

**CITY OF CORPUS CHRISTI
CONTRACTS AND PROCUREMENT
DEPARTMENT**

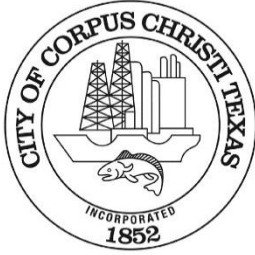


**S. STAPLES STREET FROM
BALDWIN BOULEVARD TO KOSTORYZ ROAD
PROJ. NO. 18041A**

CONTRACT NO. 3213

Project Specifications and Drawings
available at:

Y:\00 LEGISTAR CONST PLANS SPECS\Item No
20-1125 S Staples Baldwin Kostoryz



00 52 23 AGREEMENT

This Agreement is between the City of Corpus Christi (Owner) and **Berry Contracting, L.P. dba Bay Ltd.** (Contractor).

Owner and Contractor agree as follows:

ARTICLE 1 – WORK

- 1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as:

S. Staples Street from Baldwin Boulevard to Kostoryz Road (Bond 2018)
Project Number 18041A

ARTICLE 2 – DESIGNER AND OWNER’S AUTHORIZED REPRESENTATIVE

- 2.01 The Project has been designed by:

Hanson Professional Services Inc.
4501 Gollihar Road
Corpus Christi, TX 78411
WRivera@hanson-inc.com (Willie Rivera, P.E.)

- 2.02 The Owner’s Authorized Representative for this Project is:

Brett Van Hazel, PMP – Asst. Director of Construction
City of Corpus Christi – Engineering Services
4917 Holly Rd., Bldg, #5
Corpus Christi, TX 78411

ARTICLE 3 – CONTRACT TIMES

- 3.01 Contract Times

- A. The Work is required to be substantially completed within **820** days after the date when the Contract Times commence to run as provided in the Notice to Proceed and is to be completed and ready for final payment in accordance with Paragraph 17.16 of the General Conditions within **850** days after the date when the Contract Times commence to run.
- B. Performance of the Work is required as shown in Paragraph 7.02 of the General Conditions.

- C. Milestones, and the dates for completion of each, are as defined in Section 01 35 00 SPECIAL PROCEDURES.

3.02 Liquidated Damages

- A. Owner and Contractor recognize that time limits for specified Milestones, Substantial Completion, and completion and readiness for Final Payment as stated in the Contract Documents are of the essence of the Contract. Owner and Contractor recognize that the Owner will suffer financial loss if the Work is not completed within the times specified in Paragraph 3.01 and as adjusted in accordance with Paragraph 11.05 of the General Conditions. Owner and Contractor also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):
1. Substantial Completion: Contractor shall pay Owner \$2,000.00 for each day that expires after the time specified in Paragraph 3.01 for Substantial Completion until the Work is substantially complete.
 2. Completion of the Remaining Work: Contractor agrees to pay Owner \$400.00 for each day that expires after the time specified in Paragraph 3.01 for completion and readiness for final payment until the Work is completed and ready for final payment in accordance with Paragraph 17.16 of the General Conditions.
 3. Liquidated damages for failing to timely attain Substantial Completion and Final Completion are not additive and will not be imposed concurrently.
 4. Milestones: Contractor agrees to pay Owner liquidated damages as stipulated in SECTION 01 35 00 SPECIAL PROCEDURES for failure to meet Milestone completions.
 5. The Owner will determine whether the Work has been completed within the Contract Times.
- B. Owner is not required to only assess liquidated damages, and Owner may elect to pursue its actual damages resulting from the failure of Contractor to complete the Work in accordance with the requirements of the Contract Documents.

ARTICLE 4 – CONTRACT PRICE

- 4.01 Owner will pay Contractor for completion of the Work in accordance with the Contract Documents at the unit prices shown in the attached BID FORM. Unit prices have been computed in accordance with Paragraph 15.03 of the General Conditions. Contractor acknowledges that estimated quantities are not guaranteed, and were solely for the purpose of comparing Bids, and final payment for all unit price items will be based on actual quantities, determined as provided in the Contract Documents.

Total Base Bid No. 1 Price \$ 13,466,633.10

ARTICLE 5 – PAYMENT PROCEDURES

- 5.01 Submit Applications for Payment in accordance with Article 17 of the General Conditions. Applications for Payment will be processed by the OAR as provided in the General Conditions.

5.02 Progress Payments; Retainage:

- A. The Owner will make progress payments on or about the 25th day of each month during performance of the Work. Payment is based on Work completed in accordance with the Schedule of Values established as provided in the General Conditions.
- B. Progress payments equal to the full amount of the total earned value to date for completed Work minus the retainage listed below and properly stored materials will be made prior to Substantial Completion.
 - 1. The standard retainage is 5 percent.
- C. Payment will be made for the amount determined per Paragraph 5.02.B, less the total of payments previously made and less set-offs determined in accordance with Paragraph 17.01 of the General Conditions.
- D. At the Owner's option, retainage may be increased to a higher percentage rate, not to exceed ten percent, if progress on the Project is considered to be unsatisfactory. If retainage in excess of the amount described above is held prior to Substantial Completion, the Owner will place the additional amount in an interest bearing account. Interest will be paid in accordance with Paragraph 6.01.
- E. At the Owner's option, Owner may pay Contractor 100 percent of the Work completed, less amounts withheld in accordance with Paragraph 17.01 of the General Conditions and less 200 percent of OAR's estimate of the value of Work to be completed or corrected to reach Substantial Completion. Owner may, at its sole discretion, elect to hold retainage in the amounts set forth above for progress payments prior to Substantial Completion if Owner has concerns with the ability of the Contractor to complete the remaining Work in accordance with the Contract Documents or within the time frame established by this Agreement. Release or reduction in retainage is contingent upon and consent of surety to the reduction in retainage.

- 5.03 Owner will pay the remainder of the Contract Price as recommended by OAR in accordance with Paragraph 17.16 of the General Conditions upon Final Completion and acceptance of the Work.

ARTICLE 6 – INTEREST ON OVERDUE PAYMENTS AND RETAINAGE

- 6.01 The Owner is not obligated to pay interest on overdue payments except as required by Texas Government Code Chapter 2251. Invoices must comply with Article 17 of the General Conditions.
- 6.02 Except as specified in Article 5, the Owner is not obligated to pay interest on moneys not paid except as provided in Texas Government Code Chapter 2252.

ARTICLE 7 – CONTRACTOR'S REPRESENTATIONS

- 7.01 The Contractor makes the following representations:
- A. The Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.
 - B. The Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

- C. The Contractor is familiar with Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. The Contractor has carefully studied the following Site-related reports and drawings as identified in the Supplementary Conditions:
 - 1. Geotechnical Data Reports regarding subsurface conditions at or adjacent to the Site;
 - 2. Drawings of physical conditions relating to existing surface or subsurface structures at the Site;
 - 3. Underground Facilities referenced in reports and drawings;
 - 4. Reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site; and
 - 5. Technical Data related to each of these reports and drawings.
- E. The Contractor has considered the:
 - 1. Information known to Contractor;
 - 2. Information commonly known to contractors doing business in the locality of the Site;
 - 3. Information and observations obtained from visits to the Site; and
 - 4. The Contract Documents.
- F. The Contractor has considered the items identified in Paragraphs 7.01.D and 7.01.E with respect to the effect of such information, observations, and documents on:
 - 1. The cost, progress, and performance of the Work;
 - 2. The means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and
 - 3. Contractor's safety precautions and programs.
- G. Based on the information and observations referred to in the preceding paragraphs, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- H. The Contractor is aware of the general nature of Work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
- I. The Contractor has correlated the information known to the Contractor, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
- J. The Contractor has given the OAR written notice of all conflicts, errors, ambiguities, or discrepancies that the Contractor has discovered in the Contract Documents, and the written resolution provided by the OAR is acceptable to the Contractor.
- K. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

- L. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.
- M. **CONTRACTOR SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS THE OWNER'S INDEMNITEES IN ACCORDANCE WITH PARAGRAPH 7.14 OF THE GENERAL CONDITIONS AND THE SUPPLEMENTARY CONDITIONS.**

ARTICLE 8 – ACCOUNTING RECORDS

- 8.01 Accounting Record Availability: The Contractor shall keep such full and detailed accounts of materials incorporated and labor and equipment utilized for the Work consistent with the requirements of Paragraph 15.01 of the General Conditions and as may be necessary for proper financial management under this Agreement. Subject to prior written notice, the Owner shall be afforded reasonable access during normal business hours to all of the Contractor's records, books, correspondence, instructions, drawings, receipts, vouchers, memoranda, and similar data relating to the Cost of the Work and the Contractor's fee. The Contractor shall preserve all such documents for a period of 3 years after the final payment by the Owner.

ARTICLE 9 – CONTRACT DOCUMENTS

- 9.01 Contents:

- A. The Contract Documents consist of the following:
 - 1. Exhibits to this Agreement:
 - a. Contractor's Bid Form.
 - 2. Specifications, forms, and documents listed in SECTION 00 01 00 TABLE OF CONTENTS.
 - 3. Drawings listed in the Sheet Index.
 - 4. Solicitation documents and Contractor's response, which are incorporated by reference.
 - 5. Addenda, which are incorporated by reference.
 - 6. Documentation required by the Contract Documents and submitted by Contractor prior to Notice of Award, which is incorporated by reference.
- B. There are no Contract Documents other than those listed above in this Article.
- C. The Contract Documents may only be amended, modified, or supplemented as provided in Article 11 of the General Conditions.

ARTICLE 10 – CONTRACT DOCUMENT SIGNATURES

ATTEST

CITY OF CORPUS CHRISTI

Rebecca Huerta
City Secretary

Michael Rodriguez
Chief of Staff

AUTHORIZED

APPROVED AS TO LEGAL FORM:

BY COUNCIL _____

Assistant City Attorney

ATTEST (IF CORPORATION)

CONTRACTOR

(Seal Below)

Note: Attach copy of authorization to sign if person signing for CONTRACTOR is not President, Vice President, Chief Executive Officer, or Chief Financial Officer

Berry Contracting, L.P. dba Bay Ltd.

By: Matthew R. Beal 11/9/2020

E8E2478924164BF...
ESTIMATING MANAGER

Title: _____

1414 Valero Way

Address

Corpus Christ, TX 78409

City State Zip

361/693-2100

Phone Fax

bealm@bayltd.com

EMail


END OF SECTION

00 30 01 BID FORM

Project Name:	S. Staples Street from Baldwin Boulevard to Kostoryz Road		
Project Number:	18041A		
Owner:	City of Corpus Christi		
OAR:	BERRY CONTRACTING, L.P. dba BAY LTD.		
Designer:	Hanson Professional Services, Inc.		


By its signature below, Bidder accepts all of the terms and conditions of the Bid Acknowledgement, acknowledges receipt of all Addenda to the Bid and agrees, if this Bid is accepted, to enter into a Contract with the Owner and complete the Work in accordance with the Contract Documents for the Bid price.

Bidder: BERRY CONTRACTING, L.P. dba BAY LTD. (full legal name of Bidder)

Signature:  (signature of person with authority to bind the Bidder)

Name: MATTHEW R. BEAL (printed name of person signing Bid Form)

Title: ESTIMATING MANAGER (title of person signing Bid Form)

Attest:  (signature)

State of Residency: TEXAS

Federal Tx ID No. 74-2982901

Address for Notices: BAY LTD.
1414 VALERO WAY
CORPUS CHRISTI, TX 78409

Phone: (361)693-2100 MAIN# Email: bealm@bayltd.com

SPECIAL MEETING OF MANAGERS
BERRY OPERATING COMPANY, LLC
January 23, 2020

Berry Operating Company, LLC, general partner of Berry Contracting, LP, dba Bay Ltd. held a special meeting this 23rd day of January 2020. Keith Ackley, President, presided as Chairman of the meeting and DonEtta Beaty served as Secretary. All managers were present and waived notice of call and purpose of meeting. Mr. Ackley said the purpose of the meeting was to name the individuals authorized to act for and on behalf of Bay Ltd., Highway Division in connection with matters relating to the Texas Department of Transportation and other state, municipal, federal, quasi-governmental entities and private bodies.

RESOLVED that the following named individuals be empowered to act for and on behalf of Bay Ltd. as to the making and signing of contracts, bonds, bids, offers or other arrangements and revisions, changes or modification of same as the needs of the company may require.

K. J. Luhan	President
D. W. Berry	Vice President
M. G. Berry	Vice President
A. L. Berry	Vice President
Keith Ackley	Vice President
Kevin Stone	Vice President
Diane DeCou	Vice President and CFO

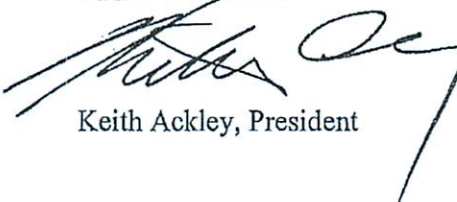
FURTHER RESOLVED that Mr. Jon Lentz and Matt Beal are empowered to sign contracts, bonds, bids, offers, or arrangements and revisions, changes or modification of same as the needs of the Highway Division of Bay Ltd. may require, hereby ratifying and affirming all such acts.

FURTHER RESOLVED that Matt Beal and Jon Lentz are specifically empowered to act for and on behalf of Bay Ltd. to sign "Proposal to the Texas Department of Transportation".

FURTHER RESOLVED that the Secretary be and is herein authorized and directed to furnish a certified copy hereof to any interested parties with the knowledge that such parties will rely upon same until actual receipt of written notice of change, deletion, modification, or revocation of such authority.


Berry Operating Company LLC
Special Meeting, January 23, 2020
Page 2

Approved Correct:



Keith Ackley, President

Attest:



DonEtta Beaty, Secretary

Certification

I, DonEtta Beaty, Secretary of Berry Operating Company, LLC certify that the above are minutes of a special meeting of the Managers of Berry Operating Company, LLC general partner of Berry Contracting LP, dba Bay Ltd., held on the date shown above and that such resolution was validly adopted at the Managers meeting at which a quorum was present and such resolution is a continuing resolution and is presently valid and in full force and effect this January 23, 2020 to which witness my hand.



DonEtta Beaty, Secretary

BID TOTALS

BASE BID 1	Total
Part A - General	\$970,373.10
Part B - Street Improvements	\$3,990,616.60
Part C - ADA Improvements	\$575,621.50
Part D - Signalization Improvements	\$834,000.00
Part E - RTA Improvements	\$67,147.00
Part F - I.T. Improvements	\$86,190.00
Part G - Gas Improvements	\$72,392.80
Part H - Stormwater Improvements	\$4,982,646.50
Part I - Wastewater Improvements	\$1,092,517.00
Part J - Water Improvements	\$795,128.60
Total	\$13,466,633.10

BASE BID 2	Total
Part A - General	\$961,873.10
Part B - Street Improvements	\$2,865,030.05
Part C - ADA Improvements	\$593,286.50
Part D - Signalization Improvements	\$859,300.00
Part E - RTA Improvements	\$172,857.00
Part F - I.T. Improvements	\$87,290.00
Part G - Gas Improvements	\$68,362.00
Part H - Stormwater Improvements	\$5,429,549.50
Part I - Wastewater Improvements	\$1,047,484.00
Part J - Water Improvements	\$812,608.80
Total	\$12,897,640.95

Not Awarded

Part A - General					
No.	Description	Unit	Qty	Unit Price	Ext Price
A1	Mobilization (Max 5% Part A)	LS	1	\$12,000.00	\$12,000.00

A2	Bonds and Insurance	AL	1	\$88,000.00	\$88,000.00
A3	Ozone Action Day	EA	6	\$1.25	\$7.50
A4	Clear Right-of-Way	AC	9.5	\$24,000.00	\$228,000.00
A5	Survey Monument	EA	2	\$260.00	\$520.00
A6	Traffic Control Plan and Preparation	EA	1	\$30,800.00	\$30,800.00
A7	Traffic Control Mobilization/Adjustments	EA	1	\$16,700.00	\$16,700.00
A8	Traffic Control Items (Barrels, Signs, Temp. Pavement Markings etc.)	MO	28	\$5,600.00	\$156,800.00
A9	Traffic Control Low Profile Concrete Barriers (20 ft. Barrier)	EA	300	\$38.00	\$11,400.00
A10	Traffic Control Message Boards	EA	6	\$20,000.00	\$120,000.00
A11	Traffic Control Temporary Pavement	SY	30000	\$1.55	\$46,500.00
A12	Temporary Traffic Signal Design and Preparation	EA	1	\$22,200.00	\$22,200.00
A13	Temporary Traffic Signal	EA	3	\$39,500.00	\$118,500.00
A14	Block Sodding	SY	10234	\$5.60	\$57,310.40
A15	Stormwater Pollution Prevention Plan	LS	1	\$4,300.00	\$4,300.00
A16	Silt Fence for Stormwater Pollution Prevention Plan	LF	4698	\$2.40	\$11,275.20
A17	Stormwater Structure Protection (Proposed and Existing)(Inlets, Manholes, Junction Boxes, Risers)	EA	162	\$130.00	\$21,060.00
A18	Allowance for Unanticipated Environmental Issues	AL	1	\$25,000.00	\$25,000.00
					Subtotal: \$970,373.10

Part B - Street Improvements					
No.	Description	Unit	Qty	Unit Price	Ext Price
B1	Mobilization (Max 5% Part B)	LS	1	\$98,000.00	\$98,000.00
B2	9" Thick Continuously Reinforced Concrete Pavement	SY	33770	\$73.00	\$2,465,210.00
B3	6" Crushed Limestone Base Material (Type A, Grade 1-2)	SY	34794	\$12.75	\$443,623.50
B4	12" Compacted Subgrade	SY	34794	\$2.90	\$100,902.60

B5	Street Excavation (Removal and Disposal)	SY	34794	\$10.75	\$374,035.50
B6	Reflective Pavement Markers (Type 1)(White)(4")(Broken)(090 MIL)	LF	1991	\$1.55	\$3,086.05
B7	Reflective Pavement Markers (Type 1)(White)(4")(Solid)(090 MIL)	LF	378	\$1.55	\$585.90
B8	Reflective Pavement Markers (Type 1)(Yellow)(4")(Broken)(090 MIL)	LF	1480	\$1.55	\$2,294.00
B9	Reflective Pavement Markers (Type 1)(Yellow)(4")(Solid)(090 MIL)	LF	8558	\$1.55	\$13,264.90
B10	Reflective Pavement Markers (Type 1)(Yellow)(8")(Solid)(090 MIL)	LF	0	\$3.00	\$0.00
B11	Reflective Pavement Markers (Type 1)(White)(8")(Solid)(090 MIL)	LF	484	\$3.10	\$1,500.40
B12	Reflective Pavement Markers (Type 1)(White)(12")(Solid Gore)(090 MIL)	LF	129	\$4.60	\$593.40
B13	Reflective Pavement Marker Symbol (Type C Heat Applied)(White)(Thru-Turn-Arrow or Word)(125 MIL)(Preformed Thermoplastic)	EA	28	\$250.00	\$7,000.00
B14	Raised Pavement Markers (Type I-C)	EA	114	\$7.40	\$843.60
B15	Raised Pavement Markers (Type II-A-A)	EA	408	\$7.40	\$3,019.20
B16	Raised Pavement Markers (Type II-B-B)	EA	42	\$7.40	\$310.80
B17	New Standard 6" Concrete Driveway	SF	10395	\$14.25	\$148,128.75
B18	Demolition of Existing Concrete Driveway	SF	9705	\$7.20	\$69,876.00
B19	Pavement Repair (Type 1)	SY	330	\$150.00	\$49,500.00
B20	Pavement Repair (Type 2)	SY	605	\$92.00	\$55,660.00
B21	Pavement Repair (Type 3)	SY	265	\$96.00	\$25,440.00
B22	New Regulatory Signage	EA	91	\$290.00	\$26,390.00
B23	New Sign Support Assembly (Pole)(Triangular Slipbase System)	EA	72	\$350.00	\$25,200.00
B24	Removal of Existing Signage and Support Assembly (Pole Foundation)	EA	48	\$74.00	\$3,552.00
B25	Adjustment of Existing Manhole Ring\Cover	EA	6	\$1,600.00	\$9,600.00

B26	Unanticipated Tree Removal and Replacement	EA	10	\$580.00	\$5,800.00
B27	Unanticipated Fence Removal and Replacement	LF	100	\$72.00	\$7,200.00
B28	Allowance for Unanticipated Street Improvements	AL	1	\$50,000.00	\$50,000.00
					Subtotal: \$3,990,616.60

Part C - ADA Improvements					
No.	Description	Unit	Qty	Unit Price	Ext Price
C1	Mobilization (Max 5% Part C)	LS	1	\$10,000.00	\$10,000.00
C2	Concrete Pedestrian Sidewalk	SF	41490	\$7.00	\$290,430.00
C3	Concrete Curb Ramp	SF	4944	\$18.25	\$90,228.00
C4	Sidewalk and Concrete Curb Ramp Demolition	SF	25100	\$5.40	\$135,540.00
C5	Reflective Pavement Markers for Crosswalk (Type C Heat Applied)(White) (24")(125 MIL)(Preformed Thermoplastic)	LF	1276	\$19.75	\$25,201.00
C6	Reflective Pavement Markers for Stop Bar (Type C Heat Applied)(White) (24")(125 MIL)(Preformed Thermoplastic)	LF	430	\$19.75	\$8,492.50
C7	New Parking Curb Stop	EA	3	\$460.00	\$1,380.00
C8	Unanticipated Sidewalk Retaining Curb	LF	100	\$46.00	\$4,600.00
C9	Unanticipated Sidewalk Drain	LF	25	\$390.00	\$9,750.00
					Subtotal: \$575,621.50

Part D - Signalization Improvements					
No.	Description	Unit	Qty	Unit Price	Ext Price
D1	Mobilization (Max 5% Part D)	LS	1	\$34,000.00	\$34,000.00
D2	New Baldwin Blvd. Signalization	LS	1	\$265,000.00	\$265,000.00
D3	New Louisiana Ave. Signalization	LS	1	\$265,000.00	\$265,000.00
D4	New Annapolis Dr. Signalization	LS	1	\$265,000.00	\$265,000.00
D5	Allowance for Unanticipated Signalization Improvements	AL	1	\$5,000.00	\$5,000.00

Subtotal: \$834,000.00

Part E - RTA Improvements

No.	Description	Unit	Qty	Unit Price	Ext Price
E1	Mobilization (Max 5% Part E)	LS	1	\$2,700.00	\$2,700.00
E2	Concrete Shelter Pad	SF	2100	\$17.00	\$35,700.00
E3	Demolition of Existing Concrete Shelter Pad	SF	3068	\$5.50	\$16,874.00
E4	Demolition of Existing Concrete Bus Pad	SF	1168	\$9.50	\$11,096.00
E5	Shelter Pad Striping (Yellow)(Solid)(Full Width of Curb)	LF	210	\$3.70	\$777.00
Subtotal: \$67,147.00					

Part F - I.T. Improvements

No.	Description	Unit	Qty	Unit Price	Ext Price
F1	Mobilization (Max 5% Part F)	LS	1	\$3,000.00	\$3,000.00
F2	2" PVC (Sch.40) Electrical Conduit (IT/MIS) with mule tape	LF	4730	\$13.00	\$61,490.00
F3	New Basis Polymer Concrete Pull Box 24"X36"X18" w/ 3" Gravel (IT/MIS)	EA	9	\$2,300.00	\$20,700.00
F4	Allowance for Unanticipated I.T. Improvements	AL	1	\$1,000.00	\$1,000.00
Subtotal: \$86,190.00					

Part G - Gas Improvements

No.	Description	Unit	Qty	Unit Price	Ext Price
G1	Mobilization (Max 5% Part G)	LS	1	\$2,900.00	\$2,900.00
G2	Trenching for Gas Line	LF	6718	\$3.80	\$25,528.40
G3	Backfill and Compaction for Gas Line Trench	LF	6718	\$5.80	\$38,964.40
G4	Allowance for Unanticipated Gas Improvements	AL	1	\$5,000.00	\$5,000.00
Subtotal: \$72,392.80					

Part H - Stormwater Improvements

No.	Description	Unit	Qty	Unit Price	Ext Price
H1	Mobilization (Max 5% Part H)	LS	1	\$98,000.00	\$98,000.00
H2	Standard 5 Foot Curb Inlet (Width Varies)	EA	50	\$7,820.00	\$391,000.00
H3	Modified 5 Foot Curb Inlet with Bottom or Front Extension (Width Varies)	EA	4	\$10,000.00	\$40,000.00
H4	Standard 6 Foot Curb Inlet (Width Varies)	EA	2	\$9,900.00	\$19,800.00
H5	Curb Inlet Extension (5' Throat Opening)	EA	5	\$3,000.00	\$15,000.00
H6	Dual Grate Inlet	EA	1	\$6,000.00	\$6,000.00
H7	6" Standard Curb (Including backfill)	LF	10240	\$10.75	\$110,080.00
H8	18" Reinforced Concrete Pipe (Class III)	LF	1733	\$95.00	\$164,635.00
H9	24" Reinforced Concrete Pipe (Class III)	LF	774	\$110.00	\$85,140.00
H10	30" Reinforced Concrete Pipe (Class III)	LF	315	\$130.00	\$40,950.00
H11	36" Reinforced Concrete Pipe (Class III)	LF	53	\$220.00	\$11,660.00
H12	42" Reinforced Concrete Pipe (Class III)	LF	113	\$220.00	\$24,860.00
H13	48" Reinforced Concrete Pipe (Class III)	LF	534	\$250.00	\$133,500.00
H14	5'X5' Reinforced Concrete Box (Class III)	LF	1037	\$430.00	\$445,910.00
H15	6'X6' Reinforced Concrete Box (Class III)	LF	1517	\$650.00	\$986,050.00
H16	8'X6' Reinforced Concrete Box (Class III)	LF	832	\$910.00	\$757,120.00
H17	8'X8' Reinforced Concrete Box (Class III)	LF	472	\$1,100.00	\$519,200.00
H18	Type 'A' Concrete Storm Water Manhole (Less than 8' Depth)	EA	1	\$6,900.00	\$6,900.00
H19	Type 'A' Concrete Storm Water Manhole (8' to 12' Depth)	EA	3	\$8,400.00	\$25,200.00
H20	Type 'A' Concrete Storm Water Manhole (12' to 16' Depth)	EA	1	\$11,100.00	\$11,100.00
H21	Type 'C' Concrete Storm Water Manhole (8' to 12' Depth)	EA	3	\$14,500.00	\$43,500.00
H22	Type 'D' Concrete Storm Water Manhole (8' to 12' Depth)	EA	2	\$12,300.00	\$24,600.00
H23	Type 'D' Concrete Storm Water Manhole (12' to 16' Depth)	EA	2	\$18,200.00	\$36,400.00
H24	Type 'D' Concrete Storm Water Manhole	EA	3	\$19,900.00	\$59,700.00

	(16' to 20' Depth)				
H25	Concrete Storm Water Manhole Riser (Less than 8' Depth)	EA	1	\$7,500.00	\$7,500.00
H26	Concrete Storm Water Manhole Riser (8' to 12' Depth)	EA	5	\$8,200.00	\$41,000.00
H27	Concrete Storm Water Manhole Riser (12' to 16' Depth)	EA	6	\$11,200.00	\$67,200.00
H28	Concrete Storm Water Manhole Riser (16' to 20' Depth)	EA	1	\$11,900.00	\$11,900.00
H29	Concrete Storm Water Junction Box #1 (~24' Depth)	EA	1	\$37,300.00	\$37,300.00
H30	Concrete Storm Water Junction Box #2 (~22' Depth)	EA	1	\$35,900.00	\$35,900.00
H31	Concrete Storm Water Junction Box #3 (~21' Depth)	EA	1	\$33,900.00	\$33,900.00
H32	Concrete Storm Water Junction Box #4 (~20' Depth)	EA	1	\$35,300.00	\$35,300.00
H33	Concrete Storm Water Junction Box #5 (~12' Depth)	EA	1	\$31,000.00	\$31,000.00
H34	Concrete Storm Water Junction Box #6 (~11.5' Depth)	EA	1	\$26,900.00	\$26,900.00
H35	Trench Safety for Stormwater Lines	LF	7380	\$13.75	\$101,475.00
H36	Trench Safety for Stormwater Structures (Including Inlets, Manholes, Risers, Junction Boxes)	EA	86	\$620.00	\$53,320.00
H37	Reinforced Concrete Box Repair	SF	64	\$68.00	\$4,352.00
H38	Reinforced Concrete Pipe Plug	EA	1	\$1,600.00	\$1,600.00
H39	Curb and Gutter Demolition and Removal	LF	9735	\$7.90	\$76,906.50
H40	Existing Curb Inlet Demolition	EA	46	\$1,000.00	\$46,000.00
H41	Existing Dual Grate Inlet Demolition	EA	1	\$1,400.00	\$1,400.00
H42	Reinforced Concrete Pipe to be removed	LF	10880	\$13.25	\$144,160.00
H43	Reinforced Concrete Box to be removed	LF	13	\$260.00	\$3,380.00
H44	Existing Concrete Manhole or Junction Box to be removed	EA	25	\$1,000.00	\$25,000.00
H45	Well Pointing for Stormwater improvement excavations	LF	1304	\$62.00	\$80,848.00

H46	Allowance for Unanticipated Stormwater Improvements	AL	1	\$60,000.00	\$60,000.00
					Subtotal: \$4,982,646.50

Part I - Wastewater Improvements					
No.	Description	Unit	Qty	Unit Price	Ext Price
I1	Mobilization (Max 5% Part I)	LS	1	\$20,000.00	\$20,000.00
I2	Pipe Burst Existing 8" VCP w/ 10" HDPE	LF	222	\$79.00	\$17,538.00
I3	Pipe Burst Existing 10" VCP w/ 12" HDPE	LF	209	\$91.00	\$19,019.00
I4	Pipe Burst Existing 10" VCP w/ 18" HDPE	LF	1265	\$110.00	\$139,150.00
I5	Pipe Burst Existing 12" VCP w/ 18" HDPE	LF	3414	\$120.00	\$409,680.00
I6	Pipe Burst Existing 18" VCP w/ 24" HDPE	LF	353	\$150.00	\$52,950.00
I7	Rehabilitate Existing Manhole with Fiberglass Liner	EA	19	\$10,600.00	\$201,400.00
I8	Manhole Drop Connection (6 ft. Minimum up to 12 ft. Maximum)	EA	2	\$4,100.00	\$8,200.00
I9	5' Diameter Fiberglass Manhole (<8' Depth)	EA	2	\$18,400.00	\$36,800.00
I10	Existing Manhole to be removed	EA	2	\$1,500.00	\$3,000.00
I11	Trench Safety for Wastewater Manholes	EA	2	\$890.00	\$1,780.00
I12	Wastewater By-Passing	LS	1	\$125,500.00	\$125,500.00
I13	Unanticipated Wastewater Service Reconnection (includes new service line and connection)	EA	5	\$5,500.00	\$27,500.00
I14	Allowance for Unanticipated Wastewater Improvements	AL	1	\$30,000.00	\$30,000.00
					Subtotal: \$1,092,517.00

Part J - Water Improvements					
No.	Description	Unit	Qty	Unit Price	Ext Price
J1	Mobilization (Max 5% Part J)	LS	1	\$10,000.00	\$10,000.00
J2	2" Dia. C900 PVC Waterline	LF	750	\$20.00	\$15,000.00
J3	4" Dia. C900 PVC Waterline	LF	20	\$97.00	\$1,940.00
J4	6" Dia. C900 PVC Waterline	LF	956	\$65.00	\$62,140.00

J5	8" Dia. C900 PVC Waterline	LF	495	\$71.00	\$35,145.00
J6	12" Dia. C900 PVC Waterline (Lateral & Distribution)	LF	4043	\$67.00	\$270,881.00
J7	Trench Safety for Waterlines	LF	5494	\$4.40	\$24,173.60
J8	Existing Waterline Demolition and Removal	LF	2000	\$25.00	\$50,000.00
J9	2-Inch Connection to 6-Inch Cap with 2-Inch Threaded Tap (Includes Brass Fittings, 90° Ell, Tee, Nipple, Coupling)	EA	2	\$490.00	\$980.00
J10	12-Inch x 8-Inch D.I.M.J Reducing Cross	EA	1	\$950.00	\$950.00
J11	6-Inch x 6-Inch D.I.M.J Tee	EA	5	\$490.00	\$2,450.00
J12	8-Inch x 8-Inch D.I.M.J Tee	EA	2	\$600.00	\$1,200.00
J13	12-Inch x 12-Inch D.I.M.J Tee	EA	2	\$930.00	\$1,860.00
J14	8-Inch x 6-Inch D.I.M.J Reducing Tee	EA	6	\$550.00	\$3,300.00
J15	12-Inch x 6-Inch D.I.M.J Reducing Tee	EA	23	\$530.00	\$12,190.00
J16	12-Inch x 8-Inch D.I.M.J. Reducing Tee	EA	11	\$670.00	\$7,370.00
J17	6-Inch x 4-Inch Reducer	EA	8	\$250.00	\$2,000.00
J18	8-Inch x 6-Inch Reducer	EA	8	\$400.00	\$3,200.00
J19	6-Inch D.I.M.J. Gate Valve	EA	11	\$880.00	\$9,680.00
J20	8-Inch D.I.M.J. Gate Valve	EA	11	\$1,300.00	\$14,300.00
J21	12-Inch D.I.M.J. Gate Valve	EA	12	\$2,300.00	\$27,600.00
J22	6-Inch D.I.M.J. 11.25 Deg Bend	EA	2	\$430.00	\$860.00
J23	8-Inch D.I.M.J. 11.25 Deg Bend	EA	4	\$370.00	\$1,480.00
J24	6-Inch D.I.M.J. 22.5 Deg Bend	EA	3	\$330.00	\$990.00
J25	8-Inch D.I.M.J. 22.5 Deg Bend	EA	1	\$760.00	\$760.00
J26	12-Inch D.I.M.J. 22.5 Deg Bend	EA	4	\$540.00	\$2,160.00
J27	4-Inch D.I.M.J. 45 Deg Bend	EA	16	\$140.00	\$2,240.00
J28	6-Inch D.I.M.J. 45 Deg Bend	EA	36	\$350.00	\$12,600.00
J29	8-Inch D.I.M.J. 45 Deg Bend	EA	28	\$240.00	\$6,720.00
J30	12-Inch D.I.M.J. 45 Deg Bend	EA	14	\$490.00	\$6,860.00
J31	6-Inch D.I.M.J 90 Deg Bend	EA	3	\$340.00	\$1,020.00
J32	8-Inch D.I.M.J 90 Deg Bend	EA	1	\$780.00	\$780.00

J33	4-Inch D.I.M.J. Long Patern Sleeve (1-Foot Min.)	EA	8	\$180.00	\$1,440.00
J34	6-Inch D.I.M.J. Long Patern Sleeve (1-Foot Min.)	EA	5	\$260.00	\$1,300.00
J35	8-Inch D.I.M.J. Long Patern Sleeve (1-Foot Min.)	EA	3	\$410.00	\$1,230.00
J36	12-Inch D.I.M.J. Long Patern Sleeve (1-Foot Min.)	EA	2	\$680.00	\$1,360.00
J37	4-Inch. D.I. Spool Piece (2-Foot Typ.)	EA	21	\$110.00	\$2,310.00
J38	6-Inch. D.I. Spool Piece (2-Foot Typ.)	EA	47	\$57.00	\$2,679.00
J39	8-Inch. D.I. Spool Piece (2-Foot Typ.)	EA	30	\$330.00	\$9,900.00
J40	12-Inch. D.I. Spool Piece (2-Foot Typ.)	EA	1	\$1,100.00	\$1,100.00
J41	6-Inch Cap with 2-Inch Threaded Tap	EA	2	\$370.00	\$740.00
J42	12-Inch Cap	EA	1	\$370.00	\$370.00
J43	6-Inch Plug	EA	5	\$350.00	\$1,750.00
J44	Fire Hydrant Assembly (Type 1)(Long)(Includes F.H., Vavle and D.I. Lead)	EA	8	\$5,300.00	\$42,400.00
J45	Fire Hydrant Assembly (Type 1)(Short)(Includes F.H., Valve and D.I. Lead)	EA	16	\$4,200.00	\$67,200.00
J46	Fire Hydrant Assembly Removal and Salvage	EA	9	\$430.00	\$3,870.00
J47	Transmission Main Lateral Valve Plug	EA	14	\$1,300.00	\$18,200.00
J48	Water Service Reconnections (Includes new 1" max dia. service line and connection)	EA	5	\$1,300.00	\$6,500.00
J49	Existing Water Valve Box Adjustments	EA	5	\$510.00	\$2,550.00
J50	Unanticipated Grout Fill and Abandon In Place Existing Waterline	LF	100	\$74.00	\$7,400.00
J51	Unanticipated Transmission Main Lateral Valve Replacement	EA	5	\$0.00	\$0.00
J52	Allowance for Unanticipated Water Improvements	AL	1	\$30,000.00	\$30,000.00
Subtotal: \$795,128.60					