CITY OF CORPUS CHRISTI CONTRACTS AND PROCUREMENT DEPARTMENT



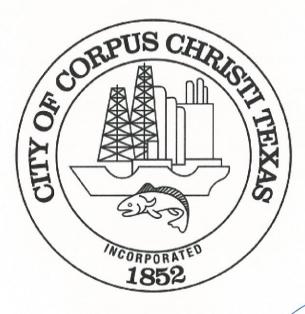
HOLLY ROAD SH 286 TO GREENWOOD DRIVE (Bond 2012) - PROJECT No. 6470

Contract No. 2945

Project Specifications and Drawings available at:

Y:\00 LEGISTAR CONST PLANS SPECS \Item No 20 0304 Holly Rd

CONTRACT DOCUMENTS FOR CONSTRUCTION OF HOLLY ROAD SH 286 TO GREENWOOD DRIVE [Bond 2012] PROJECT NUMBER 6470





engineers | architects | surveyors

TBPE FIRM NO. F-366

March 26, 2020

Record Drawing Number STR 859

FINAL/CONFORMED SET

3-26-2020

00 01 00 TABLE OF CONTENTS

Division / Section	Title
Division 00	Contracting Requirements
00 52 23	Agreement (Rev 8-2019)
00 72 00	General Conditions (Rev 8-2019)
00 73 00	Supplementary Conditions (Rev 8-2019)
Division 01	General Requirements
01 11 00	Summary of Work (Rev 10-2018)
01 23 10	Alternates and Allowances (Rev 10-2018)
01 29 01	Measurement and Basis for Payment (Rev 8-2019)
01 33 01	Submittal Register (Rev 10-2018)
01 35 00	Special Procedures (Rev 10-2018)
01 50 00	Temporary Facilities and Controls (Rev 8-2019)
01 57 00	Temporary Controls (Rev 8-2019)
Part S	Standard Specifications
	020 SITE ASSESSMENTS & CONTROLS
020100	Survey Monuments
	021 SITE PREPARATION
021020	Site Clearing and Stripping
021040	Site Grading
021080	Removing Abandoned Structures
	022 EARTHWORK
022021	Control of Ground Water
022022	Trench Safety for Excavations
022040	Street Excavation
022060	Chanel Excavation
022080	Embankment
022100	Select Material
022420	Silt Fence

Division / Section	Title
	025 ROADWAY
025202	Scarifying and Reshaping Base Course
025205	Pavement Repair, Curb, Gutter, Sidewalk and Driveway Replacement
025223	Crushed Limestone Flexible Base
025402	Planing Asphalt Surfaces (S-27A)
025404	Asphalts, Oils and Emulsions
025412	Prime Coat
025414	Aggregate for Surface Treatment
025418	Surface Treatment
025424	Hot Mix Asphaltic Concrete Pavement (Class A)
025608	Inlets
025610	Concrete Curb and Gutter
025612	Concrete Sidewalks and Driveways
025614	Concrete Curb Ramps
025620	Portland Cement Concrete Pavement
025802	Temporary Traffic Controls During Construction
025805	Work Zone Pavement Markings
025807	Pavement Markings (Paint and Thermoplastic)
025813	Preformed Thermoplastic Striping, Words and Emblems
025816	Raised Pavement Markers
025818	Reference – TxDOT DMS-4200 Pavement Markers (Reflectorized)
025828	Reference – TxDOT DMS-6130 Bituminous Adhesive for Pavement Markers
	026 UTILITIES
026201	Waterline Riser Assemblies
026202	Hydrostatic Testing of Pressure Systems
026204	PVC Pipe – Pressure Pipe for Wastewater Force Mains, Irrigation Systems, and Water Transmission lines – ASTM D2241
026206	Ductile Iron Pipe & Fittings
026210	PVC Pipe (AWWA C900 and C905 Pressure Pipe for Municipal Water Mains and Wastewater Force Mains)
026214	Grouting Abandoned Utility Lines
026402	Waterlines
026404	Water Service Lines
026409	Tapping Sleeves and Tapping Valves

Division / Section	Title			
026411	Gate Valves for Waterlines			
026416	Fire Hydrants			
	027 WASTEWATER AND STORM WATER			
027200	Control of Wastewater Flows			
027202	Manholes			
027203	Vacuum Testing of Wastewater Manholes and Structures			
027205	Fiberglass Manholes			
027402	Reinforced Concrete Pipe Culverts			
027602	Gravity Wastewater Lines			
027604	Disposal of Waste from Wastewater Cleaning Operations			
027606	Wastewater Service Lines			
027611	Cleaning and Televised Inspection of Conduits			
	028 SITE IMPROVEMENTS & LANDSCAPING			
028300	Fence Relocation			
028320	Chain Link Fence			
028370	Barbed Wire Fence			
	030 CONCRETE, GROUT			
030020	Portland Cement Concrete			
032020	Reinforcing Steel			
038000	Concrete Structures			
	050 METALS			
0554200	Frames, Grates, Rings and Covers			
Part S	Standard Specifications			
	025 Roadway			
022020-T	Excavation And Backfill For Utilities			
	028 Site Improvements			
028020-T	Seeding			
Appendix	Title			
А	Geotechnical Report with Supplement No. 1			

END OF SECTION



00 52 23 AGREEMENT

This Agreement is between the City of Corpus Christi (Owner) and <u>Jhabores Construction Company, Inc.</u> (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:

Holly Road – SH 286 to Greenwood Drive (Bond 2012) 6470

ARTICLE 2 – DESIGNER AND OWNER'S AUTHORIZED REPRESENTATIVE

2.01 The Project has been designed by:

LNV, LLC 801 Navigation Blvd., Suite 300 Corpus Christi, TX 78408 sjones@LNVinc.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 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 <u>300</u> 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 <u>330</u> 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** 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** 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 \$ 3,349,518.32

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
 - 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.
 - b. List as necessary.
 - 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 <u>SIGNATURES</u>

ATTEST	CITY OF CORPUS CHRISTI				
Rebecca Huerta City Secretary	Michael Rodriguez Chief of Staff				
		AUTł	IORIZED		
APPROVED AS TO LEGAL FORM:	BY COUNCIL				
Assistant City Attorney					
ATTEST (IF CORPORATION)	CONTRACTOR				
	Jhabores Construction Co	ompany, Inc.			
(Seal Below)	By: Sava Muilm	ah.	7/22/2020		
Note: Attach copy of authorization to sign if	Title:	esident			
person signing for CONTRACTOR is not President, Vice President, Chief Executive Officer, or Chief	P.O. Box 60089				
Financial Officer	Address				
	Corpus Christi, TX 78466	ì			
	City	State	Zip		
	361/852-8858	361/85	2-7979		
	Phone	Fax			
	Sara@jhaboresconstructior	n.com			
	EMail				

END OF SECTION

Project		
Name:	Holly Road - SH 286 to Greenwood Drive (Bond 2012)	
Project		
Number:	6470	
Owner:	: City of Corpus Christi	
OAR:		
Designer:	r: LNV, Inc.	
of all Adde	nature below, Bidder accepts all of the terms and conditions of the Bid Ackr denda to the Bid and agrees, if this Bid is accepted, to enter into a Contract accordance with the Contract Documents for the Bid price.	nowledgement, acknowledges receipt with the Owner and complete the
Bidder:	JHABORES CONSTRUCTION COMPANY, INC. [full legal name	of Bidder)
Signature:	e:(signature of per	rson with authority to bind the Bidder)
Name:	SARA A. MUILMAN (printed name o	f person signing Bid Form)
Title:	PRESIDENT (title of person s	igning Bid Form)
Attest:	Jugen (signature)	
State of Re	Residency: TEXAS	
Federal Tx	Tx ID No74-2711074	
Address fo	for Notices: P.O. BOX 60089 CORPUS CHRISTI, TEXAS 78466	
Phone:	361-852-8858 Email:sara@jhaboresconstruction.com	2000 - 100 -

BID TOTALS

BASE BID	Total
Part A - General	\$267,694.20
Part B - STREET IMPROVEMENTS	\$629,005.72
Part C - ADA IMPROVEMENTS	\$222,230.34
Part D -DRAINAGE IMPROVEMENTS	\$132,842.43
Part E - WATER IMPROVEMENTS	\$452,451.82
Part F - WASTEWATER IMPROVMENTS	\$1,573,429.00
Part G - I.T. IMPROVEMENTS	\$71,867.00
Total	\$3,349,520.51

No.	Description	Unit	Qty	Unit Price	Ext Price
A1	Mobilization (5% Max. Part A)	LS	1	\$10,000.00	\$10,000.00
A2	Bonds & Insurance (2% Max.)	AL	1	\$42,875.00	\$42,875.00
A3	Ozone Action Day	DAY	5	\$1,000.00	\$5,000.00
A4	Survey Monument	EA	2	\$357.00	\$714.00
A5	SWPPP	LS	1	\$1,113.00	\$1,113.00
A6	Revegetation (Hydromulch)	SY	15094	\$1.30	\$19,622.20
A7	Curb Inlet Protection	EA	11	\$297.00	\$3,267.00
A8	Silt Fence	LF	240	\$7.00	\$1,680.00
A9	Stabilized Construction Entrance	EA	2	\$3,333.00	\$6,666.00
A10	Traffic Control Plan & Preparation	LS	1	\$11,909.00	\$11,909.00
A11	Temporary Traffic Controls During Construction	LS	1	\$29,700.00	\$29,700.00
A12	Clear Right-Of-Way	AC	10	\$9,640.00	\$96,400.00
A13	Hot Tap (Verify Active Status of Pipeline)	LS	1	\$8,748.00	\$8,748.00
A14	Allowance For Removal Or Adjustment of Existing Pipeline (MANDATORY)	AL	1	\$30,000.00	\$30,000.00

Subtotal: \$267,694.20

Part B - STREET IMPROVEMENTS					
No.	Description	Unit	Qty	Unit Price	Ext Price
B1	Mobilization (5% Max. Part B)	LS	1	\$21,318.43	\$21,318.43
B2	Asphalt Planing (Milling) (2.0")	SY	10721	\$6.55	\$70,222.55
B3	Asphalt Planing (Milling) (8.0")	SY	6112	\$10.24	\$62,586.88
B4	Triaxial Geogrid (Tensar TriAx TX5)	SY	6112	\$3.93	\$24,020.16
В5	6" Crushed Limestone Flexible Base (Type A, Grade 1-2)	SY	6112	\$16.14	\$98,647.68
B6	Prime Coat (0.20 Gal/SY)	GAL	1222.4	\$5.48	\$6,698.75
В7	2" Hot Mix Asphalt Concrete Pavement Type D Surface Course	SY	16833	\$17.39	\$292,725.87
B8	Prefabricated Pavement Markings TY.1 (W) (Left Turn Arrow) (100 mil)	EA	2	\$178.65	\$357.30
В9	Prefabricated Pavement Markings TY.1 (W) (Right Turn Arrow) (100 mil)	EA	2	\$178.65	\$357.30
B10	Prefabricated Pavement Marking Type C (W) ("ONLY")	EA	4	\$476.39	\$1,905.56
B11	Refl. Pavement Marking Type I (W) (4") (Broken)	LF	300	\$0.66	\$198.00
B12	Refl. Pavement Marking Type I (W) (4") (Solid)	LF	6314	\$0.60	\$3,788.40
B13	Refl. Pavement Marking Type I (Y) (4") (Broken)	LF	530	\$0.66	\$349.80
B14	Refl. Pavement Marking Type I (Y) (4") (Solid)	LF	4865	\$0.60	\$2,919.00
B15	Refl. Pavement Marking Type I (W) (8") (Solid)	LF	693	\$1.79	\$1,240.47
B16	Reflective Pavement Markings TY.1(Y) (24") (SLD) (100 mil) - Gore	LF	646	\$4.47	\$2,887.62
B17	Reflective Pavement Markings TY.1(W) (24") (SLD) (100 mil) - Crosswalk	LF	72	\$5.06	\$364.32
B18	Raised Reflective Pavement Markings (TY-C) White	EA	58	\$5.95	\$345.10
B19	Raised Reflective Pavement Markings (TYII-A-A) Yellow	EA	217	\$5.95	\$1,291.15
B20	Raised Reflective Pavement Markings (TYII-B-B) Blue	EA	12	\$14.29	\$171.48

B21	Aluminum Sign (Type A)	EA	6	\$1,101.65	\$6,609.90
B22	Allowance For Unanticipated Street Improvements (MANDATORY)	AL	1	\$30,000.00	\$30,000.00

Subtotal: \$629,005.72

No.	Description	Unit	Qty	Unit Price	Ext Price
C1	Mobilization (5% Max. Part C)	LS	1	\$5,240.29	\$5,240.29
C2	8' Concrete Multi-Use Path	SF	24278	\$8.69	\$210,975.82
C3	Curb Ramps	SF	412	\$12.03	\$4,956.36
C4	Remove And Replace Existing Concrete Sidewalk	SF	163	\$6.49	\$1,057.87

Part D -DRAINAGE IMPROVEMENTS					
No.	Description	Unit	Qty	Unit Price	Ext Price
D1	Mobilization (5% Max. Part D)	LS	1	\$4,000.00	\$4,000.00
D2	18" Dia. RCP (Class IV)	LF	33	\$125.00	\$4,125.00
D3	18" Safety End Treatment	EA	2	\$1,818.00	\$3,636.00
D4	24" Dia. RCP (Class IV)	LF	322	\$89.00	\$28,658.00
D5	24" Safety End Treatment	EA	4	\$2,455.00	\$9,820.00
D6	4' Post Inlet	EA	1	\$3,394.00	\$3,394.00
D7	5' Dia. Concrete Storm Water Manhole	EA	1	\$9,027.00	\$9,027.00
D8	Ditch Regrading	LF	2581	\$14.11	\$36,417.91
D9	Adjust Existing Storm Water Manhole to Finish Grade	EA	1	\$2,098.00	\$2,098.00
D10	Trench Safety for Storm Water Conduits and Inlets	LF	355	\$1.00	\$355.00
D11	Trench Safety for Storm Water Manhole or Junction Box	EA	1	\$700.00	\$700.00
D12	6" Concrete Driveway	SF	512	\$10.96	\$5,611.52
D13	Allowance For Unanticipated Drainage Improvements (MANDATORY)	AL	1	\$25,000.00	\$25,000.00

Subtotal: \$132,842.43

No.	Description	Unit	Qty	Unit Price	Ext Price
E1	Mobilization (5% Max. Part E)	LS	1	\$15,000.00	\$15,000.00
E2	8" Dia. C900 PVC Waterline (DR 18)	LF	13	\$51.00	\$663.00
E3	12" Dia. C900 PVC Waterline (DR 18)	LF	4028	\$45.00	\$181,260.00
E4	Trench Safety for Waterlines	LF	4041	\$1.00	\$4,041.00
E5	8" Dia. Plug	EA	1	\$292.00	\$292.00
E6	12" Dia. 45 Deg D.I. Bend	EA	34	\$807.00	\$27,438.00
E7	12" Dia. 22.5 Deg D.I. Bend	EA	2	\$784.00	\$1,568.00
E8	8" x 12" D.I. Reducer	EA	1	\$488.00	\$488.00
E9	8" x 8" Tapping Sleeve and Valve	EA	1	\$6,588.00	\$6,588.00
E10	12" x 12" Tapping Sleeve and Valve	EA	1	\$9,319.00	\$9,319.00
E11	12" Gate Valve And Box	EA	7	\$2,521.00	\$17,647.00
E12	Fire Hydrant Assembly	EA	12	\$5,411.00	\$64,932.00
E13	Remove and Replace Existing 1" Dia. Water Service	EA	4	\$1,228.00	\$4,912.00
E14	Relocate Existing Water Meter	EA	1	\$601.00	\$601.00
E15	Remove And Replace Existing Concrete Sidewalk	SF	37	\$6.85	\$253.45
E16	Concrete Driveway Repair	SF	1537	\$13.35	\$20,518.95
E17	Asphalt Pavement Repair	SY	655	\$105.00	\$68,775.00
E18	Concrete Valley Gutter Repair	SF	52	\$34.48	\$1,792.96
E19	Proposed Header Curb	LF	14	\$41.39	\$579.46
E20	Adjust Water Valve to Finish Grade	EA	1	\$783.00	\$783.00
E21	Allowance For Unanticipated Water Improvements (MANDATORY)	AL	1	\$25,000.00	\$25,000.00

Part F - WASTEWATER IMPROVMENTS								
No.	Description	Unit	Qty	Unit Price	Ext Price			
F1	Mobilization (5% Max. Part G)	LS	1	\$75,000.00	\$75,000.00			
				-				

F2	Bypass Pumping of Raw Sewerage	LS	1	\$2,203.00	\$2,203.00
F3	8" Dia. PVC (SDR 26) Wastewater Gravity Line (10'-12' Depth)	LF	17	\$185.00	\$3,145.00
F4	24" Dia. PVC (SDR 26) Wastewater Gravity Line (14'-16' Depth)	LF	465	\$198.00	\$92,070.00
F5	24" Dia. PVC (SDR 26) Wastewater Gravity Line (16'-18' Depth)	LF	2538	\$284.00	\$720,792.00
F6	24" Dia. PVC DR 18 (Green) (14'-16' Depth)	LF	850	\$210.00	\$178,500.00
F7	Trench Safety for Wastewater Lines	LF	3870	\$10.00	\$38,700.00
F8	Well Pointing (Dewatering)	LF	3870	\$35.50	\$137,385.00
F9	8" Dia. Plug	EA	4	\$171.00	\$684.00
F10	5' Dia. Fiberglass Manhole (< 6' Depth)	EA	13	\$11,000.00	\$143,000.00
F11	Extra Depth for 5' Dia. Manhole (Over 6' Depth)	VF	133	\$1,100.00	\$146,300.00
F12	Adjust Existing Wastewater Manhole to Finish Grade	EA	1	\$2,650.00	\$2,650.00
F13	Trench Safety for Wastewater Manhole	EA	13	\$1,000.00	\$13,000.00
F14	Allowance For Unanticipated Wastewater Improvements (MANDATORY)	AL	1	\$20,000.00	\$20,000.00
	· · ·			Subtot	al: \$1,573,429.00

Part G - I.T. IMPROVEMENTS								
No.	Description	Unit	Qty	Unit Price	Ext Price			
G1	Mobilization (5% Max. Part G)	LS	1	\$3,780.00	\$3,780.00			
G2	2" PVC Schedule 40 l.T. Conduit with Mule Tape	LF	3803	\$13.00	\$49,439.00			
G3	24"x36"x24" Pull box	EA	7	\$2,664.00	\$18,648.00			
Subtotal: \$71,867.00								