

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

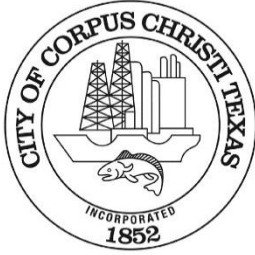


**LEOPARD STREET
NUECES BAY BOULEVARD TO PALM DRIVE
PROJ. NO. 18027A**

CONTRACT NO. 3303

Project Specifications and Drawings
available at:

Y:\00 LEGISTAR CONST PLANS SPECS\Item No 20-
0105 Leopard St Nueces Bay to Palm



00 52 23 AGREEMENT

This Agreement is between the City of Corpus Christi (Owner) and **CPC Interests LLC DBA Clark Pipeline Services LLC** (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:

Leopard St. – Nueces Bay Blvd. to Palm Dr. (Bond 2018)
18027A

ARTICLE 2 – DESIGNER AND OWNER’S AUTHORIZED REPRESENTATIVE

- 2.01 The Project has been designed by:

HDR Engineering, Inc.
555 N Carancahua St, Suite 1600
Corpus Christi, TX 78401
Samuel.saldivar@hdrinc.com

- 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 Road, Bldg. #5
Corpus Christi, TX 78411

ARTICLE 3 – CONTRACT TIMES

- 3.01 Contract Times

- A. The Work is required to be substantially completed within **395** 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 **425** 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 **\$1,500.00** 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 **\$800.00** 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 Price

Base Bid 1 (HMAC) \$ 5,262,457.37

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*

CPC Interests LLC DBA Clark Pipeline Services LLC

By: Chris Clark 12/11/2020
F69449F247B9407...

Title: President

6229 Leopard Street
Address

Corpus Christi, TX 78409

City State Zip

361/929-5822

Phone

Fax

npatel@clarkpipeline.com

Email

END OF SECTION

PROJECT:

LEOPARD STREET - NUECES BAY BLVD. TO PALM DR. (BOND 2018)

BIDDER:

Clark Pipeline Services, LLC

TOTAL BID:

COMPLETION TIME:

Not Required

BIDDER INFO:

6229 Leopard Street

Corpus Christi, TX 78409

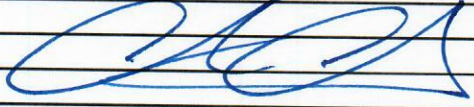
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Project Name:	Leopard Street - Nueces Bay Blvd to Palm Dr (Bond 2018)	
Project Number:	18027A	
Owner:	City of Corpus Christi	
OAR:	TO BE DETERMINED	
Designer:	HDR Engineering, Inc. (F-754)	

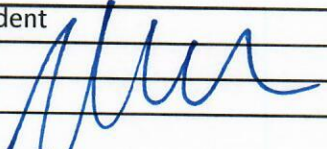
By its signature below, Bidder accepts all of the terms and conditions of the Bid Acknowledgement, acknowledges receipt of all Addenda to the Bid and agrees, if this Bid is accepted, to enter into a Contract with the Owner and complete the Work in accordance with the Contract Documents for the Bid price.

Bidder: CPC Interests LLC DBA Clark Pipeline Services LLC (full legal name of Bidder)

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

Name: Christopher Clark (printed name of person signing Bid Form)

Title: President (title of person signing Bid Form)

Attest:  (signature)

State of Residency: Texas

Federal Tx ID No. 32-042591837

Address for Notices: 6229 Leopard Street
Corpus Christi, Texas 78409

Phone: 361-929-5822 Email: npatel@clarkpipeline.com

BID TOTALS

BASE BID 1 (HMAC)	Total
PART A - GENERAL	\$350,386.10
PART B - STREET IMPROVEMENTS	\$2,127,025.71
PART C - TRAFFIC SIGNAL IMPROVEMENTS	\$365,099.38
PART D - RTA IMPROVEMENTS	\$51,520.00
PART E - ADA IMPROVEMENTS	\$260,399.60
PART F - STORM WATER IMPROVEMENTS	\$928,990.81
PART G - WATER IMPROVEMENTS	\$543,362.78
PART H - WASTEWATER IMPROVEMENTS	\$472,042.59
PART I - GAS IMPROVEMENTS	\$98,382.40
PART J - I.T. IMPROVEMENTS	\$65,248.00
Total	\$5,262,457.37

BASE BID 2 (CONCRETE)	Total
PART A - GENERAL	Not Bidding
PART B - STREET IMPROVEMENTS	Not Bidding
PART C - TRAFFIC SIGNAL IMPROVEMENTS	Not Bidding
PART D - RTA IMPROVEMENTS	Not Bidding
PART E - ADA IMPROVEMENTS	Not Bidding
PART F - STORM WATER IMPROVEMENTS	Not Bidding
PART G - WATER IMPROVEMENTS	Not Bidding
PART H - WASTEWATER IMPROVEMENTS	Not Bidding
PART I - GAS IMPROVEMENTS	Not Bidding
PART J - I.T. IMPROVEMENTS	Not Bidding
Total	Not Bidding

Not Awarded

PART A - GENERAL					
No.	Description	Unit	Qty	Unit Price	Ext Price
1-A1	MOBILIZATION (MAX. 5% OF PART A)	LS	1	\$15,000.00	\$15,000.00

1-A2	BONDS AND INSURANCE (AS REQUIRED)	AL	1	\$52,000.00	\$52,000.00
1-A3	CLEAR RIGHT-OF-WAY	AC	0.81	\$9,000.00	\$7,290.00
1-A4	OZONE ACTION DAY	EA	5	\$420.00	\$2,100.00
1-A5	LOW PROFILE CONCRETE BARRIERS	EA	62	\$750.00	\$46,500.00
1-A6	TCP PLAN AND PREP	LS	1	\$18,600.00	\$18,600.00
1-A7	TCP MOBILIZATION/ADJUSTMENTS	LS	1	\$32,400.00	\$32,400.00
1-A8	TCP ITEMS (BARRELS, CONES, ETC.)	MONTH	14	\$3,733.20	\$52,264.80
1-A9	TCP - ELECTRIC MESSAGE BOARDS	DAY	20	\$810.00	\$16,200.00
1-A10	TCP - CROSSING GUARDS	DAY	175	\$210.00	\$36,750.00
1-A11	TCP - PAVEMENT REPAIRS	LS	1	\$30,000.00	\$30,000.00
1-A12	TCP - ADJUSTING TRAFFIC SIGNAL HEADS	AL	1	\$10,000.00	\$10,000.00
1-A13	STORM WATER POLLUTION PREVENTION PLAN	LS	1	\$20,880.00	\$20,880.00
1-A14	SILT FENCE FOR STORM WATER POLLUTION	LF	1794	\$4.80	\$8,611.20
1-A15	BLOCK SODDING	SY	153	\$11.70	\$1,790.10
					Subtotal: \$350,386.10

PART B - STREET IMPROVEMENTS

No.	Description	Unit	Qty	Unit Price	Ext Price
1-B1	MOBILIZATION (MAX. 5% OF PART B)	LS	1	\$45,000.00	\$45,000.00
1-B2	STREET EXCAVATION	SY	19941	\$12.00	\$239,292.00
1-B3	TYPE D HOT-MIX ASPHALTIC CONCRETE PAVEMENT (2.5") (INCLUDES TACK COAT)	SY	18064	\$21.00	\$379,344.00
1-B4	TYPE B HOT-MIX ASPHALTIC CONCRETE PAVEMENT (5")	SY	18064	\$31.50	\$569,016.00
1-B5	PRIME COAT (MC-30)	GAL	2710	\$7.68	\$20,812.80
1-B6	7" CRUSHED LIMESTONE BASE (TY A, GR. 1-2)	SY	19941	\$25.20	\$502,513.20
1-B7	TENSAR TX5 GEOGRID OR EQUAL	SY	19941	\$5.40	\$107,681.40
1-B8	12" COMPACTED SUBGRADE	SY	19941	\$5.08	\$101,300.28

1-B9	TY C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PAVEMENT MARKING TYPE 1 (W) (WORD)	EA	4	\$300.00	\$1,200.00
1-B10	TY C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PAVEMENT MARKING TYPE 1 (W) (ARROW)	EA	15	\$222.00	\$3,330.00
1-B11	REFL. PAVEMENT MARKING TYPE 1 (W) (4") (DOT)(090 MIL)	LF	33	\$0.90	\$29.70
1-B12	REFL. PAVEMENT MARKING TYPE 1 (W) (8") (SLD)(090 MIL)	LF	550	\$1.80	\$990.00
1-B13	REFL. PAVEMENT MARKING TYPE 1 (W) (12") (SOLID)(090 MIL)	LF	147	\$7.20	\$1,058.40
1-B14	REFL. PAVEMENT MARKING TYPE 1 (W) (4") (BRK)(090 MIL)	LF	1090	\$0.90	\$981.00
1-B15	TY C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC REFL. PAVEMENT MARKING TYPE 1 (W) (24") (SLD) (090 MIL)	LF	1379	\$12.00	\$16,548.00
1-B16	REFL. PAVEMENT MARKINGS TY I (Y) 4" (BRK)(090 MIL)	LF	660	\$0.90	\$594.00
1-B17	REFL. PAVEMENT MARKING TYPE I (Y) (4") (SLD)(090 MIL)	LF	4829	\$0.90	\$4,346.10
1-B18	TY I-C RAISED PAVEMENT MARKER (REFLECTORIZED)	EA	62	\$6.00	\$372.00
1-B19	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)	EA	255	\$6.00	\$1,530.00
1-B20	REMOVE EXISTING STREET SIGNS AND ASSEMBLIES	EA	29	\$102.00	\$2,958.00
1-B21	IN SM RD SN SUP & AM TY 10BWG (1)SA(P)	EA	25	\$990.00	\$24,750.00
1-B22	IN SM RD SN SUP & AM TY 10BWG (1)SA(P-BM)	EA	9	\$1,170.00	\$10,530.00
1-B23	CONCRETE MEDIAN CAP	SF	5053	\$9.60	\$48,508.80
1-B24	CONCRETE DRIVEWAY	SY	1259	\$14.17	\$17,840.03
1-B25	UNANTICIPATED CONCRETE DRIVEWAY REMOVAL	SF	100	\$15.00	\$1,500.00
1-B26	ALLOWANCE FOR UNANTICIPATED STREET IMPROVEMENTS	AL	1	\$25,000.00	\$25,000.00
Subtotal: \$2,127,025.71					

PART C - TRAFFIC SIGNAL IMPROVEMENTS					
No.	Description	Unit	Qty	Unit Price	Ext Price
1-C1	MOBILIZATION (MAX. 5% OF PART C)	LS	1	\$5,000.00	\$5,000.00
1-C2	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	24	\$150.00	\$3,600.00
1-C3	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	47	\$372.00	\$17,484.00
1-C4	DRILL SHAFT (TRF SIG POLE) (48 IN)	LF	23	\$600.00	\$13,800.00
1-C5	CONDT (PVC) (SCHD 40) (2")	LF	425	\$19.20	\$8,160.00
1-C6	CONDT (PVC) (SCHD 40) (4")	LF	441	\$24.00	\$10,584.00
1-C7	CONDT (PVC) (SCHD 40) (2") (BORE)	LF	263	\$24.00	\$6,312.00
1-C8	CONDT (PVC) (SCHD 40) (4") (BORE)	LF	525	\$38.40	\$20,160.00
1-C9	2 CONDR (NO. 12) WITH GROUND (LUMINAIRE WIRE)	LF	704	\$2.16	\$1,520.64
1-C10	ELEC CONDR (NO. 6) BARE	LF	37	\$6.00	\$222.00
1-C11	ELEC CONDR (NO. 6) INSULATED	LF	74	\$6.00	\$444.00
1-C12	ELEC CONDR (NO. 8) BARE	LF	1512	\$2.04	\$3,084.48
1-C13	TRAY CABLE (3 CONDR) (12 AWG)	LF	1317	\$2.16	\$2,844.72
1-C14	TRAY CABLE (3 CONDR) (14 AWG)	LF	875	\$2.28	\$1,995.00
1-C15	GROUND BOX TY D WITH APRON	EA	10	\$1,320.00	\$13,200.00
1-C16	INSTALL HWY TRF SIG (ISOLATED)	EA	1	\$3,840.00	\$3,840.00
1-C17	ELC SRV TY D 120/240 060 (NS)SS(E)PS(U)	EA	1	\$6,960.00	\$6,960.00
1-C18	ILSN (LED) 8S (DURALIGHT) (FIXED MOUNT)	EA	4	\$3,540.00	\$14,160.00
1-C19	REMOVING TRAFFIC SIGNALS	EA	1	\$3,000.00	\$3,000.00
1-C20	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(3 SEC)	EA	8	\$102.00	\$816.00
1-C21	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(4 SEC)	EA	3	\$132.00	\$396.00
1-C22	DURALIGHT COUNTDOWN PEDESTRIAN SIGNAL MODULE (16 INCH)	EA	8	\$570.00	\$4,560.00
1-C23	TRF SIG CBL (TY A) (12 AWG) (4 CONDR)	LF	294	\$2.04	\$599.76
1-C24	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	327	\$2.28	\$745.56

1-C25	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	237	\$2.34	\$554.58
1-C26	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)	LF	698	\$5.04	\$3,517.92
1-C27	INS TRF SIG PL AM(S)1 ARM (24') LUM & ILSN	EA	1	\$9,720.00	\$9,720.00
1-C28	INS TRF SIG PL AM(S)1 ARM (32') LUM & ILSN	EA	1	\$10,620.00	\$10,620.00
1-C29	INS TRF SIG PL AM(S)1 ARM (44') LUM & ILSN	EA	1	\$13,536.00	\$13,536.00
1-C30	INS TRF SIG PL AM(S)1 ARM (60') LUM & ILSN	EA	1	\$23,616.00	\$23,616.00
1-C31	PED POLE ASSEMBLY	EA	4	\$1,170.00	\$4,680.00
1-C32	POLARA PUSH BUTTON (APS) W/R10-3E SIGN	EA	8	\$852.00	\$6,816.00
1-C33	PED DETECTOR CONTROLLER UNIT	EA	1	\$4,560.00	\$4,560.00
1-C34	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN)	EA	8	\$294.00	\$2,352.00
1-C35	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN ARW)	EA	3	\$294.00	\$882.00
1-C36	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL)	EA	8	\$294.00	\$2,352.00
1-C37	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL ARW)	EA	6	\$294.00	\$1,764.00
1-C38	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED)	EA	8	\$294.00	\$2,352.00
1-C39	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED ARW)	EA	3	\$294.00	\$882.00
1-C40	ALPHA FXM 2000 UNINTERRUPTIBLE POWER SUPPLY WITH CABINET	EA	1	\$19,440.00	\$19,440.00
1-C41	RADAR PRESENCE DETECTOR (WAVETRONIX)	EA	4	\$7,320.00	\$29,280.00
1-C42	RADAR PRESENCE DETECTOR COMM & POWER CABLE (SMARTSENSOR 6/C)	LF	782	\$3.60	\$2,815.20
1-C43	SCHOOL ZONE FLASHER ASSEMBLY (REMOVE AND REPLACE)	EA	2	\$6,120.00	\$12,240.00
1-C44	CAMERA PTZ (PELCO SPECTRA ENHANCED SERIES) WITH PELCO PA402 MOUNT	EA	1	\$4,308.00	\$4,308.00

1-C45	ETHERNET CABLE CAT5E FOR PTZ	LF	184	\$15.78	\$2,903.52
1-C46	WAVETRONIX CLICK 656 CABINET INTERFACE DEVICE	EA	1	\$4,680.00	\$4,680.00
1-C47	DATA AGGREGATOR DA-400, POWER/COMM CABLE AND 5-BAND ANTENNA	EA	1	\$6,804.00	\$6,804.00
1-C48	MAST ARM DAMPING PLATE	EA	1	\$660.00	\$660.00
1-C49	CONTROLLER CABINET (TS-2) WITH EXTENSION	EA	1	\$15,564.00	\$15,564.00
1-C50	NEMA TYPE CONTROLLER FOUNDATION	EA	1	\$2,520.00	\$2,520.00
1-C51	CONTROLLER ECONOLITE COBALT	EA	1	\$4,230.00	\$4,230.00
1-C52	MMU2-16LEIP WITH ETHERNET PORT	EA	1	\$1,482.00	\$1,482.00
1-C53	CISCO ETHERNET 4000 SWITCH (IE-4000-8GT8GP4G-E) AND POWER SUPPLY (PWR-IE170W-PC-AC=)	EA	1	\$9,960.00	\$9,960.00
1-C54	MIMOSA-B5 BACKHAUL RADIO	EA	1	\$3,720.00	\$3,720.00
1-C55	TRAFFIC SIGNAL MODIFICATION (2 INTERSECTIONS)	LS	1	\$7,800.00	\$7,800.00
1-C56	ALLOWANCE FOR UNANTICIPATED TRAFFIC SIGNAL IMPROVEMENTS	AL	1	\$5,000.00	\$5,000.00
Subtotal: \$365,099.38					

PART D - RTA IMPROVEMENTS

No.	Description	Unit	Qty	Unit Price	Ext Price
1-D1	MOBILIZATION (MAX. 5% OF PART D)	LS	1	\$2,400.00	\$2,400.00
1-D2	CONCRETE BUS SHELTER PAD	SF	900	\$15.60	\$14,040.00
1-D3	CONCRETE BUS PAD (IN STREET)	SY	200	\$170.40	\$34,080.00
1-D4	ALLOWANCE FOR UNANTICIPATED RTA IMPROVEMENTS	AL	1	\$1,000.00	\$1,000.00
Subtotal: \$51,520.00					

PART E - ADA IMPROVEMENTS

No.	Description	Unit	Qty	Unit Price	Ext Price
1-E1	MOBILIZATION (MAX. 5% OF PART E)	LS	1	\$2,815.20	\$2,815.20
1-E2	CONCRETE SIDEWALK	SF	15308	\$9.00	\$137,772.00

1-E3	REMOVE AND REPLACE EXISTING 6" CONCRETE CURB & GUTTER	LF	263	\$28.80	\$7,574.40
1-E4	CONCRETE CURB RAMPS	SF	4167	\$21.00	\$87,507.00
1-E5	SIDEWALK RETAINING CURB	LF	50	\$46.46	\$2,323.00
1-E6	SIDEWALK DRAIN	LF	50	\$168.00	\$8,400.00
1-E7	REFL. PAVEMENT MARKING TYPE 1 (W) (24") (SOLID) - CROSSWALK	LF	959	\$12.00	\$11,508.00
1-E8	ALLOWANCE FOR UNANTICIPATED ADA IMPROVEMENTS	AL	1	\$2,500.00	\$2,500.00
Subtotal: \$260,399.60					

PART F - STORM WATER IMPROVEMENTS

No.	Description	Unit	Qty	Unit Price	Ext Price
1-F1	MOBILIZATION (MAX. 5% OF PART F)	LS	1	\$25,000.00	\$25,000.00
1-F2	REMOVE EXISTING INLET OR MANHOLE	EA	1	\$3,000.00	\$3,000.00
1-F3	5' DIAMETER CONCRETE MANHOLE (TYPE-A) (CAST IN PLACE)	EA	4	\$9,036.00	\$36,144.00
1-F4	6' DIAMETER CONCRETE MANHOLE (TYPE-A) (CAST IN PLACE)	EA	3	\$12,002.40	\$36,007.20
1-F5	REMOVE EXISTING REINFORCED CONCRETE PIPE (15" - 36")	LF	437	\$56.00	\$24,472.00
1-F6	CONCRETE CURB & GUTTER	LF	5073	\$25.35	\$128,600.55
1-F7	6' CONCRETE CURB INLET (CAST IN PLACE)	EA	9	\$5,160.00	\$46,440.00
1-F8	5' CONCRETE CURB INLET THROAT EXTENSION	EA	28	\$2,110.08	\$59,082.24
1-F9	REMOVE AND REPLACE EXISTING 5' CURB INLET TOP (CAST IN PLACE)	EA	9	\$4,920.00	\$44,280.00
1-F10	18" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	292	\$143.84	\$42,001.28
1-F11	24" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	70	\$173.95	\$12,176.50
1-F12	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1186	\$203.99	\$241,932.14
1-F13	42" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	801	\$240.90	\$192,960.90

1-F14	TRENCH SAFETY (STORM WATER INLETS OR MANHOLES)	EA	13	\$600.00	\$7,800.00
1-F15	TRENCH SAFETY (STORM WATER LINE)	LF	2349	\$6.00	\$14,094.00
1-F16	ALLOWANCE FOR UNANTICIPATED STORM WATER IMPROVEMENTS	AL	1	\$15,000.00	\$15,000.00
Subtotal: \$928,990.81					

PART G - WATER IMPROVEMENTS

No.	Description	Unit	Qty	Unit Price	Ext Price
1-G1	MOBILIZATION (MAX. 5% OF PART G)	LS	1	\$25,000.00	\$25,000.00
1-G2	8" PVC C900 WATERLINE	LF	2578	\$84.25	\$217,196.50
1-G3	8" DI WATERLINE	LF	170	\$149.54	\$25,421.80
1-G4	10" PVC C900 WATERLINE	LF	64	\$164.18	\$10,507.52
1-G5	6" GATE VALVE & VALVE BOX, RESTRAINED	EA	1	\$1,002.00	\$1,002.00
1-G6	8" GATE VALVE & VALVE BOX, RESTRAINED	EA	2	\$1,393.20	\$2,786.40
1-G7	10" GATE VALVE & VALVE BOX, RESTRAINED	EA	2	\$2,034.00	\$4,068.00
1-G8	16" GATE VALVE & VALVE BOX, RESTRAINED	EA	1	\$9,000.00	\$9,000.00
1-G9	8" 45° DIMJ BEND	EA	55	\$333.60	\$18,348.00
1-G10	10" 45° DIMJ BEND	EA	2	\$405.60	\$811.20
1-G11	8" WATER VALVE	EA	18	\$1,510.80	\$27,194.40
1-G12	10" WATER VALVE	EA	1	\$2,700.00	\$2,700.00
1-G13	8" DIMJ ELBOW	EA	2	\$585.60	\$1,171.20
1-G14	8" X 8" DIMJ CROSS RESTRAINED	EA	2	\$482.28	\$964.56
1-G15	8" X 6" DIMJ TEE	EA	18	\$451.20	\$8,121.60
1-G16	8" X 6 " DIMJ REDUCER	EA	3	\$412.80	\$1,238.40
1-G17	8" X 8" DIMJ TEE	EA	3	\$468.00	\$1,404.00
1-G18	8" X 10" DIMJ TEE	EA	1	\$720.00	\$720.00
1-G19	6" PVC CONNECTION TO EXISTING LINE, RESTRAINED	EA	2	\$1,386.00	\$2,772.00

1-G20	8" PVC CONNECTION TO EXISTING LINE, RESTRAINED	EA	6	\$1,422.00	\$8,532.00
1-G21	10" PVC CONNECTION TO EXISTING LINE, RESTRAINED	EA	1	\$2,346.00	\$2,346.00
1-G22	8" X 8" TAPPING SLEEVE AND VALVE	EA	1	\$4,980.00	\$4,980.00
1-G23	16" X 8" TAPPING SLEEVE AND VALVE	EA	1	\$8,000.00	\$8,000.00
1-G24	6" PLUG	EA	3	\$270.00	\$810.00
1-G25	8" PLUG	EA	5	\$300.00	\$1,500.00
1-G26	10" PLUG	EA	1	\$594.00	\$594.00
1-G27	NEW FIRE HYDRANT ASSEMBLY (TYPE 1)	EA	18	\$4,405.20	\$79,293.60
1-G28	REPLACE EXISTING WATER SERVICE WITH NEW WATER SERVICE LINE W/CONNECTION	EA	9	\$2,750.40	\$24,753.60
1-G29	1" WATER SERVICE CONNECTION (INCLUDING METER ASSEMBLY AND METER BOX)	EA	9	\$2,084.40	\$18,759.60
1-G30	CONNECTION TO EXISTING WATER LINE	EA	12	\$1,431.60	\$17,179.20
1-G31	TRENCH SAFETY FOR WATER LINES	LF	2578	\$2.40	\$6,187.20
1-G32	ALLOWANCE FOR UNANTICIPATED WATER IMPROVEMENTS	AL	1	\$10,000.00	\$10,000.00
Subtotal: \$543,362.78					

PART H - WASTEWATER IMPROVEMENTS

No.	Description	Unit	Qty	Unit Price	Ext Price
1-H1	MOBILIZATION (MAX. 5% OF PART H)	LS	1	\$22,000.00	\$22,000.00
1-H2	4' DIAMETER WASTEWATER MANHOLE (6' DEPTH OR LESS) (FIBERGLASS)	EA	9	\$6,884.40	\$61,959.60
1-H3	EXTRA DEPTH FOR 4' DIAMETER WASTEWATER MANHOLE (OVER 6' DEPTH) (FIBERGLASS)	VF	35	\$768.00	\$26,880.00
1-H4	EXTRA DEPTH FOR 5' DIAMETER WASTEWATER MANHOLE (OVER 6' DEPTH) (FIBERGLASS)	VF	5	\$908.40	\$4,542.00
1-H5	5' DIAMETER WASTEWATER MANHOLE (6' DEPTH OR LESS) (FIBERGLASS)	EA	1	\$13,990.80	\$13,990.80
1-H6	ADJUST EXISTING WASTEWATER MANHOLE RIM TO GRADE	EA	1	\$2,022.00	\$2,022.00

1-H7	8" SDR 26 PVC WASTEWATER MAIN (0' - 6' DEPTH)	LF	9	\$74.58	\$671.22
1-H8	8" SDR 26 PVC WASTEWATER MAIN (6' - 8' DEPTH)	LF	288	\$90.18	\$25,971.84
1-H9	8" SDR 26 PVC WASTEWATER MAIN (8' - 10' DEPTH)	LF	324	\$116.75	\$37,827.00
1-H10	8" SDR 26 PVC WASTEWATER MAIN (10' - 12' DEPTH)	LF	75	\$156.18	\$11,713.50
1-H11	10" SDR 26 PVC WASTEWATER MAIN (8' - 10' DEPTH)	LF	503	\$132.21	\$66,501.63
1-H12	10" SDR 26 PVC WASTEWATER MAIN (10' - 12' DEPTH)	LF	655	\$165.64	\$108,494.20
1-H13	GROUT FILL (8" - 10") VCP WASTEWATER LINE	LF	1468	\$15.60	\$22,900.80
1-H14	SHORT WASTEWATER SERVICE LINE (INCLUDES NEW SERVICE LINE, CLEANOUT, AND CONNECTION)	EA	6	\$2,425.20	\$14,551.20
1-H15	LONG WASTEWATER SERVICE LINE (INCLUDES NEW SERVICE LINE, CLEANOUT, AND CONNECTION)	EA	3	\$4,305.60	\$12,916.80
1-H16	DROP CONNECTION AT MANHOLE	EA	1	\$2,661.60	\$2,661.60
1-H17	TRENCH SAFETY (WASTEWATER MANHOLES)	EA	9	\$960.00	\$8,640.00
1-H18	TRENCH SAFETY FOR WASTEWATER MAIN	LF	1854	\$9.60	\$17,798.40
1-H19	ALLOWANCE FOR UNANTICIPATED WASTEWATER IMPROVEMENTS	AL	1	\$10,000.00	\$10,000.00
Subtotal: \$472,042.59					

PART I - GAS IMPROVEMENTS

No.	Description	Unit	Qty	Unit Price	Ext Price
1-I1	MOBILIZATION (MAX. 5% OF PART I)	LS	1	\$4,500.00	\$4,500.00
1-I2	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINES	LF	5423	\$16.80	\$91,106.40
1-I3	ADJUST EXISTING GAS VALVE BOX TO FINISHED GRADE	EA	2	\$888.00	\$1,776.00
1-I4	ALLOWANCE FOR UNANTICIPATED GAS IMPROVEMENTS	AL	1	\$1,000.00	\$1,000.00

Subtotal: \$98,382.40

PART J - I.T. IMPROVEMENTS

No.	Description	Unit	Qty	Unit Price	Ext Price
1-j1	MOBILIZATION (MAX. 5% OF PART J)	LS	1	\$3,000.00	\$3,000.00
1-j2	2" PVC SCHEDULE 40 I.T. CONDUIT WITH PULL STRING AND MULE TAPE	LF	2486	\$12.00	\$29,832.00
1-j3	24"X36"X18" I.T. PULL BOX (INSTALLATION ONLY)	EA	14	\$2,244.00	\$31,416.00
1-j4	ALLOWANCE FOR UNANTICIPATED I.T. IMPROVEMENTS	AL	1	\$1,000.00	\$1,000.00
					Subtotal: \$65,248.00