF THE JOINING DEVICE MANUFACTURER SHALL BE OBSERVED.

6.9.12.4 ID STIFFENER AND RESTRAINT.

A STIFFENER SHALL BE INSTALLED IN THE BORE OF THE POLYETHYLENE PIPE WHEN AN OD COMPRESSION MECHANICAL COUPLING IS USED AND WHEN CONNECTING PLAIN END PE PIPE TO A MECHANICAL JOINT PIPE, FITTING OR APPURTENANCE. EXTERNAL CLAMP AND TIE ROD RESTRAINT SHALL BE INSTALLED WHERE PE PIPE IS CONNECTED TO THE SOCKET OF A MECHANICAL JOINT PIPE, FITTING OR APPURTENANCE EXCEPT WHERE AN MJ ADAPTER IS USED.

6.9.12.5 BRANCH CONNECTIONS.

BRANCH CONNECTIONS TO THE MAIN SHALL BE MADE WITH SADDLE FITTINGS OR TEES. POLYETHYLENE SADDLE FITTINGS SHALL BE SADDLE FUSED TO THE MAIN PIPE PER SECTION 4.8.12.1 ABOVE.

6.9.13 INSTALLATION:

6.9.13.1 GENERAL.

WHEN DELIVERED, A RECEIVING INSPECTION SHALL BE PERFORMED AND ANY SHIPPING DAMAGE SHALL BE REPORTED TO THE MANUFACTURER WITHIN 7 DAYS. INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM D 2774, MANUFACTURER'S RECOMMENDATIONS AND THIS SPECIFICATION. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO ENSURE A SAFE WORKING ENVIRONMENT IN ACCORDANCE WITH ALL APPLICABLE SAFETY CODES AND STANDARDS.

6.9.13.2 EXCAVATION.

TRENCH EXCAVATIONS SHALL CONFORM TO THE PLANS AND DRAWINGS, AS AUTHORIZED IN WRITING BY THE PROJECT ENGINEER OR HIS APPROVED REPRESENTATIVE, AND IN ACCORDANCE WITH ALL APPLICABLE CODES. THE CONTRACTOR SHALL REMOVE EXCESS GROUNDWATER. WHERE NECESSARY, TRENCH WALLS SHALL BE SHORED OR REINFORCED, AND ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO ENSURE A SAFE WORKING ENVIRONMENT.

6.9.13.3 MECHANICAL JOINT & FLANGE INSTALLATION.

MECHANICAL JOINT AND FLANGE CONNECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURE. MJ ADAPTERS AND FLANGES SHALL BE CENTERED AND ALIGNED TO THE

MATING COMPONENT BEFORE ASSEMBLING AND TIGHTENING BOLTS. IN NO CASE SHALL MJ GLAND OR FLANGE BOLTS BE USED TO DRAW THE CONNECTION INTO ALIGNMENT. BOLT THREADS SHALL BE LUBRICATED, AND FLAT WASHERS SHOULD BE USED UNDER THE NUTS. BOLTS SHALL BE EVENLY TIGHTENED ACCORDING TO THE TIGHTENING PATTERN AND TORQUE STEP RECOMMENDATIONS OF THE MANUFACTURER. AT LEAST 1 HOUR AFTER INITIAL ASSEMBLY, FLANGE CONNECTIONS SHALL BE RE-TIGHTENED FOLLOWING THE TIGHTENING PATTERN AND TORQUE STEP RECOMMENDATIONS OF THE MANUFACTURER. THE FINAL TIGHTENING TORQUE SHALL BE AS RECOMMENDED BY THE MANUFACTURER.

6.9.13.4 FOUNDATION & BEDDING.

PIPE SHALL BE LAID ON GRADE AND ON A STABLE FOUNDATION. UNSTABLE TRENCH BOTTOM SOILS SHALL BE REMOVED, AND A MINIMUM 6" FOUNDATION OR BEDDING OF COMPACTED GRANULAR MATERIAL SHALL BE INSTALLED TO PIPE BOTTOM GRADE. EXCESS GROUNDWATER SHALL BE REMOVED FROM THE TRENCH BEFORE LAYING THE FOUNDATION OR BEDDING FOR THE PIPE. A TRENCH CUT IN ROCK OR STONY SOIL SHALL BE EXCAVATED TO MINIMUM 6" BELOW PIPE BOTTOM GRADE, AND BROUGHT BACK TO GRADE WITH COMPACTED GRANULAR BEDDING. ALL LEDGE ROCK, BOULDERS AND LARGE STONES SHALL BE REMOVED.

6.9.13.5 PIPE HANDLING.

WHEN LIFTING WITH SLINGS, ONLY WIDE FABRIC CHOKER SLINGS CAPABLE OF SAFELY CARRYING THE LOAD SHALL BE USED TO LIFT, MOVE, OR LOWER PIPE AND FITTINGS. WIRE ROPE AND CHAIN ARE PROHIBITED. SLINGS SHALL BE OF SUFFICIENT CAPACITY FOR THE LOAD, AND SHALL BE INSPECTED BEFORE USE. WORN OR DAMAGED EQUIPMENT SHALL NOT BE USED.

6.9.13.6 BACKFILLING.

EMBEDMENT MATERIAL SOIL TYPE AND PARTICLE SIZE SHALL BE IN ACCORDANCE WITH ASTM D 2774. EMBEDMENT SHALL BE PLACED AND COMPACTED TO AT LEAST 90% STANDARD PROCTOR DENSITY IN 6" LIFTS TO AT LEAST 6" ABOVE THE PIPE CROWN. DURING EMBEDMENT PLACEMENT AND COMPACTION, CARE SHALL BE TAKEN TO ENSURE THAT THE HAUNCH AREAS BELOW THE PIPE SPRINGLINE ARE COMPLETELY FILLED AND FREE OF VOIDS.

6.9.13.7 PROTECTION AGAINST SHEAR AND BENDING LOADS.

IN ACCORDANCE WITH ASTM D 2774, CONNECTIONS SHALL BE PROTECTED WHERE AN UNDERGROUND POLYETHYLENE BRANCH OR SERVICE PIPE IS

JOINED TO A BRANCH FITTING SUCH AS A SERVICE SADDLE, BRANCH SADDLE OR TAPPING TEE ON A MAIN PIPE, AND WHERE PIPES ENTER OR EXIT CASINGS OR WALLS. THE AREA SURROUNDING THE CONNECTION SHALL BE EMBEDDED IN PROPERLY PLACED, COMPACTED BACKFILL, PREFERABLY IN COMBINATION WITH A PROTECTIVE SLEEVE OR OTHER MECHANICAL STRUCTURAL SUPPORT TO PROTECT THE POLYETHYLENE PIPE AGAINST SHEAR AND BENDING LOADS.

6.9.13.8 FINAL BACKFILLING.

FINAL BACKFILL SHALL BE PLACED AND COMPACTED TO FINISHED GRADE. NATIVE SOILS MAY BE USED PROVIDED THE SOIL IS FREE OF DEBRIS, STONES, BOULDERS, CLUMPS, FROZEN CLOUDS OR THE LIKE LARGER THAN 8" IN THEIR LARGEST DIMENSION.

6.9.14 TESTING

6.9.14.1 FUSION QUALITY

THE CONTRACTOR SHALL ENSURE THE FIELD SET-UP AND OPERATION OF THE FUSION EQUIPMENT, AND THE FUSION PROCEDURE USED BY THE CONTRACTOR'S FUSION OPERATOR WHILE ON SITE. UPON REQUEST BY THE OWNER, THE CONTRACTOR SHALL VERIFY FIELD FUSION QUALITY BY MAKING AND TESTING A TRIAL FUSION. THE TRIAL FUSION SHALL BE ALLOWED TO COOL COMPLETELY; THEN TEST STRAPS SHALL BE CUT OUT AND BENT STRAP TESTED IN ACCORDANCE WITH ASTM D 2657. IF THE BENT STRAP TEST OF THE TRIAL FUSION FAILS AT THE JOINT, THE FIELD FUSIONS REPRESENTED BY THE TRIAL FUSION SHALL BE REJECTED. THE CONTRACTOR AT HIS EXPENSE SHALL MAKE ALL NECESSARY CORRECTIONS TO EQUIPMENT, SET-UP, OPERATION AND FUSION PROCEDURE, AND SHALL RE-MAKE THE REJECTED FUSIONS.

6.9.14.2 LEAK TESTING.

HYDROSTATIC LEAK TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH PERFORMANCE PIPE TECHNICAL NOTE 802 LEAK TESTING. PNEUMATIC PRESSURE TESTING IS PROHIBITED.

6.10 FITTINGS

FITTINGS SHALL BE DUCTILE IRON FLANGED, MECHANICAL OR BOLTLESS RESTRAINED JOINTS MEETING ANSI/AWWA C110/A21.10 AND ANSI/AWWA

C111/A21.11, CLASS 250, OR ANSI/AWWA C153/A21.53.84, CLASS 350, COMPACT STANDARD. DUCTILE IRON FITTINGS SHALL HAVE A FACTORY APPLIED INTERIOR COATING/LINING OF “**PROTECTO 401**” CERAMIC EPOXY LINING AS PER MANUFACTURER’S RECOMMENDATIONS AND REQUIREMENTS FOR SANITARY SEWER APPLICATIONS AND FACTORY ASPHALTIC EXTERIOR COATING. POLYETHYLENE ENCASEMENT IN ACCORDANCE WITH ANSI/AWWA C105/A21.5 SHALL BE REQUIRED FOR ALL DUCTILE IRON PIPES AND FITTINGS.

FITTINGS SHALL BE MANUFACTURED IN THE UNITES STATES OF AMERICA OR BE MANUFACTURED BY STAR PIPE PRODUCTS, SIGMA, TYLER/UNION FOUNDRY, SIP OR NACIP WITH CURRENT ISO CERTIFICATION.

6.11 MINIMUM PIPE LENGTH

THERE SHALL BE A MINIMUM OF 24 INCHES OF STRAIGHT PIPE BEFORE, AFTER OR IN BETWEEN VALVES, FITTINGS, ETC.

6.12 PIPE AND FITTING JOINT STYLE:

6.12.1 DUCTILE IRON

DUCTILE IRON PIPES AND FITTINGS SHALL BE FLANGED (AERIAL/BRIDGE CROSSINGS), PUSH-ON, MECHANICAL, RESTRAINED MECHANICAL OR BOLTLESS RESTRAINED JOINTS MEETING ANSI/AWWA A21.51/C151 AND ANSI/AWWA A21.50/C150.

6.12.2 PVC

PUSH-ON JOINTS SHALL CONSIST OF AN INTEGRAL BELL WITH A FACTORY INSTALLED “LOCKED-IN” ELASTOMERIC GASKET. THE SPIGOT END OF EACH JOINT SHALL BE FACTORY BEVELED. ELASTOMERIC GASKET SHALL MEET THE REQUIREMENTS OF ASTM “D1869” AND “F-477”. RESTRAINING SHALL BE ACCOMPLISHED BY USE OF DUCTILE IRON MECHANICAL JOINTS RESTRAINER GLANDS OR BELL RESTRAINT HARNESS WITH STAINLESS STEEL HARDWARE.

6.12.3 POLYETHYLENE

POLYETHYLENE PIPING SHALL BE CONNECTED TO OTHER TYPE PIPES BY THERMAL BUTT-FUSION, FLANGE ASSEMBLIES OR POLYETHYLENE

MECHANICAL JOINT ADAPTERS BASED UPON MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.

6.13 RESTRAINED JOINTS

ALL VALVES, FITTINGS, PLUGS, REDUCERS, ETC., SHALL HAVE RESTRAINED JOINTS. UNLESS FIELD CONDITIONS AND / OR SPECIAL DESIGN CONDITIONS NECESSITATE, USE OF THRUST BLOCKING SHALL NOT BE PERMITTED. THRUST BLOCKS ARE PERMITTED ONLY WHEN ADEQUATE LENGTH OF PIPE CANNOT BE RESTRAINED DUE TO FIELD CONDITIONS AND/OR FOR TEMPORARY CONSTRUCTION. A MINIMUM OF 12' LONG STEEL SHEET PILE SHALL BE USED IN CONJUNCTION WITH THE JEFFERSON PARISH DETAILS (SEE JEFFERSON PARISH WATER STANDARD DRAWINGS) FOR THRUST BLOCKING. LENGTH OF RESTRAINED PIPES SHALL BE PER MANUFACTURER'S REQUIREMENTS. JEFFERSON PARISH WATER STANDARD DRAWINGS PROVIDE SOME MINIMUM LENGTHS FOR RESTRAINED PIPES IN OFFSETS. THESE MINIMUM REQUIREMENTS SHALL ONLY BE USED IF THE MANUFACTURER'S REQUIRED RESTRAINED LENGTHS, BASED ON SOIL TYPE, TRENCH TYPE, TEST PRESSURE, SAFETY FACTOR, DEPTH OF BURY, FITTING TYPE, NOMINAL SIZE, PIPE MATERIAL, ETC. ARE LESS THAN THESE MINIMUM REQUIREMENTS.

6.14 PAINT

EXPOSED SANITARY SEWER FORCE MAINS, SUCH AS AERIAL/BRIDGE CROSSINGS OVER DRAINAGE CANALS SHALL HAVE FACTORY APPLIED PRIMER WITH FIELD-FINISH BROWN PAINT. PRIMER AND PAINT MATERIAL SHOULD BE FULLY COMPATIBLE WITH THE EXTERNAL ENVIRONMENT AND IN FULL CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS FOR THE INTENDED PURPOSE.

6.15 TAPPING SLEEVES

TAPPING SLEEVES FOR PVC, AC AND DUCTILE IRON SHALL BE MANUFACTURED OF 18-8 304 STAINLESS STEEL WITH STAINLESS STEEL FLANGE. TAPPING SLEEVES FOR PRE-STRESSED CONCRETE CYLINDER PIPE SHALL BE IN ACCORDANCE WITH AWWA MANUAL M-2. ALL NUTS AND BOLTS SHALL BE STAINLESS STEEL WITH ANTI-SEIZE COMPOUND OR HEAT TREATED TEFLON COATED COR-TEN. TAPPING SLEEVES SHALL BE MANUFACTURED BY ROMAC, CASCADE OR JCM.

6.16 TAPPING VALVES

TAPPING VALVES SHALL BE MANUFACTURED BY MUELLER, CLOW, M&H OR KENNEDY. VALVES SHALL HAVE AN OUTLET AND CONNECTION SUITABLE FOR MAKE UP, TAPPING SLEEVE AND ADJACENT PIPE.

6.17 COUPLINGS

DUCTILE IRON COUPLINGS SHALL HAVE A FACTORY APPLIED INTERIOR COATING/LINING OF "PROTECTO 401" CERAMIC EPOXY LINING AS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS FOR SANITARY SEWER APPLICATIONS.

G. LONG BODY TRANSITIONAL COUPLING

LONG BODY TRANSITIONAL COUPLINGS IN ACCORDANCE WITH THE FOLLOWING TABLE, SHALL BE USED FOR CONNECTING PROPOSED/NEW PIPES TO EXISTING PIPES OF DIFFERENT MATERIAL, FOR EXAMPLE, "PVC C-900" TO "AC" OR "CAST IRON". ONLY LONG BODY COUPLINGS SHALL BE USED TO PROVIDE RESTRAIN JOINTS. LONG BODY TRANSITIONAL COUPLINGS SHALL BE:

1. ROMAC

- 501 STRAIGHT, TRANSITION, LONG BARREL COUPLING
- XR501 EXTENDED RANGE COUPLING
- RC501 REDUCING COUPLING

2. FORD

- STYLE FC1 STRAIGHT COUPLING
- STYLE FC2A TRANSITION COUPLING
- STYLE FRC REDUCING COUPLING
- STYLE FC2W LONG SLEEVE WIDE RANGE COUPLING

3. SMITH-BLAIR

- SERIES 441A STRAIGHT AND TRANSITION COUPLING-STANDARD LENGTH
- SERIES 443 TRANSITION SLEEVE COUPLING IN SIZES 10"-16"
- SERIES 413 STEEL TRANSITION COUPLING IN SIZES 18"-36"

NOMINAL PIPE SIZE, INCHES.	TRANSITION COUPLING MINIMUM LENGTH, INCHES.
4, 6, 8	12
10, 12, 14, 16	18
18, 20, 24, 30, 36	24

H. **SPECIAL COUPLINGS**

1. **HYMAX SERIES 2000**

“HYMAX” SERIES 2000 TRANSITION COUPLINGS AS SUPPLIED BY TOTAL PIPING SYSTEMS SHALL BE FURNISHED WITH 2 STAINLESS STEEL NUTS AND BOLTS WITH ANTI-SEIZE COMPOUND COATING. POLYETHYLENE ENCASEMENT IN ACCORDANCE WITH ANSI/AWWA C105/A21.5 (MINIMUM 8 MIL THICK) SHALL BE REQUIRED FOR ALL COUPLINGS.

2. **MACRO TWO BOLT EXTENDED RANGE COUPLING**

“MACRO” TOW-BOLT EXTENDED RANGE COUPLINGS AS SUPPLIED BY ROMAC INDUSTRIES, INC. SHALL BE FURNISHED WITH 2 STAINLESS STEEL NUTS AND BOLTS WITH ANTI-SEIZE COMPOUND COATING. POLYETHYLENE ENCASEMENT IN ACCORDANCE WITH ANSI/AWWA C105/A21.5 (MINIMUM OF 8 MIL THICK) SHALL BE REQUIRED FOR ALL COUPLINGS.

6.18 BOLTS AND NUTS

ALL BOLTS AND NUTS SHALL BE STAINLESS STEEL WITH ANTI-SEIZE COMPOUND OR HEAT TREATED TEFLON COATED COR-TEN.

6.19 VALVES:

THE CONTRACTOR SHALL SUBMIT VALVE SHOP DRAWINGS TO THE JEFFERSON PARISH SEWERAGE AND ENGINEERING DEPARTMENTS FOR THEIR APPROVAL BEFORE ORDERING THE VALVES.

6.19.1 GATE VALVES

ALL GATE SHALL HAVE CAST IRON OR DUCTILE IRON BODIES, BRONZE MOUNTED, 125 # DOUBLE BRONZE FACE DISC. VALVES SHALL CONFORM TO AWWA C500 AND HAVE A NON-RISING STEM, 2 INCH OPERATING NUT AND OPEN IN A COUNTER-CLOCKWISE DIRECTION (LEFT HAND OPENING). GATE VALVES SHALL HAVE A FACTORY APPLIED EPOXY COATING AND HAVE STAINLESS STEEL OR HEAT TREATED TEFLON COATED CORE-TEN BOLTS AND NUTS. NO CADMIUM PLATED NUTS AND BOLTS ARE PERMITTED. GATE VALVES SHALL BE MANUFACTURED BY EAST JORDAN IRON WORKS, INC., MUELLER COMPANY, M & H, KENNEDY, CLOW OR DZURICH. VALVES MUST BE OF DOMESTIC UNITED STATES OF AMERICA MANUFACTURE.

6.19.2 CHECK VALVES

CHECK VALVES 3 INCH TO 12 INCH IN SIZE SHALL BE M&H BRAND SWING CHECK VALVES, LEVER & WEIGHT FLANGED, CAST IRON OR DUCTILE IRON BODY, BRONZE MOUNTED, 125#, SHOPCOAT FINISH, COMPLIES WITH MSS-SP-71 TYPE II AND MIL. SPEC. MIL-V-18436 GROUP B, TYPE III, TRIM 2, BOLTED CAP, STYLE # 159-02. THE VALVE SHALL BE SUITABLE FOR DIRECT BURIAL AND SHALL HAVE FLANGED OR MECHANICAL JOINT ENDS. VALVES SHALL BE OF DOMESTIC UNITED STATES OF AMERICA MANUFACTURE.

6.19.3 COMBINATION AIR AND VACUUM RELEASE VALVE

THE VALVE SHALL CONTROL AIR IN SEWAGE SYSTEMS TO PROVIDE MAXIMUM FLOW EFFICIENCY AND SYSTEM PROTECTION. THE DESIGN SHALL PREVENT CONTACT BETWEEN THE SEWAGE AND THE SEALING MECHANISM AND ENSURE A DRIP TIGHT SEAL. THE VALVE SHALL BE 2" MNPT AS MANUFACTURED BY A.R.I. MODEL D-025 OR PRIOR APPROVED EQUAL.

6.20 LINES CONSTRUCTED ON PRIVATE PROPERTY

ALL SANITARY SEWER FORCE MAINS INSTALLED ON PRIVATE PROPERTY SHALL BE INSTALLED IN ACCORDANCE WITH JEFFERSON PARISH STANDARDS AND SPECIFICATIONS. ALL SANITARY SEWER FORCE MAINS CONSTRUCTED ON PRIVATE PROPERTY, SHALL REMAIN PRIVATE. IN SPECIAL CIRCUMSTANCES WHEN JEFFERSON PARISH MAY HAVE TO TAKE OVER THE MAINTENANCE OF ANY SANITARY SEWER FORCE MAINS, A 20 FOOT WIDE MINIMUM SERVITUDE, CENTERED ON THE MAIN, MUST BE DEDICATED TO JEFFERSON PARISH.

6.21 CLEARANCE

6.21.1 BETWEEN WATER LINES AND SANITARY SEWER LINES

WHEN SANITARY SEWER LINES ARE PARALLEL TO WATER LINES, THE CLEARANCE SHALL BE A MINIMUM OF 6 FEET (MEASURED HORIZONTALLY): WHEN SEWER AND WATER LINES CROSS, VERTICAL CLEARANCE SHALL BE 18 INCHES, WITH THE WATER LINE CROSSING ON TOP. IF THESE CONDITIONS CANNOT BE MET, DUE TO FIELD CONDITIONS, THE "10 STATE STANDARDS" ((PHONE (518) 439-7286, WEB SITE: WWW.HES.ORG)) GUIDELINES CAN BE FOLLOWED, WITH APPROVAL OF THE JEFFERSON PARISH ENGINEERING DEPARTMENT.

6.21.2 BETWEEN SANITARY SEWER FORCE MAINS AND ANY PRIVATE UTILITY LINES

MINIMUM CLEARANCE BETWEEN A SANITARY SEWER FORCE MAIN AND ANY PRIVATE UTILITY LINE SHALL BE 6 FEET (MEASURED HORIZONTALLY). PRIVATE UTILITIES SHALL BE INSTALLED IN PRIVATE SERVITUDES.

6.21.3 BETWEEN SANITARY SEWER FORCE MAINS AND BUILDINGS

SANITARY SEWER FORCE MAINS SHALL NOT BE INSTALLED CLOSER THAN 10 FEET (MEASURED HORIZONTALLY) FROM ANY BUILDING FOUNDATION, WALL OR BUILDING OVERHANG. THIS 10 FOOT CLEARANCE MAY BE REDUCED TO 6 FEET IN AREAS WITH COMMERCIAL ZONING WITH LIMITED RIGHT-OF-WAY AND WITH APPROVAL OF THE JEFFERSON PARISH ENGINEERING DEPARTMENT.

6.22 SEWER FORCE MAIN SYSTEM AS-BUILT PLANS/INFORMATION AND FINAL INSPECTION

THREE DAYS PRIOR TO TESTING OF ANY SEGMENT OF THE SFM SYSTEM AND PUTTING THE SFM INTO SERVICE, SFM AS-BUILT PLANS/INFORMATION SHOULD BE COMPLETED BY THE CONTRACTOR AND THREE (3) BLUE OR BLACK LINE COPIES SHOULD BE SUBMITTED (THROUGH THE A/E) TO THE DEPARTMENT OF ENGINEERING. AS-BUILT PLANS/INFORMATION SHOULD BE COMPLETED IN SUCH A WAY THAT IDENTIFY THE TYPE AND LOCATION OF VALVES, FITTINGS AND OTHER APPURTENANCES AS WELL AS THE PIPE TYPE, SIZE, LENGTH, ETC. AS-BUILT PLANS/INFORMATION SHOULD BE USED

AS A BASIS FOR THE FINAL INSPECTION AND PREPARATION OF FINAL AS-BUILT DRAWINGS.

THE REQUIREMENTS OF THIS SECTION IS SEPARATE FROM THE PARISH REQUIREMENTS FOR PROJECT AS-BUILT DRAWINGS (PLANS) WHICH INCLUDE THREE (3) BLUE OR BLACK LINE COPIES, A MYLAR SET, AND AN ELECTRONIC COPY OF THE COMPLETED AS-BUILT PLANS ON CD-ROM IN "PDF" AND "ACAD 2004" FORMAT.

THE ELECTRONIC COPY OF THE COMPLETED AS-BUILT PLANS SHALL BE A PROPERLY GEO-REFERENCED (REFERENCED TO STATE PLANE COORDINATES SYSTEM 1983, ZONE 1702, LOUISIANA SOUTH WITH X AND Y COORDINATES IN FEET) AUTO CAD DRAWING OF THE FINAL "MARK-UP" AS-BUILT WITH A LISTING OF THE X AND Y COORDINATES, FOR EACH FEATURE (VALVES, FITTINGS, REDUCERS, ETC...).

6.23 PRESSURE TESTING SANITARY SEWER FORCE MAINS

ALL NEW AND/OR MODIFIED SEGMENTS OF THE SANITARY SEWER FORCE MAIN SYSTEM SHALL BE TESTED TO A PRESSURE OF 50% ABOVE THE NORMAL OPERATING PRESSURE OR 100 P.S.I. WHICHEVER IS GRATER. THIS PRESSURE SHALL BE MAINTAINED FOR A PERIOD OF TWO (2) HOURS WITH NO DISCERNIBLE PRESSURE LOSS. LEAKS SHALL BE REPAIRED BY REMOVING AND REPLACING FAULTY SECTIONS. THE PRESSURE TEST SHALL BE PERFORMED BY THE CONTRACTOR UNDER THE DIRECT SUPERVISION OF THE JEFFERSON PARISH ENGINEERING DEPARTMENT. ONLY AFTER SATISFACTORY PRESSURE TESTING IS COMPLETED CAN THE SEGMENT BE TIED INTO THE EXISTING SANITARY SEWER FORCE MAIN SYSTEM OR A MANHOLE. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE ALLOWED TO MAKE A TIE-IN TO THE EXISTING SEWER SYSTEM WITHOUT DIRECT SUPERVISION OF THE JEFFERSON PARISH ENGINEERING DEPARTMENT. ALL COSTS ASSOCIATED WITH THE TESTING PROCEDURE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

6.24 PIPE INSTALLATION

THE INSTALLATION OF SANITARY SEWER FORCE MAINS AND OTHER RELATED APPURTENANCES SHALL BE STRICTLY IN ACCORDANCE WITH THESE JEFFERSON PARISH STANDARD NOTES, AND LATEST APPLICABLE AWWA STANDARDS SUCH AS AWWA C600 (INSTALLATION OF DUCTILE-IRON FORCE MAINS AND APPURTENANCES), AWWA C605 (UNDERGROUND INSTALLATION OF POLYVINYL CHLORIDE (PVC) PRESSURE PIPE AND FITTINGS FOR FORCE MAINS), ETC. AND THE MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS.

IN ADDITION TO ANY PREVIOUSLY MENTIONED REQUIREMENTS FOR POLYETHYLENE ENCASEMENT, POLYETHYLENE ENCASEMENT IN ACCORDANCE WITH ANSI/AWWA C105/A21.5 (MINIMUM 8 MIL THICK) MAY BE REQUIRED FOR ALL "DUCTILE IRON FITTINGS" AND "APPURTENANCES" REGARDLESS OF ANY SPECIFIC COATING.

6.25 PIPE BEDDING

THE OBJECTIVE OF BEDDING IS TO PROVIDE A CONTINUOUS SUPPORT FOR THE PIPE AT REQUIRED LINE AND GRADE. THE BEDDING MAY OR MAY NOT BE COMPACTED, BUT IN ANY EVENT, THE PROJECTING BELLS OF THE PIPE SHOULD BE PROPERLY RELIEVED IN THE TRENCH BOTTOM SO THAT THE ENTIRE PIPE IS EVENLY SUPPORTED BY THE BEDDING. WHERE THE TRENCH BOTTOM IS UNSTABLE (ORGANIC MATERIAL, OR "QUICK" SAND OR SIMILAR MATERIAL), THE TRENCH BOTTOM SHOULD BE OVER-EXCAVATED AND BROUGHT BACK TO GRADE UTILIZING DUNNAGE BOARDS, GEOGRID, GEOTEXTILE FABRIC OR APPROVED BEDDING MATERIAL AND/OR ANY COMBINATION OF SAME.

SANITARY SEWER FORCE MAIN TRENCH DESIGN, PIPE BEDDING, AND BACKFILL SHALL BE PER "JEFFERSON PARISH WATER STANDARD DETAILS" SHEET.

TABLE OF CONTENTS

1.	NOTIFICATION	1
2.	MATERIAL	1
3.	NON CONFORMANCE	2
4.	VERIFICATION OF EXISTING UTILITIES PRIOR TO ORDERING MATERIALS.....	2
5.	DOMESTICITY.....	2
A.	PURPOSE OF THIS SECTION	2
B.	CLARIFICATION OF TERMS.....	3
C.	VALVES.....	3
D.	APPURTENANCES.....	3
E.	FITTINGS.....	3
F.	ISO REGISTERED MANUFACTURER.....	4
6.	SANITARY SEWER FORCE MAINS	4
6.1	BADEPTH OF COVER.....	4
6.2	BACKFILL.....	4
6.3	PVC PIPE	5
6.4	DUCTILE IRON PIPE	5
6.5	STEEL CASINGS.....	5
6.6	CASING SPACERS	5
6.7	CANAL CROSSINGS	5
6.8	CONFLICT BOXES.....	6
6.9	HDPE PIPE (AND FITTINGS).....	6
6.9.1	MATERIALS.....	6
6.9.2	COMPATIBILITY OF PIPE AND FITTINGS	6
6.9.3	POLYETHYLENE PIPE.....	6
6.9.4	SERVICE IDENTIFICATION STRIPES.....	7
6.9.5	POLYETHYLENE FITTINGS & CUSTOM FABRICATIONS.....	7
6.9.6	MOLDED FITTINGS	7
6.9.7	X-RAY INSPECTION.....	7
6.9.8	FABRICATED FITTINGS.....	7
6.9.9	POLYETHYLENE FLANGE ADAPTERS	7
6.9.10	BACK-UP RINGS & FLANGE BOLTS	7
6.9.11	MJ ADAPTERS.....	8
6.9.12	JOINING	8
6.9.12.1	HEAT FUSION JOINING.....	8
6.9.12.2	BUTT FUSION OF UNLIKE WALL THICKNESS	8
6.9.12.3	JOINING BY OTHER MEANS.....	8
6.9.12.4	ID STIFFENER AND RESTRAINT.....	9
6.9.12.5	BRANCH CONNECTIONS.....	9
6.9.13	INSTALLATION	9
6.9.13.1	GENERAL.....	9
6.9.13.2	EXCAVATION	9
6.9.13.3	MECHANICAL JOINT & FLANGE INSTALLATION.....	9
6.9.13.4	FOUNDATION & BEDDING.....	10

6.9.13.5	PIPE HANDLING	10
6.9.13.6	BACKFILLING.....	10
6.9.13.7	PROTECTION AGAINST SHEAR AND BENDING LOADS.....	10
6.9.13.8	FINAL BACKFILLING	11
6.9.14	TESTING	11
6.9.14.1	FUSION QUALITY.....	11
6.9.14.2	LEAK TESTING	11
6.10	FITTINGS.....	11
6.11	MINIMUM PIPE LENGTH	12
6.12	PIPE AND FITTING JOINT STYLE:.....	12
6.12.1	DUCTILE IRON	12
6.12.2	PVC	12
6.12.3	POLYETHYLENE.....	12
6.13	RESTRAINED JOINTS	13
6.14	PAINT.....	13
6.15	TAPPING SLEEVES.....	13
6.16	TAPPING VALVES.....	14
6.17	COUPLINGS	14
G.	LONG BODY TRANSITIONAL COUPLING	14
1.	ROMAC	14
2.	FORD	14
3.	SMITH-BLAIR	14
H.	SPECIAL COUPLINGS	15
1.	HYMAX SERIES 2000	15
2.	MACRO TWO BOLT EXTENDED RANGE COUPLING	15
6.18	BOLTS AND NUTS.....	15
6.19	VALVES:.....	15
6.19.1	GATE VALVES	15
6.19.2	CHECK VALVES	16
6.19.3	COMBINATION AIR AND VACUUM RELEASE VALVE.....	16
6.20	LINES CONSTRUCTED ON PRIVATE PROPERTY	16
6.21	CLEARANCE.....	17
6.21.1	BETWEEN WATER LINES AND SANITARY SEWER LINES	17
6.21.2	BETWEEN SANITARY SEWER FORCE MAINS AND ANY PRIVATE UTILITY LINES	17
6.21.3	BETWEEN SANITARY SEWER FORCE MAINS AND BUILDINGS.....	17
6.22	SEWER FORCE MAIN SYSTEM AS-BUILT PLANS/INFORMATION AND FINAL INSPECTION	17
6.23	PRESSURE TESTING SANITARY SEWER FORCE MAINS.....	18
6.24	PIPE INSTALLATION	18
6.25	PIPE BEDDING	19

DIVISION II

TECHNICAL SPECIFICATIONS

SECTION S-003

SANITARY SEWER FORCE MAIN SYSTEM

TABLE OF CONTENTS:

I.	DESCRIPTION:	1
II.	COORDINATION:	2
III.	CONSTRUCTION LAYOUT:	2
IV.	MATERIALS:	3
V.	EXECUTION:	3
A.	GENERAL	3
B.	TRENCHING	4
C.	BACKFILL	4
D.	CONNECTION TO EXISTING PIPING	4
E.	REMOVAL AND DISPOSAL OF EXISTING "AC" SEWER FORCE MAIN	5
F.	ABANDONMENT OF EXISTING SEWER FORCE MAINS	5
G.	PIPELINE TESTING	5
VI.	DEVIATION FROM JEFFERSON PARISH STANDARDS	5
VII.	MEASUREMENT AND PAYMENT:	6
VIII.	TABULATED GENERAL JEFFERSON PARISH PAY ITEMS	8
a)	100 SERIES, PVC PIPES	8
b)	200 SERIES, DUCTILE IRON PIPES	8
c)	300 SERIES, HDPE PIPES	9
d)	400 SERIES, GATE VALVES (DOUBLE DISC)	9
e)	500 SERIES, PLUG VALVES	10
f)	600 SERIES, TAPPING & VALVE ASSEMBLY	10
g)	700 SERIES, PIPE RESTRAINTS	11
h)	800 SERIES, TRANSITIONAL COUPLINGS	12
i)	900 SERIES, MISCELLANEOUS	12

I. DESCRIPTION:

All "sewer force main" work shall be performed in total conformance with Jefferson Parish standards, requirements, and as per materials manufacturer's requirements and recommendations.

All work associated with the sewer force main system shall be performed under this section (S-003) and to the lines and grades shown on plans.

This work will include furnishing and constructing the sewer force main and appurtenances as indicated on the drawings and in accordance with the provisions of the Jefferson Parish Department of Engineering and the Specifications herein. Where the word "pipe" and/or "sewer force main" are used it shall refer to pipe, fittings, or appurtenances unless otherwise noted.

The Contractor shall furnish all labor, equipment and materials required to perform all work required for removal of existing sewer force main and for installation of new sewer force mains. Removal and installation, replacement or relocation shall be as indicated on the drawings and specified herein. Damage to any sewer force main by the Contractor, subcontractors, material and equipment suppliers or other persons, prior to acceptance, shall be repaired by the Contractor to the satisfaction of the Engineer and Owner at the expense of the Contractor.

The drawings attempt to indicate the alignment of all known sewer force mains within the limits of the work. However, the Contractor shall be responsible to inspect the entire project to verify all existing sewer force mains and to determine the existence of any additional conflicts with his work. The location of proposed sewer force mains may be field adjusted, with prior approval from the Jefferson Parish Department of Engineering, to avoid conflicts with other utilities.

II. COORDINATION:

Removal and replacement or relocation of sewer force main shall be done in close coordination with the Owner. Removal and replacement or relocation work shall be planned in advance so that inconvenience to the Owner and utility users caused by the disruption of service is minimized. The contractor shall be responsible for immediately notifying the Owner and Engineer of existing conditions that differ from that shown on the plans.

III. CONSTRUCTION LAYOUT:

The Contractor will be responsible for establishing all lines and grades and staking out all "Sewer Force Main" work on this project from controls provided in the construction documents. There shall be no separate payment for construction layout related to the "Sewer Force Main System".

IV. MATERIALS:

All materials shall be as specified in Jefferson Parish Standard Notes (Appendix "B") and Drawings and as specified herein. All PVC Sewer Force Mains shall be green. All ductile iron Sewer Force Mains, pipes and fittings, shall have "Protecto 401 Ceramic Epoxy Lining".

V. EXECUTION:

A. GENERAL

1. Pipe, fittings, and accessories shall be handled in a manner that will insure installation in sound, undamaged condition. Equipment, tools, and methods used in handling and installing pipe and fittings shall not damage the pipe and fittings. Hooks inserted in ends of pipe shall have broad, well-padded contact surfaces.
2. All pipe coatings which have been damaged shall be repaired by the Contractor before installing the pipe. Any such repairs shall be done in total conformance with the manufacturer's requirements and recommendations and shall require prior approval from the Jefferson Parish Department of Engineering.
3. The sewer force main system installation shall be done with pipe sections and fittings such that pipe cutting is not required. Should pipe cutting be required, cutting shall be done in a neat manner, without damage to the pipe or to the lining. Cuts shall be smooth, straight, and at right angles to the pipe axis. After cutting, the end of the pipe shall be dressed with a file to remove all roughness and sharp corners.
4. All cutting of ductile iron pipe shall be done with mechanical pipe cutters except where the use of mechanical cutters would be difficult or impracticable. Ends of ductile iron pipe shall be cut with a saw, abrasive wheel, or oxyacetylene torch. Field cut holes for saddles shall be cut with mechanical cutters; oxyacetylene cutting will not be permitted. The cut end of any ductile iron pipe shall be treated in accordance with the Protecto 401 requirements and procedures.
5. Precautions shall be taken to prevent foreign material from entering the pipe during installation. Debris, tools, clothing, or other materials shall not be placed in or allowed to enter the pipe.
6. A representative of the Jefferson Parish Engineering Department shall be present or be given the chance to inspect all sewer force main items, installed, prior to backfill.

B. TRENCHING

1. Excavation work shall be performed in a safe and proper manner with appropriate precautions being taken against all hazards. As always, Trench Safety shall remain the contractor's responsibility at all times.
2. Excavate and maintain trenches to the indicated or required depth and width. Provide minimum of 12" clearance on both sides of pipe or conduit.
3. Protect excavations, if necessary, by shoring, bracing, sheet piling, underpinning, or other methods required to prevent cave-in or loose soil from falling into excavation.
4. Notify the Engineer and the Jefferson Parish Department of Engineering of any undesirable, unexpected subsurface conditions and discontinue work in affected area until notification to resume work.
5. Grade excavation top perimeter to prevent surface water run-off into excavation.
6. Hand trim excavation and leave free of loose matter.
7. Correct unauthorized excavation at no cost to Owner.

C. BACKFILL

1. Backfill material shall be Mississippi River "pumped sand", AASHTO A-4 or better having a maximum liquid limit of 25 and a maximum plasticity index of 6. All sands shall be free of trash, weeds, lumps, humus, pieces of wood or any other deleterious material. Backfill material shall have a group index number not to exceed 6.
2. Support pipe and conduit during placement and compaction of pipe backfill.
3. Document and photograph every fitting, restraint device, valves, etc. prior to backfill.
4. A representative of the Jefferson Parish Engineering Department shall inspect all installed sewer force main items prior to backfill.

D. CONNECTION TO EXISTING PIPING

1. A representative from the Jefferson Parish Engineering Department must be present during all work being done at the tie-in points.
2. All tie-ins to the existing sewer force main shall be done by the Contractor.
3. All tie-in locations shall be excavated and existing piping shall be investigated (material type, size, outside diameter, condition, photograph, etc.) prior to ordering material and equipment, and especially prior to the cutting of the existing pipe.
4. Connections between new work and existing piping shall be made using fittings suitable for the conditions encountered and as indicated on the drawings.
5. Each connection to an existing pipe shall be made at a time and under conditions which will least interfere with service to customers, and as authorized by the Owner.
6. Facilities shall be provided for proper dewatering and for disposal of all water/sewage removed from the dewatered lines and excavations without damage to adjacent properties.

E. REMOVAL AND DISPOSAL OF EXISTING "AC" SEWER FORCE MAIN

Removal and disposal of Existing "AC" sewer force mains shall be in accordance with all applicable local and federal regulations and requirements.

F. ABANDONMENT OF EXISTING SEWER FORCE MAINS

All abandoned pipes shall be filled with Flowable Fill. Flowable fill shall be per DOTD Standard Specifications for Roads and Bridges section 710.

G. PIPELINE TESTING

Except as modified or otherwise provided herein, the pressure and leakage testing of all sewer force mains shall conform to the requirements of Jefferson Parish and AWWA C600.

VI. DEVIATION FROM JEFFERSON PARISH STANDARDS

None

VII. MEASUREMENT AND PAYMENT:

1. **Payment** for this work will be made after receipt of approval from the Jefferson Parish Department of Engineering.

The price and payment shall constitute full compensation for furnishing all labor, materials, and equipment to construct the sewer force main including trenching, bedding, pipe laying, backfill, tie-ins to existing sewer force mains, pressure testing mains and all incidental work necessary for a complete and functional sewer force main system.

2. **Sewer Force Mains** shall be measured along the centerline of pipeline in place, through fittings, and shall be paid for per linear feet. This method of Measurement and Payment shall apply to all sewer force mains despite of the material type; PVC, Ductile Iron, HDPE, etc. and/or installation method; Open Trench, Jack and Bore (J&B), Directional Drill (DD), etc. An alternative for measurement and payment for Directional Drill would be to be measured horizontally. *{[Non Open Trench Item Numbers shall be accompanied with an extension to identify the method of installation (e.g. the item number for an 8" HDPE pipe being installed by Directional Drilling shall be: "SF-308-DD")], [Thickness class 52 Ductile Iron pipe items shall be accompanied with extension "C52"]}*.
3. **Existing AC Sewer Force Mains** which shall be removed and disposed of shall be measured horizontally through fittings and valves along the centerline of pipeline and shall be paid for per linear feet of pipe, for specific size, removed and disposed. In case the contractor encounters AC pipes larger than the size that is in his contract, he shall be compensated 10%, per size, in addition to his bid price for smaller size pipe.
4. **Existing Sewer Force Mains** which shall be abandoned shall be measured horizontally through fittings and valves along the centerline of pipeline and shall be paid for per linear feet of pipe abandoned, regardless of size. There shall be no additional compensation or credit for different size sewer force mains than shown on plans under this item unless otherwise specified.
5. There shall be no direct payment for non-AC pipe removal and disposal unless otherwise specified.
6. **Gate, Plug and Butterfly Valves and Valves Boxes** where shown or required in accordance with Jefferson Parish Standards, shall be measured and paid for per each for specific size.

7. **Ductile Iron Fittings (Fittings)**, to include bends, crosses, tees, reducers and any other required part to make sound and functional connections shall be measured and paid for per pound.
8. **Pipe Restraints** shall be measured and paid for per each joint restrained for specific size. Pipe restraints shall mean any external device or devices that are used to restrain a joint by locking the joint into place so the joint cannot open, move, or turn. A flanged joint shall be considered a restrained joint and shall be measured and paid for as one.
9. **Transitional Couplings** shall be measured and paid for per each for a specific size in place. Measurement and Payment for Transitional Couplings shall be made at the Contract unit price per each and shall include full compensation for providing all labor, materials, equipment, excavation, bedding and backfill, board foundation, etc. and Connection (Tie-in) to Existing Sewer Force Main per all applicable Jefferson Parish and Manufactures Standards.
10. There shall be no direct payment for tie-ins, unless otherwise specified.
11. **Check Valves** where shown or required in accordance with Jefferson Parish Standards (see Appendix "B"), shall be measured and paid for per each for specific size.

VIII. TABULATED GENERAL JEFFERSON PARISH PAY ITEMS

<u>Item No.</u>	<u>Item Description (Pay Item)</u>	<u>Unit of Measure (Pay Unit)</u>
a) 100 SERIES, PVC PIPES		
SF-104	Sewer Force Main (4") (PVC/C-900 Pipe)	Linear Foot
SF-106	Sewer Force Main (6") (PVC/C-900 Pipe)	Linear Foot
SF-108	Sewer Force Main (8") (PVC/C-900 Pipe)	Linear Foot
SF-110	Sewer Force Main (10") (PVC/C-900 Pipe)	Linear Foot
SF-112	Sewer Force Main (12") (PVC/C-900 Pipe)	Linear Foot
SF-114	Sewer Force Main (14") (PVC/C-905 Pipe)	Linear Foot
SF-116	Sewer Force Main (16") (PVC/C-905 Pipe)	Linear Foot
SF-118	Sewer Force Main (18") (PVC/C-905 Pipe)	Linear Foot
SF-120	Sewer Force Main (20") (PVC/C-905 Pipe)	Linear Foot
SF-124	Sewer Force Main (24") (PVC/C-905 Pipe)	Linear Foot
SF-130	Sewer Force Main (30") (PVC/C-905 Pipe)	Linear Foot

b) 200 SERIES, DUCTILE IRON PIPES		
SF-204	Sewer Force Main (4") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-206	Sewer Force Main (6") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-208	Sewer Force Main (8") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-210	Sewer Force Main (10") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-212	Sewer Force Main (12") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-214	Sewer Force Main (14") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-216	Sewer Force Main (16") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-218	Sewer Force Main (18") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-220	Sewer Force Main (20") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-224	Sewer Force Main (24") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-230	Sewer Force Main (30") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-236	Sewer Force Main (36") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-242	Sewer Force Main (42") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-248	Sewer Force Main (48") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-254	Sewer Force Main (54") (Ductile Iron Pipe-Protecto 401)	Linear Foot

SF-260	Sewer Force Main (60") (Ductile Iron Pipe-Protecto 401)	Linear Foot
SF-264	Sewer Force Main (64") (Ductile Iron Pipe-Protecto 401)	Linear Foot

c) 300 SERIES, HDPE PIPES

SF-304	Sewer Force Main (4") (HDPE Pipe) [DR ___]	Linear Foot
SF-306	Sewer Force Main (6") (HDPE Pipe) [DR ___]	Linear Foot
SF-308	Sewer Force Main (8") (HDPE Pipe) [DR ___]	Linear Foot
SF-310	Sewer Force Main (10") (HDPE Pipe) [DR ___]	Linear Foot
SF-312	Sewer Force Main (12") (HDPE Pipe) [DR ___]	Linear Foot
SF-314	Sewer Force Main (14") (HDPE Pipe) [DR ___]	Linear Foot
SF-316	Sewer Force Main (16") (HDPE Pipe) [DR ___]	Linear Foot
SF-318	Sewer Force Main (18") (HDPE Pipe) [DR ___]	Linear Foot
SF-320	Sewer Force Main (20") (HDPE Pipe) [DR ___]	Linear Foot
SF-324	Sewer Force Main (24") (HDPE Pipe) [DR ___]	Linear Foot
SF-330	Sewer Force Main (30") (HDPE Pipe) [DR ___]	Linear Foot
SF-336	Sewer Force Main (36") (HDPE Pipe) [DR ___]	Linear Foot
SF-304-DD	Sewer Force Main (4") (HDPE Pipe) [DR ___]	Linear Foot
SF-306-DD	Sewer Force Main (6") (HDPE Pipe) [DR ___]	Linear Foot
SF-308-DD	Sewer Force Main (8") (HDPE Pipe) [DR ___]	Linear Foot
SF-310-DD	Sewer Force Main (10") (HDPE Pipe) [DR ___]	Linear Foot
SF-312-DD	Sewer Force Main (12") (HDPE Pipe) [DR ___]	Linear Foot
SF-314-DD	Sewer Force Main (14") (HDPE Pipe) [DR ___]	Linear Foot
SF-316-DD	Sewer Force Main (16") (HDPE Pipe) [DR ___]	Linear Foot
SF-318-DD	Sewer Force Main (18") (HDPE Pipe) [DR ___]	Linear Foot
SF-320-DD	Sewer Force Main (20") (HDPE Pipe) [DR ___]	Linear Foot
SF-324-DD	Sewer Force Main (24") (HDPE Pipe) [DR ___]	Linear Foot
SF-330-DD	Sewer Force Main (30") (HDPE Pipe) [DR ___]	Linear Foot
SF-336-DD	Sewer Force Main (36") (HDPE Pipe) [DR ___]	Linear Foot

d) 400 SERIES, GATE VALVES (DOUBLE DISC)

SF-404	Gate Valve and Valve Box (4")	Each
SF-406	Gate Valve and Valve Box (6")	Each
SF-408	Gate Valve and Valve Box (8")	Each
SF-410	Gate Valve and Valve Box (10")	Each
SF-412	Gate Valve and Valve Box (12")	Each
SF-414	Gate Valve and Valve Box (14")	Each
SF-416	Gate Valve and Valve Box (16")	Each
SF-418	Gate Valve and Valve Box (18")	Each

SF-420	Gate Valve and Valve Box (20")	Each
SF-424	Gate Valve and Valve Box (24")	Each
SF-430	Gate Valve and Valve Box (30")	Each
SF-436	Gate Valve and Valve Box (36")	Each
SF-442	Gate Valve and Valve Box (42")	Each
SF-448	Gate Valve and Valve Box (48")	Each

e) 500 SERIES, PLUG VALVES

SF-504	Plug Valve and Valve Box (4")	Each
SF-506	Plug Valve and Valve Box (6")	Each
SF-508	Plug Valve and Valve Box (8")	Each
SF-510	Plug Valve and Valve Box (10")	Each
SF-512	Plug Valve and Valve Box (12")	Each
SF-514	Plug Valve and Valve Box (14")	Each
SF-516	Plug Valve and Valve Box (16")	Each
SF-518	Plug Valve and Valve Box (18")	Each
SF-520	Plug Valve and Valve Box (20")	Each
SF-524	Plug Valve and Valve Box (24")	Each
SF-530	Plug Valve and Valve Box (30")	Each
SF-536	Plug Valve and Valve Box (36")	Each
SF-542	Plug Valve and Valve Box (42")	Each
SF-548	Plug Valve and Valve Box (48")	Each

f) 600 SERIES, TAPPING & VALVE ASSEMBLY

SF-604X4	Tapping Sleeve & Valve Assembly (4"X4")	Each
SF-606X4	Tapping Sleeve & Valve Assembly (6"X4")	Each
SF-606X6	Tapping Sleeve & Valve Assembly (6"X6")	Each
SF-608X4	Tapping Sleeve & Valve Assembly (8"X4")	Each
SF-608X6	Tapping Sleeve & Valve Assembly (8"X6")	Each
SF-608X8	Tapping Sleeve & Valve Assembly (8"X8")	Each
SF-610X4	Tapping Sleeve & Valve Assembly (10"X4")	Each
SF-610X6	Tapping Sleeve & Valve Assembly (10"X6")	Each
SF-610X8	Tapping Sleeve & Valve Assembly (10"X8")	Each
SF-610X10	Tapping Sleeve & Valve Assembly (10"X10")	Each
SF-612X4	Tapping Sleeve & Valve Assembly (12"X4")	Each
SF-612X6	Tapping Sleeve & Valve Assembly (12"X6")	Each
SF-612X8	Tapping Sleeve & Valve Assembly (12"X8")	Each
SF-612X10	Tapping Sleeve & Valve Assembly (12"X10")	Each
SF-612X12	Tapping Sleeve & Valve Assembly (12"X12")	Each
SF-614X4	Tapping Sleeve & Valve Assembly (14"X4")	Each

SF-614X6	Tapping Sleeve & Valve Assembly (14"X6")	Each
SF-614X8	Tapping Sleeve & Valve Assembly (14"X8")	Each
SF-614X10	Tapping Sleeve & Valve Assembly (14"X10")	Each
SF-614X12	Tapping Sleeve & Valve Assembly (14"X12")	Each
SF-616X4	Tapping Sleeve & Valve Assembly (16"X4")	Each
SF-616X6	Tapping Sleeve & Valve Assembly (16"X6")	Each
SF-616X8	Tapping Sleeve & Valve Assembly (16"X8")	Each
SF-616X10	Tapping Sleeve & Valve Assembly (16"X10")	Each
SF-616X12	Tapping Sleeve & Valve Assembly (16"X12")	Each
SF-616X16	Tapping Sleeve & Valve Assembly (16"X16")	Each
SF-618X4	Tapping Sleeve & Valve Assembly (18"X4")	Each
SF-618X6	Tapping Sleeve & Valve Assembly (18"X6")	Each
SF-618X8	Tapping Sleeve & Valve Assembly (18"X8")	Each
SF-618X10	Tapping Sleeve & Valve Assembly (18"X10")	Each
SF-618X12	Tapping Sleeve & Valve Assembly (18"X12")	Each
SF-618X16	Tapping Sleeve & Valve Assembly (18"X16")	Each
SF-620X4	Tapping Sleeve & Valve Assembly (20"X4")	Each
SF-620X6	Tapping Sleeve & Valve Assembly (20"X6")	Each
SF-620X8	Tapping Sleeve & Valve Assembly (20"X8")	Each
SF-620X10	Tapping Sleeve & Valve Assembly (20"X10")	Each
SF-620X12	Tapping Sleeve & Valve Assembly (20"X12")	Each
SF-620X16	Tapping Sleeve & Valve Assembly (20"X16")	Each
SF-624X4	Tapping Sleeve & Valve Assembly (24"X4")	Each
SF-624X6	Tapping Sleeve & Valve Assembly (24"X6")	Each
SF-624X8	Tapping Sleeve & Valve Assembly (24"X8")	Each
SF-624X10	Tapping Sleeve & Valve Assembly (24"X10")	Each
SF-624X12	Tapping Sleeve & Valve Assembly (24"X12")	Each
SF-624X16	Tapping Sleeve & Valve Assembly (24"X16")	Each
SF-630X4	Tapping Sleeve & Valve Assembly (30"X4")	Each
SF-630X6	Tapping Sleeve & Valve Assembly (30"X6")	Each
SF-630X8	Tapping Sleeve & Valve Assembly (30"X8")	Each
SF-630X10	Tapping Sleeve & Valve Assembly (30"X10")	Each
SF-630X12	Tapping Sleeve & Valve Assembly (30"X12")	Each
SF-630X16	Tapping Sleeve & Valve Assembly (30"X16")	Each

g) 700 SERIES, PIPE RESTRAINTS

SF-704	Pipe Restraints (4")	Each
SF-706	Pipe Restraints (6")	Each
SF-708	Pipe Restraints (8")	Each

SF-710	Pipe Restraints (10")	Each
SF-712	Pipe Restraints (12")	Each
SF-714	Pipe Restraints (14")	Each
SF-716	Pipe Restraints (16")	Each
SF-718	Pipe Restraints (18")	Each
SF-720	Pipe Restraints (20")	Each
SF-724	Pipe Restraints (24")	Each
SF-730	Pipe Restraints (30")	Each
SF-736	Pipe Restraints (36")	Each
SF-742	Pipe Restraints (42")	Each

h) 800 SERIES, TRANSITIONAL COUPLINGS

SF-804	Transitional Couplings (4")	Each
SF-806	Transitional Couplings (6")	Each
SF-808	Transitional Couplings (8")	Each
SF-810	Transitional Couplings (10")	Each
SF-812	Transitional Couplings (12")	Each
SF-814	Transitional Couplings (14")	Each
SF-816	Transitional Couplings (16")	Each
SF-818	Transitional Couplings (18")	Each
SF-816-PB	Price Bros. Adaptor Kit (16")	Each
SF-818-PB	Price Bros. Adaptor Kit (18")	Each
SF-820-PB	Price Bros. Adaptor Kit (20")	Each
SF-830-PB	Price Bros. Adaptor Kit (30")	Each
SF-836-PB	Price Bros. Adaptor Kit (36")	Each
SF-842-PB	Price Bros. Adaptor Kit (42")	Each
SF-848-PB	Price Bros. Adaptor Kit (48")	Each

i) 900 SERIES, MISCELLANEOUS

SF-901	Ductile Iron Fittings (Protecto 401)	Pounds
SF-902-1	Combination Air and Vacuum Release Valve (1")	Each
SF-902-2	Combination Air and Vacuum Release Valve (2")	Each
SF-903	Air and Vacuum Release Valve Manhole	Each
SF-904-2	Check Valve (2")	Each
SF-904-4	Check Valve (4")	Each
SF-904-6	Check Valve (6")	Each

SF-904-8	Check Valve (8")	Each
SF-904-10	Check Valve (10")	Each
SF-904-12	Check Valve (12")	Each
SF-904-14	Check Valve (14")	Each
SF-904-16	Check Valve (16")	Each
SF-904-18	Check Valve (18")	Each
SF-904-20	Check Valve (20")	Each
SF-904-24	Check Valve (24")	Each
SF-904-30	Check Valve (30")	Each
SF-904-36	Check Valve (36")	Each
SF-904-42	Check Valve (42")	Each
SF-904-48	Check Valve (48")	Each
SF-907-4	Removal & Disposal of Existing AC Sewer Force Main (4")	Linear Foot
SF-907-6	Removal & Disposal of Existing AC Sewer Force Main (6")	Linear Foot
SF-907-8	Removal & Disposal of Existing AC Sewer Force Main (8")	Linear Foot
SF-907-10	Removal & Disposal of Existing AC Sewer Force Main (10")	Linear Foot
SF-907-12	Removal & Disposal of Existing AC Sewer Force Main (12")	Linear Foot
SF-907-14	Removal & Disposal of Existing AC Sewer Force Main (14")	Linear Foot
SF-907-16	Removal & Disposal of Existing AC Sewer Force Main (16")	Linear Foot
SF-907-18	Removal & Disposal of Existing AC Sewer Force Main (18")	Linear Foot
SF-907-20	Removal & Disposal of Existing AC Sewer Force Main (20")	Linear Foot
SF-908	Abandonment of Existing Sewer Force Main	Linear Foot



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000112110 - MAPLEWOOD DRIVE/PAILET STREET DRAINAGE
IMPROVEMENTS**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
24-Feb-2015 07:57:29 AM

JFK

ADDENDUM NO. 3

TO: ALL PLAN HOLDERS OF RECORD

PROJECT: Jefferson Parish Department of Public Works
**MAPLEWOOD DRIVE/PAILET STREET
DRAINAGE IMPROVEMENTS**

ENGINEER: BURK-KLEINPETER, INC.
ENGINEERS•ARCHITECTS•PLANNERS•ENVIRONMENTAL SCIENTISTS
4176 Canal St.
New Orleans, LA 70119

PUBLIC WORKS PROJECT NO.: 2009-063-DR
PROPOSAL NO.: 50-00112110
ENGINEER'S PROJECT NO.: NO.10.062
BID OPENING: Thursday March 5, 2015

DATE: February 26, 2015

This Addendum, including all written and graphic attached data, forms a part of the Contract Documents and modifies, interprets, and amends the original drawings and specifications as issued for bid, as dated November 5, 2014, and as modified (if at all) prior to issuance of this Addendum.

Bidders are to acknowledge receipt of Addendum on the Bid Form.

Bidder is responsible to disseminate this addendum to all subcontractors and material suppliers concerned.

The following revisions are hereby made a part of the Contract Documents and supersede and supplement all portions of the bidding documents with which it conflicts as if written therein.

I. GENERAL COMMENTS / CLARIFICATIONS:

1. Per specifications page SP-13 section SP.49, weekly videos will include the work zone defined as the current construction area and haul routes.
2. Per specifications page SI-0010-1, the Contractor is to have a stamped traffic control plan from a licensed Professional Engineer.
3. All junction-conflict boxes and catch basins are to be built to the specified dimensions which is in accordance with the requirements of Section 702 and 1016 of the Louisiana Standard Specifications for roads and Bridges, 2006 Edition, as amended.

4. Per plan sheet C2.2, saw cutting is not required for full width street replacement, but is required at driveways and intersecting street locations.
5. Per plan sheet C2.6, dimensioned asterisk note does not apply to these sections (full width replacement).
6. The unit price for S-906, Pre-construction and Post-construction Pipe Cleaning Video Inspection, will be paid per linear foot for each time the pipe is cleaned and videoed and therefore the quantity of Item S-906 shall be revised from 6,971 to 13,942 Lin. Ft.

II. PERTAINING TO THE PLANS:

1. Summary of Estimated Quantities, Sheet No. C1.2:
 - a) Revise Quantity of Item No. S-906, Pre-construction and Post-construction Pipe Cleaning and Video Inspection from 6,971 Lin Ft to 13,942 Lin Ft.
2. Typical Sections, Sheet No. C2.7:
 - a) Remove asterisk from 4'-4¹/₄" +/- dimension and add asterisk to 3'-8" +/- dimension adjacent to pipe trench section.
3. Typical Sections, Sheet No. C2.13:
 - a) Add 4'-0" dimension with asterisk to asphalt pavement section adjacent to pipe trench section and apply typical asterisk note.

III. PERTAINING TO THE SPECIFICATIONS:

1. FRONT END DOCUMENTS:

A. Pages IN-1 through IN-2, IMPORTANT NOTICE TO ALL BIDDERS:

Delete sheets IN-1 through IN-2 in their entirety and replace with sheets ADD3-IN-1 through ADD3-IN-2 which are attached as part of this Addendum No. 3.

B. Pages LUPWBF-1 through LUPWBF-14, LOUISIANA UNIFORM PUBLIC WORK BID FORM:

Delete sheets LUPWBF-1 through LUPWBF-14 in their entirety and replace with sheets ADD3-LUPWBF-1 through ADD3-LUPWBF-14

which are attached as part of this Addendum No. 3.

2. TECHNICAL SPECIFICATIONS:

A. Page SI-0010-2, SECTION SI-010, TRAFFIC CONTROL AND MANAGEMENT:

Last paragraph under Part 1.0, Description, delete the following sentence: "The Contractor shall retain services of a Professional Engineer licensed in the state of Louisiana to routinely inspect the traffic control devices plan installed by the Contractor, throughout the duration of the project" and replace with "The Contractor shall retain services of a Professional Engineer licensed in the state of Louisiana to inspect the traffic control devices plan installed by the Contractor only when changes are made to the plan, throughout the duration of the project."

B. Add the following Technical Specification (1 sheet), which is attached and made part of this Addendum No. 3

"Section 710, Flowable Fill"

END OF ADDENDUM NO. 3

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 for further information and for link to Central Auction House or visit them directly at 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.

Contractor's Louisiana License shall be in the following category (to be determined and filled in by the department): Highway, Streets and Bridge Construction.

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 (to be determined and filled in by the department): 480 DAYS.

Further, as per Resolutions 113646 and 113647, the Bidder agrees to pay, as liquidated damages, the sum of (to be determined and filled in by the department): \$500.00 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 (to be determined and filled in by the department):

- (1) Extended architectural and/or engineering fees \$ 265.00/ Day;
- (2) Extended Resident Project Representative fees \$ 420.00/ Day;
- (3) Extended construction management fees \$ N/A;
- (4) Extended Owner's overhead and personnel expenses \$ 265.00/ Day; 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 \$ 65.00 and the reasonable budget for such inspections is \$ 180,000 (the overtime rates shall be \$ 97.50 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.

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053
(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110
(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: Burk-Kleinpeter, Inc.
and dated: November 2014
(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(A)(1)(c) or RS 38:2212(O) .

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

LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR

Bid Proposal Number 50-00112110

(Owner to provide name of project and other identifying information)

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

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Structures and Obstructions			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Drives			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-02000	110	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-02020	4,073	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Catch Basin			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-06060	87	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Walks and Drives (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-06100	2,628	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-26000	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Pipe (Storm Drain)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-32140	1,628	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Portland Cement Concrete Pavement (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-32500	11,090	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ General Excavation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
203-01-00100	6,522	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Embankment			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-03-00100	100	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geotextile Fabric (Under Roadway Sub-base Mat'l)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-08-00100	18,613	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Class II Base Course			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
302-01-00100	3,002	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Maintenance Aggregate (Vehicular Measurement)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
402-01-00100	1,467	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-A	2,818	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete, Drives, Turnouts and Miscellaneous			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-B	171	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Cold Planing Asphaltic Pavement (2" Thk.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
509-01-00100	2,068	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Portland Cement Concrete Pavement (7" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
601-01-00100	7,807	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (15" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01000	1,012	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (18" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01020	212	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (24" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01040	422	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (30" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01060	232	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (36" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01080	760	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (48" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01100	662	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (54" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01120	242	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (15" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01000	49	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (18" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01020	26	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (36" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01080	944	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (42" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01100	210	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(48" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01120	266	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(54" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01140	275	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(60" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01160	312	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(72" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01180	1,767	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(84" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01200	512	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Junction Boxes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-00100	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Conflict Boxes (as per Parish Standard Details)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-A	7	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manholes (MH-06)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-02-00100	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-01) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-A	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-02) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-B	37	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04a) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-C	18	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-05) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-D	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Jefferson Parish Drop Inlet			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-E	60	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04b) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-F	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Adjusting Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-04-00100	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Walks (4" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-01-00100	198	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Drive (6" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-02-00300	1,896	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Handicap Curb Ramps			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-04-00100	68	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Curb (Mountable)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
707-01-00300	5,810	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Temporary Signs and Barricades			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
713-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Slab Sodding (St. Augustine)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
714-01-00600	2,400	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Topsoil			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
715-01-00100	400	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Project Site Laboratory			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
722-02-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Granular Material (Net Section)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
723-01-00100	5,292	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Bedding Material (Net Section)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
726-01-00100	14,845	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Mobilization (5%)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
727-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Light Poles (relocate existing foundation, pole and service feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-15-01000	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Service Pole (replace service pole and overhead feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-18-01000	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Reflectorized Raised Pavement Markers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
731-02-00100	34	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01000	2,657	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(24" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01080	120	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Construction Layout			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
740-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (6") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-106	199	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208	111	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208-P	150	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (10") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-210-P	50	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (12") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-212	70	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (24") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-224	20	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Normal Depth Manhole (Brick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-411	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 6" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-06	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 8" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-08	41	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 10" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-10	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 12" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-12	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 24" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-24	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-608	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-612	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (24")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-624	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Abandoned Existing Gravity Sewer Lines			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-901	548	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Main to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-903	8	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Service Connection to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-904	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pre-construction and Post-construction Pipe Cleaning and Video Inspection			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-906	13,942	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-104	350	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-106	124	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-108	1272	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-112	1073	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-202	50	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-204	38	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-206	65	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-208	1,007	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-212	70	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-216	145	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-404	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-406	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-408	30	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-412	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-704	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-706	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-708	521	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (10")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-710	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-712	27	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-716	26	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (2") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-802	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (4") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-804	9	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (6") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-806	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (8") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-808	70	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (12") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-812	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fittings for Waterlines (DI) (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-901	12,437	Pound		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant Assembly			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902-A	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Service Connection (< 1")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-903-0	88	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-4	38	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-6	483	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-8	2,663	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-12	1,027	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-16	145	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Site Preparation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-001	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geogrid			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-002	12,462	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Cement Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-003	280	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-004	2,321	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie Proposed Drainage Into Existing Retaining Wall Channel			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-005	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Trees, Shrubs and Groundcovers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-006	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x6'x4' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-A	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x8'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-B	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-C	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x8' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-D	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Control and Management			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-010	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 36" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-011	21	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 48" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-012	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 54" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-013	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 72" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-014	31	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Service Connection "Pipe"			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-502	1440	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Shallow)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-S	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Medium)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-M	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-D	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (16") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-816	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-108	461	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (20") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-220	18	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-606	96	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ House Connection Survey			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-908	36	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (PVC/C-905 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-116	921	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Butterfly and Valve Box			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-516	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (HDPE Pipe) [DR 9]			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-302	178	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-108	73	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-110	104	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-208	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-210	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Air and Vacuum Release Valves			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-903	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Flowable Fill			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
710-01-00100	60	Cubic Yards		

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

SECTION 710

FLOWABLE FILL

1.0 DESCRIPTION

All work shall be in accordance with the requirements of Section 710 of the Louisiana Standard Specifications for Roads and Bridges, 2006 Edition (as amended) unless noted otherwise on the drawings or in the specifications.

This work consists of furnishing, placing, and consolidating a controlled low strength flowable fill as an alternative to compacted soil. Applications for this material include, but are not limited to, general backfilling of drainage structures, entrenchments across pavements, encasements, beddings, void filling and other uses as shown on the plans or as approved by the engineer.

2.0 MATERIALS

Materials shall be in accordance with the requirements of Section 710 of the Louisiana Standard Specifications for Roads and Bridges, 2006 Edition, as amended.

3.0 MEASUREMENT AND PAYMENT

Payment for this work will be as noted.

ITEM 710-01-00100 "FLOWABLE FILL" paid per CUBIC YARD by batch tickets.

END OF SECTION 710

JFK

ADDENDUM NO. 4

TO: ALL PLAN HOLDERS OF RECORD

PROJECT: Jefferson Parish Department of Public Works
**MAPLEWOOD DRIVE/PAILET STREET
DRAINAGE IMPROVEMENTS**

ENGINEER: BURK-KLEINPETER, INC.
ENGINEERS•ARCHITECTS•PLANNERS•ENVIRONMENTAL SCIENTISTS
4176 Canal St.
New Orleans, LA 70119

PUBLIC WORKS PROJECT NO.: 2009-063-DR
PROPOSAL NO.: 50-00112110
ENGINEER'S PROJECT NO.: NO.10.062
BID OPENING: Thursday March 5, 2015

DATE: March 2, 2015

This Addendum, including all written and graphic attached data, forms a part of the Contract Documents and modifies, interprets, and amends the original drawings and specifications as issued for bid, as dated November 5, 2014, and as modified (if at all) prior to issuance of this Addendum.

Bidders are to acknowledge receipt of Addendum on the Bid Form.

Bidder is responsible to disseminate this addendum to all subcontractors and material suppliers concerned.

The following revisions are hereby made a part of the Contract Documents and supersede and supplement all portions of the bidding documents with which it conflicts as if written therein.

I. GENERAL COMMENTS / CLARIFICATIONS:

No comments

I. PERTAINING TO THE PLANS:

1. Summary of Estimated Quantities, Sheet No. C1.2:
 - a) Revise Quantity of Item No. 202-02-02020, Removal of Asphaltic Pavement from 4,073 Sq. Yd. to 8,107 Sq. Yd.

- b) Revise Quantity of Item No. 202-02-32500, Removal of Portland Cement Concrete Pavement (Variable Thickness) from 11,090 Sq. Yd. to 7,795 Sq. Yd.
- c) Revise Quantity of Item No. 501-01-A, Asphaltic Concrete Pavement from 2,818 Ton to 2210 Ton.
- d) Revise Quantity of Item No. 509-01-00100, Cold Planing Asphaltic Pavement (2" Thk.) from 2,068 Sq. Yd. to 3,505 Sq. Yd.

II. PERTAINING TO THE SPECIFICATIONS:

I. FRONT END DOCUMENTS:

- A. Pages LUPWBF-1 through LUPWBF-14, LOUISIANA UNIFORM PUBLIC WORK BID FORM:

Delete sheets LUPWBF-1 through LUPWBF-14 in their entirety and replace with sheets ADD4-LUPWBF-1 through ADD4-LUPWBF-14 which are attached as part of this Addendum No. 4.

- B. Special Provisions:

In SP.49, Page SP-14 add the following sentence to the end of the first paragraph " If the pre-construction videos and photographs are not submitted prior to commencement of construction; the weekly videos are not delivered by the two week limit, or the monthly construction photographs are not submitted with the request for payment, the payment to the Contractor will not be made until the deliveries are current."

END OF ADDENDUM NO. 4

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110

(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: Burk-Kleinpeter, Inc.

and dated: November 2014
(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(A)(1)(c) or RS 38:2212(O).

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

**LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM**

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR

Bid Proposal Number 50-00112110

(Owner to provide name of project and other identifying information)

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

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Structures and Obstructions			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Drives			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-02000	110	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-02020	8,107	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Catch Basin			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-06060	87	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Walks and Drives (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-06100	2,628	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-26000	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Pipe (Storm Drain)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-32140	1,628	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Portland Cement Concrete Pavement (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
202-02-32500	7,795	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ General Excavation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
203-01-00100	6,522	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Embankment			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-03-00100	100	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geotextile Fabric (Under Roadway Sub-base Mat'l)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-08-00100	18,613	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Class II Base Course			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
302-01-00100	3,002	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Maintenance Aggregate (Vehicular Measurement)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
402-01-00100	1,467	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-A	2,210	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete, Drives, Turnouts and Miscellaneous			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-B	171	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Cold Planing Asphaltic Pavement (2" Thk.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
509-01-00100	3,505	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Portland Cement Concrete Pavement (7" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
601-01-00100	7,807	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (15" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01000	1,012	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (18" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01020	212	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (24" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01040	422	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (30" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01060	232	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (36" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01080	760	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (48" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01100	662	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (54" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01120	242	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (15" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01000	49	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (18" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01020	26	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (36" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01080	944	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (42" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01100	210	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(48" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01120	266	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(54" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01140	275	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(60" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01160	312	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(72" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01180	1.767	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(84" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01200	512	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Junction Boxes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-00100	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Conflict Boxes (as per Parish Standard Details)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-A	7	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manholes (MH-06)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-02-00100	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-01) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-A	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-02) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-B	37	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04a) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-C	18	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-05) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-D	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Jefferson Parish Drop Inlet			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-E	60	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04b) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-F	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Adjusting Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-04-00100	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Walks (4" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-01-00100	198	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Drive (6" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-02-00300	1,896	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Handicap Curb Ramps			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-04-00100	68	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Curb (Mountable)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
707-01-00300	5,810	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Temporary Signs and Barricades			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
713-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Slab Sodding (St. Augustine)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
714-01-00600	2,400	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Topsoil			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
715-01-00100	400	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Project Site Laboratory			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
722-02-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Granular Material (Net Section)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
723-01-00100	5,292	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Bedding Material (Net Section)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
726-01-00100	14,845	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Mobilization (5%)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
727-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Light Poles (relocate existing foundation, pole and service feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-15-01000	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Service Pole (replace service pole and overhead feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-18-01000	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Reflectorized Raised Pavement Markers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
731-02-00100	34	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01000	2,657	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(24" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01080	120	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Construction Layout			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
740-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (6") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-106	199	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208	111	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208-P	150	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (10") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-210-P	50	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (12") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-212	70	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (24") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-224	20	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Normal Depth Manhole (Brick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-411	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 6" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-06	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 8" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-08	41	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 10" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-10	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 12" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-12	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 24" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-24	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-608	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-612	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (24")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-624	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Abandoned Existing Gravity Sewer Lines			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-901	548	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Main to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-903	8	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Service Connection to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-904	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pre-construction and Post-construction Pipe Cleaning and Video Inspection			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-906	13,942	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-104	350	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-106	124	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-108	1272	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-112	1073	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-202	50	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-204	38	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-206	65	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-208	1,007	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-212	70	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-216	145	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-404	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-406	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-408	30	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-412	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-704	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-706	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-708	521	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (10")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-710	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-712	27	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-716	26	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (2") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-802	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (4") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-804	9	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (6") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-806	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (8") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-808	70	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (12") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-812	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fittings for Waterlines (DI) (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-901	12,437	Pound		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant Assembly			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902-A	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Service Connection (< 1")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-903-0	88	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-4	38	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-6	483	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-8	2,663	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-12	1,027	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-16	145	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Site Preparation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-001	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geogrid			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-002	12,462	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Cement Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-003	280	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-004	2,321	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie Proposed Drainage Into Existing Retaining Wall Channel			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-005	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Trees, Shrubs and Groundcovers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-006	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x6'x4' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-A	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x8'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-B	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-C	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x8' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-D	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Control and Management			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-010	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 36" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-011	21	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 48" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-012	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 54" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-013	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 72" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-014	31	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Service Connection "Pipe"			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-502	1440	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Shallow)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-S	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Medium)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-M	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-D	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (16") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-816	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-108	461	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (20") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-220	18	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-606	96	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ House Connection Survey			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-908	36	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (PVC/C-905 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-116	921	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Butterfly and Valve Box			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-516	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (HDPE Pipe) [DR 9]			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-302	178	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-108	73	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-110	104	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-208	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-210	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Air and Vacuum Release Valves			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-903	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Flowable Fill			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
710-01-00100	60	Cubic Yards		

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

JFK

ADDENDUM NO. 5

TO: ALL PLAN HOLDERS OF RECORD

PROJECT: Jefferson Parish Department of Public Works
**MAPLEWOOD DRIVE/PAILET STREET
DRAINAGE IMPROVEMENTS**

ENGINEER: BURK-KLEINPETER, INC.
ENGINEERS•ARCHITECTS•PLANNERS•ENVIRONMENTAL SCIENTISTS
4176 Canal St.
New Orleans, LA 70119

PUBLIC WORKS PROJECT NO.: 2009-063-DR
PROPOSAL NO.: 50-00112110
ENGINEER'S PROJECT NO.: NO.10.062
BID OPENING: Thursday March 5, 2015

DATE: March 4, 2015

This Addendum, including all written and graphic attached data, forms a part of the Contract Documents and modifies, interprets, and amends the original drawings and specifications as issued for bid, as dated November 5, 2014, and as modified (if at all) prior to issuance of this Addendum.

Bidders are to acknowledge receipt of Addendum on the Bid Form.

Bidder is responsible to disseminate this addendum to all subcontractors and material suppliers concerned.

The following revisions are hereby made a part of the Contract Documents and supersede and supplement all portions of the bidding documents with which it conflicts as if written therein.

I. GENERAL COMMENTS / CLARIFICATIONS:

1. The bid opening has been changed from March 5, 2015 at 2pm to Tuesday March 17, 2015 at 2pm. Please reference Advertisement to Bid for location and other specifics about the bid opening. Postponement due to quantity changes.

I. PERTAINING TO THE PLANS:

1. Summary of Estimated Quantities, Sheet No. C1.2:
 - a) Delete Item No. 726-01-00100, Bedding Material (Net Section).
2. Disregard all references in the Plans for bedding material to be paid separately, all bedding material will be included in the price of the storm drain pipe, wye-tee, junction box, conflict box, manhole, catch basin, and drop inlet.

II. PERTAINING TO THE SPECIFICATIONS:

1. FRONT END DOCUMENTS:

- A. Pages LUPWBF-1 through LUPWBF-14, LOUISIANA UNIFORM PUBLIC WORK BID FORM:

Delete sheets LUPWBF-1 through LUPWBF-14 in their entirety and replace with sheets ADD5-LUPWBF-1 through ADD5-LUPWBF-14 which are attached as part of this Addendum No. 5.

END OF ADDENDUM NO. 5

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110

(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: Burk-Kleinpeter, Inc.

and dated: November 2014

(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(A)(1)(c) or RS 38:2212(O).

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

**LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM**

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110

(Owner to provide name of project and other identifying information)

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

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Structures and Obstructions			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Drives			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-02000	110	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-02020	8,107	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Catch Basin			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-06060	87	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Walks and Drives (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-06100	2,628	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-26000	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Pipe (Storm Drain)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-32140	1,628	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Portland Cement Concrete Pavement (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-32500	7,795	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ General Excavation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-01-00100	6,522	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Embankment			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-03-00100	100	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geotextile Fabric (Under Roadway Sub-base Mat'l)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-08-00100	18,613	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Class II Base Course			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
302-01-00100	3,002	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Maintenance Aggregate (Vehicular Measurement)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
402-01-00100	1,467	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-A	2,210	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete, Drives, Turnouts and Miscellaneous			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-B	171	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Cold Planing Asphaltic Pavement (2" Thk.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
509-01-00100	3,505	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Portland Cement Concrete Pavement (7" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
601-01-00100	7,807	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (15" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01000	1,012	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (18" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01020	212	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (24" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01040	422	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (30" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01060	232	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (36" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01080	760	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (48" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01100	662	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (54" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01120	242	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (15" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01000	49	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (18" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01020	26	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (36" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01080	944	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (42" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01100	210	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(48" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01120	266	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(54" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01140	275	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(60" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01160	312	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(72" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01180	1,767	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(84" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01200	512	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Junction Boxes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-00100	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Conflict Boxes (as per Parish Standard Details)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-A	7	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manholes (MH-06)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-02-00100	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-01) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-A	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-02) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-B	37	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04a) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-C	18	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-05) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-D	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Jefferson Parish Drop Inlet			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-E	60	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04b) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-F	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Adjusting Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-04-00100	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Walks (4" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-01-00100	198	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Drive (6" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-02-00300	1,896	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Handicap Curb Ramps			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-04-00100	68	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Curb (Mountable)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
707-01-00300	5,810	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Temporary Signs and Barricades			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
713-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Slab Sodding (St. Augustine)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
714-01-00600	2,400	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Topsoil			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
715-01-00100	400	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Project Site Laboratory			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
722-02-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Granular Material (Net Section)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
723-01-00100	5,292	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Mobilization (5%)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
727-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Light Poles (relocate existing foundation, pole and service feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-15-01000	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Service Pole (replace service pole and overhead feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-18-01000	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ ReflectORIZED Raised Pavement Markers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
731-02-00100	34	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01000	2,657	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(24" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01080	120	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Construction Layout			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
740-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (6") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-106	199	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208	111	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208-P	150	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (10") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-210-P	50	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (12") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-212	70	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (24") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-224	20	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Normal Depth Manhole (Brick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-411	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 6" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-06	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 8" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-08	41	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 10" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-10	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 12" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-12	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 24" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-24	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-608	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-612	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (24")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-624	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Abandoned Existing Gravity Sewer Lines			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-901	548	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Main to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-903	8	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Service Connection to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-904	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pre-construction and Post-construction Pipe Cleaning and Video Inspection			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-906	13,942	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-104	350	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-106	124	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-108	1272	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-112	1073	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-202	50	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-204	38	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-206	65	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-208	1,007	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-212	70	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (Ductile Iron Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-216	145	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-404	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-406	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-408	30	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-412	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-704	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-706	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-708	521	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (10")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-710	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-712	27	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-716	26	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (2") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-802	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (4") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-804	9	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (6") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-806	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (8") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-808	70	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (12") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-812	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fittings for Waterlines (DI) (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-901	12,437	Pound		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant Assembly			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902-A	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Service Connection (< 1")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-903-0	88	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-4	38	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-6	483	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-8	2,663	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-12	1,027	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-16	145	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Site Preparation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-001	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geogrid			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-002	12,462	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Cement Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-003	280	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-004	2,321	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie Proposed Drainage Into Existing Retaining Wall Channel			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-005	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Trees, Shrubs and Groundcovers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-006	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x6'x4' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-A	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x8'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-B	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-C	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x8' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-D	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Control and Management			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-010	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 36" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-011	21	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 48" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-012	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 54" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-013	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 72" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-014	31	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Service Connection "Pipe"			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-502	1440	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Shallow)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-S	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Medium)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-M	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-D	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (16") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-816	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-108	461	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (20") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-220	18	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-606	96	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ House Connection Survey			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-908	36	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (PVC/C-905 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-116	921	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Butterfly and Valve Box			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-516	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (HDPE Pipe) [DR 9]			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-302	178	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-108	73	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-110	104	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-208	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-210	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Air and Vacuum Release Valves			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-903	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Flowable Fill			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
710-01-00100	60	Cubic Yards		

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

JFK

ADDENDUM NO. 6

TO: ALL PLAN HOLDERS OF RECORD

PROJECT: Jefferson Parish Department of Public Works
**MAPLEWOOD DRIVE/PAILET STREET
DRAINAGE IMPROVEMENTS**

ENGINEER: BURK-KLEINPETER, INC.
ENGINEERS•ARCHITECTS•PLANNERS•ENVIRONMENTAL SCIENTISTS
4176 Canal St.
New Orleans, LA 70119

PUBLIC WORKS PROJECT NO.: 2009-063-DR
PROPOSAL NO.: 50-00112110
ENGINEER'S PROJECT NO.: NO.10.062
BID OPENING: Tuesday March 17, 2015

DATE: March 12, 2015

This Addendum, including all written and graphic attached data, forms a part of the Contract Documents and modifies, interprets, and amends the original drawings and specifications as issued for bid, as dated November 5, 2014, and as modified (if at all) prior to issuance of this Addendum.

Bidders are to acknowledge receipt of Addendum on the Bid Form.

Bidder is responsible to disseminate this addendum to all subcontractors and material suppliers concerned.

The following revisions are hereby made a part of the Contract Documents and supersede and supplement all portions of the bidding documents with which it conflicts as if written therein.

I. GENERAL COMMENTS / CLARIFICATIONS:

1. Excavations deeper than 4 feet shall be stabilized by sheetpiles with bracing as required by design as stated in Addendum No.2 Sheet Number ADD2-C7.13 Note #4.

II. PERTAINING TO THE PLANS:

1. Summary of Estimated Quantities, Sheet No. C1.2:
 - a) Revise Quantity of Item No. 701-03-01080 Storm Drain Pipe (36" RCP/PP) from 760 Lin Ft. to 930 Lin Ft.
 - b) Revise Quantity of Item No. 701-04-01180 Storm Drain Pipe Arch (72" Equivalent RCPA) from 1767 Lin Ft. to 1982 Lin Ft.

III. PERTAINING TO THE SPECIFICATIONS:

1. FRONT END DOCUMENTS:

- A. Pages LUPWBF-1 through LUPWBF-14, LOUISIANA UNIFORM PUBLIC WORK BID FORM:

Delete sheets LUPWBF-1 through LUPWBF-14 in their entirety and replace with sheets ADD6-LUPWBF-1 through ADD6-LUPWBF-14 which are attached as part of this Addendum No. 6.

END OF ADDENDUM NO. 6

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110

(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: Burk-Kleinpeter, Inc.

and dated: November 2014
(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(A)(1)(c) or RS 38:2212(O) .

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

**LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM**

TO: Jefferson Parish Purchasing Department
200 Derbigny Street Suite 4400
Gretna, Louisiana 70053

(Owner to provide name and address of owner)

BID FOR: Jefferson Parish Dept. of Public Works
Maplewood Drive/Paillet Street Drainage Improvements
Public Works Proj. No. 2009-063-DR
Bid Proposal Number 50-00112110

(Owner to provide name of project and other identifying information)

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

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Structures and Obstructions			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Drives			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-02000	110	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Asphaltic Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-02020	8,107	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Catch Basin			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-06060	87	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Concrete Walks and Drives (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-06100	2,628	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-26000	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Pipe (Storm Drain)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-32140	1,628	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal of Portland Cement Concrete Pavement (Variable Thickness)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
202-02-32500	7,795	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ General Excavation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-01-00100	6,522	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Embankment			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-03-00100	100	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geotextile Fabric (Under Roadway Sub-base Mat'l)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
203-08-00100	18,613	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Class II Base Course			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
302-01-00100	3,002	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Maintenance Aggregate (Vehicular Measurement)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
402-01-00100	1,467	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-A	2,210	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Asphaltic Concrete, Drives, Turnouts and Miscellaneous			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
501-01-B	171	Ton		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Cold Planing Asphaltic Pavement (2" Thk.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
509-01-00100	3,505	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Portland Cement Concrete Pavement (7" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
601-01-00100	7,807	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (15" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01000	1,012	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (18" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01020	212	Lin. Ft.		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (24" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01040	422	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (30" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01060	232	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (36" RCP/PP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01080	930	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (48" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01100	662	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe (54" RCP)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-03-01120	242	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (15" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01000	49	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (18" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01020	26	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (36" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01080	944	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch (42" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01100	210	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(48" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01120	266	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(54" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01140	275	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(60" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01160	312	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(72" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01180	1,982	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Storm Drain Pipe Arch(84" Equivalent RCPA)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
701-04-01200	512	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Junction Boxes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-00100	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Conflict Boxes (as per Parish Standard Details)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-01-A	7	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Manholes (MH-06)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-02-00100	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-01) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-A	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-02) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-B	37	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04a) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-C	18	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-05) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-D	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Jefferson Parish Drop Inlet			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-E	60	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Catch Basins (CB-04b) (Jefferson Parish Drop Inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-03-F	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Adjusting Manholes			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
702-04-00100	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Walks (4" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-01-00100	198	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Drive (6" Thick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-02-00300	1,896	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Handicap Curb Ramps			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
706-04-00100	68	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Concrete Curb (Mountable)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
707-01-00300	5,810	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Temporary Signs and Barricades			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
713-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Slab Sodding (St. Augustine)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
714-01-00600	2,400	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Topsoil			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
715-01-00100	400	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Project Site Laboratory			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
722-02-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Granular Material (Net Section)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
723-01-00100	5,292	Cubic Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Mobilization (5%)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
727-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Light Poles (relocate existing foundation, pole and service feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-15-01000	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Service Pole (replace service pole and overhead feed)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
730-18-01000	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Reflectorized Raised Pavement Markers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
731-02-00100	34	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01000	2,657	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Plastic Pavement Striping (Solid Line)(24" Width)(Thermoplastic 90 mil)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
732-01-01080	120	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Construction Layout			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
740-01-00100	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (6") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-106	199	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208	111	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-208-P	150	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (10") (PVC C-900, Green)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-210-P	50	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (12") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-212	70	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (24") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-224	20	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Normal Depth Manhole (Brick)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-411	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 6" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-06	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 8" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-08	41	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 10" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-10	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 12" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-12	3	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie New or Existing Sewer Service Connection "Pipe" to an Existing 24" Main			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-503-24	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-608	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-612	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (24")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-624	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Abandoned Existing Gravity Sewer Lines			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-901	548	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Main to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-903	8	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie in, New Service Connection to Existing Sewer Manhole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-904	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pre-construction and Post-construction Pipe Cleaning and Video Inspection			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-906	13,942	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-104	350	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-106	124	Linear Foot		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (PVC/C-900 Pipe)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-108	1272	Linear Foot		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (PVC/C-900 Pipe)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-112	1073	Linear Foot		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (Ductile Iron Pipe)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-202	50	Linear Foot		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (4") (Ductile Iron Pipe)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-204	38	Linear Foot		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (6") (Ductile Iron Pipe)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-206	65	Linear Foot		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (8") (Ductile Iron Pipe)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-208	1,007	Linear Foot		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (12") (Ductile Iron Pipe)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-212	70	Linear Foot		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (Ductile Iron Pipe)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-216	145	Linear Foot		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (4")				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-404	1	Each		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (6")				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-406	2	Each		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (8")				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-408	30	Each		

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Gate Valve and Box (12")				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-412	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-704	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-706	13	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-708	521	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (10")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-710	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-712	27	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Pipe Restraints (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-716	26	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (2") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-802	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (4") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-804	9	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (6") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-806	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (8") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-808	70	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (12") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-812	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fittings for Waterlines (DI) (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-901	12,437	Pound		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Fire Hydrant Assembly			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-902-A	4	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Service Connection (< 1")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-903-0	88	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (4")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-4	38	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-6	483	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (8")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-8	2,663	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (12")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-12	1,027	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Removal and Disposal of Existing AC Waterline (16")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-907-16	145	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Site Preparation			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-001	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Geogrid			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-002	12,462	Square Yard		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Cement Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-003	280	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sawcut Portland Asphaltic Concrete Pavement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-004	2,321	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Tie Proposed Drainage Into Existing Retaining Wall Channel			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-005	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Trees, Shrubs and Groundcovers			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-006	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x6'x4' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-A	12	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x8'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-B	11	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x6' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-C	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Exploratory Excavation (4'x10'x8' deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-008-D	14	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Traffic Control and Management			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-010	1	Lump Sum		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 36" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-011	21	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 48" RCP Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-012	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 54" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-013	1	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Wye Tee Installation 72" Equiv. RCPA Main Line			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SI-014	31	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Service Connection "Pipe"			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-502	1440	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Shallow)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-S	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Medium)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-M	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Notching of the Top of a Concrete Pipe (Deep)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-907-D	6	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Transitional Couplings (16") (Jefferson Parish)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-816	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (8") (PVC/SDR 26 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-108	461	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Main (20") (Ductile Iron)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-220	18	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Shielded Coupling (6")			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-606	96	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ House Connection Survey			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
S-908	36	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (16") (PVC/C-905 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-116	921	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Butterfly and Valve Box			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-516	5	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Water Main (2") (HDPE Pipe) [DR 9]			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
W-302	178	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-108	73	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (PVC/C-900 Pipe)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-110	104	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (8") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-208	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Sewer Force Main (10") (Ductile Iron Pipe – Protecto 401)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-210	40	Linear Foot		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Air and Vacuum Release Valves			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
SF-903	2	Each		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ___ Flowable Fill			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
710-01-00100	60	Cubic Yards		

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

July 31, 2013

CERTIFICATION
FLEMING CONSTRUCTION CO., L.L.C.

It is hereby certified that a special meeting of the Members of Fleming Construction Co., L.L.C. was held at its registered offices on July 31, 2013. All members were present. All members waived notice of the meeting in writing.

It was resolved:

1. That Jack D. Fleming II, Manager and Member of Fleming Construction Co., L.L.C., be authorized to sign any and all contracts, agreements and bid bonds in the name of Fleming Construction Co., L.L.C.
2. That Jana Fleming Katz, Member of Fleming Construction Co., L.L.C., be authorized to sign any and all contracts, agreements and bid bonds in the name of Fleming Construction Co., LLC.
3. That A. Thomas Mora, Jr., Member of Fleming Construction Co., L.L.C., be authorized to sign any and all contracts, agreements and bid bonds in the name of Fleming Construction Co., L.L.C.
4. That Joe O. Malley, Member of Fleming Construction Co., L.L.C., be authorized to sign any and all contracts, agreements and bid bonds in the name of Fleming Construction Co., L.L.C.

Being no further business, the meeting was adjourned.

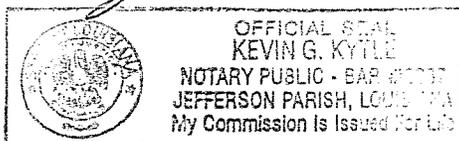
FLEMING CONSTRUCTION CO., L.L.C.

By: *Jack D. Fleming II*
Jack Fleming II
Manager

witness: Debbie B. Clement

SWORN TO AND SUBSCRIBED BEFORE ME,
THIS 5TH DAY OF AUGUST, 2013

[Signature]



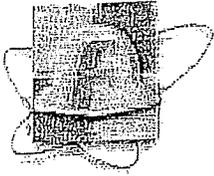
By witness

Jack D. Fleming II, Manager and Member
422 Atherton Drive
Metairie, LA 70005

Jana Fleming Katz, Member
67 Colonial Club Dr.
Harahan, LA 70123

A. Thomas Mora, Jr., Member
141 Rex Drive
River Ridge, LA 70123

Joe O. Malley, Member
467 Sam Smith Rd.
Poplarville, MS 39470



FLEMING CONSTRUCTION CO., L.L.C.

PAVING & PIPE CONTRACTORS SINCE 1953 LOUISIANA LICENSE NO. 935

Fleming Construction Co., L.L.C. has and is presently performing numerous projects throughout the Greater New Orleans area.

The following is a list of the same:

Sewerage & Water Board of New Orleans - Contract #8116

Sewerage & Water Board of New Orleans - Contract #2093

Sewerage & Water Board of New Orleans - Contract #3610

Sewerage & Water Board of New Orleans - Contract #3819

Jefferson Parish Elmwood Park Subdivision Sewerage Improvements -
SCIP Contract No. C5583 (Proposal No. 50-86879)

Jefferson Parish Canal 7 Drainage Improvements at Chateau Blvd. and Joe
Yenni Blvd. - DPW Project No. 2006-002-DR

Jefferson Parish Water Point Repair - Contract #50-90166

Jefferson Parish Sewer Point Repair - Contract #C5834

Jefferson Parish Concrete Streets Maintenance - Contract #50-75967

Jefferson Parish Utility Cuts - Contract #50-73543

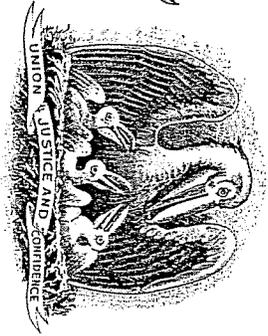
City of Kenner - Concrete Maintenance and Small Jobs

City of Gretna

Numerous Streets and Paved Areas Throughout Louisiana

FLEMING CONSTRUCTION CO., L.L.C.

STATE OF



LOUISIANA

State Licensing Board for Contractors

This is to Certify that:

FLEMING CONSTRUCTION COMPANY, L.L.C.
23 East Airline Drive
Kenner, LA 70062

is duly licensed and entitled to practice the following classifications

BUILDING CONSTRUCTION; HEAVY CONSTRUCTION; HIGHWAY, STREET AND BRIDGE
CONSTRUCTION; MUNICIPAL AND PUBLIC WORKS CONSTRUCTION



Expiration Date: October 25, 2015

License No: 935

Witness our hand and seal of the Board dated,
Baton Rouge, LA 26th day of October 2012

[Signature]
Director

[Signature]
Chairman

This License Is Not Transferrable

[Signature]
Secretary-Treasurer



[CHECK STATUS OF APPLICATION](#) [HOW TO APPLY](#) [NEED A FORM](#) [RENEW ONLINE](#)
[VERIFY HOMEOWNER CONSTRUCTION REP](#) [HOMEOWNER CONSUMER VIDEO](#) [CONTRACTOR COMPLAINT](#) [PUBLIC EDUCATION](#)
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Related Links:

[Online Search Main Page](#)

Licensing Board's Online Database

Search Results - Contractor Detail

Business Name: FLEMING CONSTRUCTION COMPANY, L.L.C. ✓
Mailing Address: 23 East Airline Drive
 Kenner, LA 70062
Phone Number: (504) 464-4000
Fax Number: (504)464-4036
Email Address: jkatz@flemco.net
Website:

Active Licenses

<u>Lic#</u>	<u>Type</u>	<u>Status</u>	<u>Effective</u>	<u>Expiration</u>	<u>First Issued</u>
✓ 935	Commercial License Certificate	LICENSED	10/26/2012	10/25/2015	10/25/1956

Classifications:

<u>Class</u>	<u>Qual Party</u>	<u>Valid Parishes</u>
BUILDING CONSTRUCTION	J Fleming	ALL
BUILDING CONSTRUCTION	Jack Fleming II	ALL
✓ HIGHWAY, STREET AND BRIDGE CONSTRUCTION	J Fleming	ALL
HIGHWAY, STREET AND BRIDGE CONSTRUCTION	Jack Fleming II	ALL
HEAVY CONSTRUCTION	J Fleming	ALL
HEAVY CONSTRUCTION	Jack Fleming II	ALL
MUNICIPAL AND PUBLIC WORKS CONSTRUCTION	J Fleming	ALL
MUNICIPAL AND PUBLIC WORKS CONSTRUCTION	Jack Fleming II	ALL

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Louisiana State Licensing Board For Contractors
 2525 Quail Drive ~ Baton Rouge, LA 70808
 Phone: (225) 765-2301 ~ Fax: (225) 765-2431
[Employee Login](#)

Site design & maintenance by Keith A. Horton, LLC

**Request for Taxpayer
Identification Number and Certification**

Give Form to the
requester. Do not
send to the IRS.

Name (as shown on your income tax return)
FLEMING CONSTRUCTION CO., L.L.C.

Business name/disregarded entity name, if different from above

Check appropriate box for federal tax classification (required):
 Individual/sole proprietor C Corporation S Corporation Partnership Trust/estate
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ **C** Exempt payee
 Other (see instructions) ▶

Address (number, street, and apt. or suite no.)
23 E. AIRLINE DRIVE

City, state, and ZIP code
KENNER, LA 70062

List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number								
			-					

Employer identification number									
7	2	-	0	4	6	1	9	7	8

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person ▶ *[Signature]* Date ▶ **12-21-2011**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.