

**STANDARD UTILITY AGREEMENT
SUPPLEMENTAL AGREEMENT NO. 1 TO U-15129**

District: San Antonio
Federal Project No.: NH 1702(845)/NH 1702(844)
ROW CSJ: 0072-06-080/0072-06-78
Proposed Highway Project Letting Date: March 2018

County: Kendall
Highway: IH 10
From: SH 46
To: Scenic Loop Rd

THIS SUPPLEMENTAL AGREEMENT by and between the State of Texas ("**State**") and City of Boerne - Water, Wastewater ("**Utility**") shall be effective upon the date of acceptance and execution by and on behalf of the **State**.

WHEREAS, the **State** and **Utility** executed a Standard Utility Agreement on December 22, 2017 concerning the adjustment, relocation or removal of certain of **Utility's** facilities;

WHEREAS, said Standard Utility Agreement limits the required scope of work and/or the amount of eligible reimbursement;

WHEREAS, due to newly discovered information by the **Utility** deemed sufficient by the **State**, the **State** and **Utility** agree that supplementation to the Standard Utility Agreement is necessary; and

WHEREAS, the statement of work contained in the Standard Utility Agreement shall be supplemented to include: City inspection and 3rd party testing, and City Administration costs, which is more specifically shown in **Utility's** plans, specifications, estimated costs and schedule which are attached to this supplemental agreement as Attachment "A".

NOW, THEREFORE, BE IT AGREED:

The statement of work contained in the Standard Utility Agreement is supplemented to include the additional adjustment, relocation or removal found in Attachment "A".

The estimated cost of the adjustment, relocation or removal is increased decreased to a total of \$802,364.76. The parties agree that the approval of estimated costs in no way indicates the eligibility of said costs for reimbursement.

All conditions and agreements contained in the Standard Utility Agreement except those specifically included in this document remain in effect.

The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

Initial Date
TxDOT

Initial Date
Utility

UTILITY

Utility: City of Boerne - Water & Wastewater

By: _____

Title: _____

Date: _____

EXECUTION RECOMMENDED:

Director of TP&D (or designee), San Antonio
District

THE STATE OF TEXAS

Executed and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

By: _____
District Engineer (or designee)

Date: _____

Initial Date
TxDOT

Initial Date
Utility

ATTACHMENT "A"

U15129

City of Boerne - Water/Wastewater

Kendall County

Federal Project Number: N/A

ROW CSJ: 0072-06-078, 0072-06-080

Const. CSJ: 0072-06-075, 0072-06-076

Roadway - IH 10

From: SH 46

To: Scenic Loop Rd.

Utility Plans and Estimated Cost

- | | | |
|-------------------------------------|---|-----------------|
| ☒ | Plan & Profile Drawings | |
| | Included--see attached 8 1/2" x 11", or 11" x 17" | Sheet 1 thru 32 |
| | (Only these Size Sheets will be Accepted) | |
|
 | | |
| ☒ | Estimated Cost | |
| | Included--see attached Cost Estimate | Sheet 1 thru 4 |

**In Kind Estimate
To be Paid by TxDOT Through Highway Contract**

**ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS (IN-KIND)
IH-10 W, FROM SH-46 TO SCENIC LOOP
CITY OF BOERNE**

DATE: 12/8/2018
PREPARED BY: HALFF ASSOC., INC.
TxDOT CSJ. NO: 0072-06-075, 076

PAY ITEM NO	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	ITEM COSTS	SUB-TOTALS
7XXX-XXXX*	CASING (BORE) (24" DIA. STEEL PIPE 3/8" THICK)	LF	271	\$580.00	\$157,180.00	\$157,180.00
7XXX-XXXX*	CASING (OPEN CUT) (24" DIA. STEEL PIPE 3/8" THICK)	LF	149.5	\$295.00	\$44,102.50	\$44,102.50
7XXX-XXXX	TRENCH EXCAVATION PROTECTION	LF	1,353	\$2.50	\$3,382.50	\$3,382.50
7XXX-XXXX*	PIPE WATER MAIN (DI), (12" DIA. CLASS 250, ALL DEPTHS)	LF	600	\$72.00	\$43,200.00	\$43,200.00
7XXX-XXXX	TIE-IN (COMPLETE) (12" DIA. X 12" DIA.)	EA	8	\$1,800.00	\$14,400.00	\$14,400.00
7XXX-XXXX	RELOCATE EXISTING FIRE HYDRANT	EA	1	\$2,100.00	\$2,100.00	\$2,100.00
7XXX-XXXX*	DUCTILE IRON FITTINGS (4" THROUGH 24")	TON	2.3	\$14,000.00	\$32,200.00	\$32,200.00
7XXX-XXXX*	GATE VALVE & BOX (COMPLETE)(12")	EA	2	\$2,300.00	\$4,600.00	\$4,600.00
7XXX-XXXX*	TAPPING SLEEVE, VALVE & BOX (COMPLETE)(16"X6")	EA	1	\$2,900.00	\$2,900.00	\$2,900.00
7XXX-XXXX	INLINE INSERT VALVE & BOX (COMPLETE) (12")	EA	1	\$16,000.00	\$16,000.00	\$16,000.00
7XXX-XXXX	INLINE INSERT VALVE & BOX (COMPLETE) (16")	EA	1	\$29,500.00	\$29,500.00	\$29,500.00
7XXX-XXXX	ADJUST EXIST. VALVE BOX	EA	6	\$700.00	\$4,200.00	\$4,200.00
7XXX-XXXX	ADJUST EXIST. FIRE HYDRANTS	EA	9	\$900.00	\$8,100.00	\$8,100.00
7XXX-XXXX	SAN SWR (8" DIA. ASTM D3034, SDR-26 PVC, ALL DEPTHS, INC. EXCAVATION & BACKFILL)	LF	959	\$54.00	\$51,786.00	\$51,786.00
7XXX-XXXX	SANITARY SEWER (LATERAL PIPE) (6")	LF	5	\$40.00	\$200.00	\$200.00
7XXX-XXXX	SAN SWR PRE-CAST MANHOLE (COMPLETE) (4FT DIA.)	EA	4	\$8,600.00	\$34,400.00	\$34,400.00
7XXX-XXXX	SANITARY SEWER (ADJUST MANHOLE)	EA	3	\$2,800.00	\$8,400.00	\$8,400.00
7XXX-XXXX	SAN SWR BYPASS PUMPING	LS	1	\$8,000.00	\$8,000.00	\$8,000.00
0420-6002	CL A CONC (MISC)	CY	1.4	\$315.00	\$441.00	\$441.00
* INDICATES "BUY AMERICAN" ITEMS				Section Total	\$465,092.00	
				Engineering Contract	\$138,259.67	
				City of Boerne Costs	\$24,131.00	
				Overall Total	\$627,482.67	

This statement was prepared utilizing standard cost estimate practices. It is understood and agreed that this is an estimate only, and that Engineer shall not be held liable to Owner or third party for any failure to accurately estimate the cost of the project, or any part thereof. Unit prices are in current dollars and should be adjusted as required when letting schedule for project is determined.

Joint Bid Engineering Estimate

Date: 12/14/2018

TASK / DESCRIPTION	PROJECT MANAGER	SR PE	SR ENG TECH	CADD / GIS TECH	SUE TEST HOLE	CLERICAL / ADMIN	TOTAL MAN-HOURS	LABOR CHARGES (BACK CHECK)	TOTAL COST FOR TASK (INCL. MULTS)
PH1 PROJECT STARTUP & MANAGEMENT & COORDINATION									
PROGRESS MANAGEMENT	22.0	16.0				10.0	48	\$8,268.06	\$8,268.06
SUBTOTAL HOURS/COSTS	22	16				10	48	\$8,268.06	\$8,268.06
PH2 DATA COLLECTION AND REVIEW									
TASK DATA ACQUISITION		8.0	24.0				32	\$4,088.08	\$4,088.08
TASK ISSUE		4.0	6.0		10.0		20	\$14,376.72	\$14,376.72
SUBTOTAL HOURS/COSTS		12	30		10		52	\$18,464.80	\$18,464.80
PH3 PRE DESIGN PHASE									
PRELIM DESIGN	2.0	12.0	24.0	40.0			78	\$8,237.04	\$8,237.04
OPCC Estimates	2.0	10.0	10.0				22	\$3,319.26	\$3,319.26
Alternatives to Boerne	2.0	8.0	10.0	20.0			40	\$4,467.56	\$4,467.56
SUBTOTAL HOURS/COSTS	6	30	44	60			140	\$16,023.86	\$16,023.86
PH4 DESIGN PHASE									
Task 1 60% CONSTRUCTION PLANS & SUBMITTAL	3.0	20.0	100.0	60.0			183	\$19,828.34	\$19,828.34
Task 2 90% CONSTRUCTION PLANS & SUBMITTAL	3.0	20.0	80.0	60.0			163	\$17,603.94	\$17,603.94
Task 3 CONSTRUCTION BID PLANS & SPECIFICATIONS	3.0	40.0	40.0	40.0			123	\$15,199.14	\$15,199.14
SUBTOTAL HOURS/COSTS	9	80	220	160			469	\$52,631.42	\$52,631.42
PH5 CONSTRUCTION ADMINISTRATION & PROJECT CLOSE OUT									
TASK SHOP DRAWINGS & SUBMITTALS		10.0	20.0				30	\$3,997.90	\$3,997.90
TASK RFI'S		10.0	20.0				30	\$3,997.90	\$3,997.90
TASK REVIEW OF CONTRACTORS CHANGES		10.0	12.0				22	\$3,108.14	\$3,108.14
TASK CONSTRUCTION MEETINGS/SITE VISITS		18.0			36.0		54	\$5,572.93	\$5,572.93
TASK RECORD DRAWINGS	1.0	2.0	8.0	16.0			27	\$2,663.64	\$2,663.64
SUBTOTAL HOURS/COSTS	1	50	60	16	36		163	\$19,340.56	\$19,340.56
SUPPLEMENTAL #2									
60% CONSTRUCTION DOCS			6.5	13.0	0.5		20	\$1,732.95	\$1,732.95
95% CONSTRUCTION DOCS	4.0	17.0	31.5	60.5	1.0		114	\$11,998.21	\$11,998.21
SUBTOTAL HOURS/COSTS	4	17	38	73.5	1.5		134	\$13,731.15	\$13,731.15
SPECIAL SERVICES									
SUPPLEMENTAL #3									
BID CONSTRUCTION DOCS	1.0	6.0	32.0	66.0			105	\$9,799.82	\$9,799.82
SUBTOTAL HOURS/COSTS	1	6	32	66			105	\$9,799.82	\$9,799.82
FEE SUMMARY									
PH1 PROJECT STARTUP & MANAGEMENT & COORDINATION	22	16				10	48	\$8,268.06	\$8,268.06
PH2 DATA COLLECTION AND REVIEW		12	30		10		52	\$18,464.80	\$18,464.80
PH3 PRE DESIGN PHASE	6	30	44	60			140	\$16,023.86	\$16,023.86
PH4 DESIGN PHASE	9	80	220	160			469	\$52,631.42	\$52,631.42
PH5 CONSTRUCTION ADMINISTRATION & PROJECT CLC	1	50	60	16	36		163	\$19,340.56	\$19,340.56
SUPPLEMENTAL #2	4	17	38	73.5	1.5		134	\$13,731.15	\$13,731.15
SUPPLEMENTAL #3	1	6	32	66			105	\$9,799.82	\$9,799.82
TOTAL HOURS	43	211	424	375.5	10	47.5	1111		\$138,259.67
CONTRACT RATES (\$)	\$216.78	\$177.35	\$111.22	\$75.15	\$1,300.00	\$68.13			
BASE RATES & REIMB'S TOTAL	\$9,321.54	\$37,420.85	\$47,157.28	\$28,218.83	\$13,000.00	\$3,141.18		\$138,259.67	\$138,259.67
TOTAL BY CATEGORY	6.7%	27.1%	34.1%	20.4%	9.4%	2.3%	100%	\$138,259.67	\$138,259.67
TOTAL FEE								\$138,259.67	\$138,259.67

City of Boerne Costs

CITY OF BOERNE ADMIN COST (Paid by COB to be Reimbursed by TxDOT)

Estimated Costs for Water/Wastewater Relocation		City Engineer	Operations Admin	Sr. Const. Insp.	Project Admin	PW Inspector	Total Hours
Design/Agreement Development	PM/Administration	25	8	5	5		43
	PM/Administration	15	18		2		35
	Submittal Review	5		5			10
	Field Inspection			50		12	62
Total Hours		45	26	60	7	12	150
Rate		\$74.00	\$67.00	\$56.00	\$43.00	\$32.00	
Cost		\$3,330.00	\$1,742.00	\$3,360.00	\$301.00	\$384.00	
Sub-Total							\$9,117.00

Construction Phase Special Services (Paid by COB to be Reimbursed by TxDOT)

3rd Party Contracted Lab Services -W & WW(1)	\$15,014.00
Sub-Total	\$15,014.00

1) Detailed Cost Breakdown Attached

Total COB Costs	\$24,131.00
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Proposal No. PSD18-071-00
June 13, 2018

Mr. Ryan Bass
Capital Projects Administrator
City of Boerne
402 East Blanco Road
Boerne, TX 78006

RE: Construction Materials Observation and Testing Services
I-10 Water and Wastewater Relocation
Boerne, Texas



12821 W. Golden Lane
San Antonio, TX 78249
P.O. Box 690287
San Antonio, TX 78269-0287
www.rkci.com

P 210.699.9090
F 210.699.6426
TAFE Firm F-3257

Dear Mr. Bass:

Thank you for selecting Raba Kistner Consultants, Inc. (RKCI) as your Construction Materials Testing Company on the I-10 Water and Wastewater Relocation project located in Boerne, Texas.

Our opinion of probable cost of service for this project is \$15,014.00.

Our proposed scope of services and estimated item quantities are based upon our interpretation of the project plans, specifications. The scope and quantity of services provided will be dependent upon services actually required by you or your representatives. Charges will be assessed only for actual services rendered. All services authorized are requested by you or your representatives in excess of the quantities of observation and testing services shown herein will be charged at the appropriate unit rate for such services. Charges will be invoiced on a monthly basis and will show a computerized composite total of services rendered for each service category.

Invoices will be submitted monthly for work in progress in our standard format. All parties hereby agree that this contract upon acceptance will be performable in Kendall County, Texas. In the event that the State of Texas legislates a sales tax on professional services, the amount of tax applicable will be added to the appropriate service rate charged by Raba Kistner Consultants, Inc.

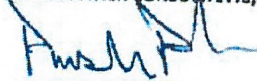
We appreciate the opportunity of submitting this proposal and look forward to working with you in the development of this project, which will be carried out in accordance with this letter and the following attachments:

<u>Attachment</u>	<u>Description</u>
I	Standard Terms and Conditions
II	Schedule of Fees

Please return one signed copy of this letter contract to provide written authorization for our firm to complete work on the services outlined herein. Our invoices are due and payable upon receipt at P.O. Box 971037, Dallas, Texas 75397-1037

Very truly yours,

RABA KISTNER CONSULTANTS, INC.

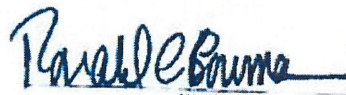

Preston S. Parker, P.E., PMP
Vice President

PSP/dgp

Attachments

Copies submitted: Above (1)

Accepted By


(Signature)

Ronald C. Bowman
(Typed or Printed Name)

City Manager
(Title)

Date

7/5/18

Proposal No. PSD18-071-00
June 13, 2018

ATTACHMENT II

**Proposed Materials and Observation Services for
I-10 Water and Wastewater Relocation
Boerne, Texas**

Basic Charges

1. A vehicle travel charge will be assessed for round trip travel from our office to the project site, material supplier, etc. and back to our office. The charges for travel from our office to the project site and return to our office will be as follows:

Travel Time (Round Trip)	1.00 Hour
Vehicle Travel Charge	\$ 35.00 Trip

2. Service charges are based on the hourly rates stated herein and will be assessed from the time the Engineer or Technician leaves our office until he returns from the project.
3. Any engineering and/or technical services provided on Saturday, Sunday, Holidays and all work performed outside of "normal" work hours, as stated herein, Monday through Friday, will be charged at an overtime rate multiplier of 1.4 times the hourly rate. Our total cost of services is based upon the assumption most services will be provided during "normal" work hours. Providing an excessive amount of services during days and/or hours requiring overtime rates may significantly increase the total cost of services shown herein.
4. "Normal" work hours are between 7:00 a.m. and 6:00 p.m., including travel time to and from the site. Overtime charges will be assessed after eight (8) continuous hours of services rendered during "normal" work hours.
5. Minimum 2.0 hours billed per visit to project site.
6. RKCI will utilize the on-site initial field curing facilities provided by the contractor. The cost of providing and maintaining these initial curing facilities is not included in our proposal.

Proposal No. PSD18-071-00
June 13, 2018

2

Service	Unit Rate	Quantity	Total
Earthwork:			
1. Moisture-Density Relationship (Proctor)	\$ 291.00/ea	5	\$ 1,455.00✓
2. Atterberg Limits Determination (P.I.)	97.00/ea	5	485.00✓
3. Sieve Analysis, Shrinkage Limit, pH	97.00/ea	5	485.00✓
4. Nuclear Density Gauge	35.00/trip	40	1,400.00✓
5. Technician Time-Density Testing	55.00/hr	115	6,325.00✓
6. Vehicle Travel Charge	35.00/trip	40	1,400.00✓
Sub-Total			\$ 11,550.00✓
Concrete/Flowable Fill:			
1. Concrete Compressive Strength Tests	\$ 22.00/ea	32	\$ 704.00✓
2. Technician Time-Cylinder Casting and Pick-Up Specimen(s)	55.00/hr	40	2,200.00✓
3. Vehicle Travel Charge	35.00/trip	16	560.00✓
Sub-Total			\$ 3,464.00✓
Estimated Total Cost of Services			\$ 15,014.00✓

**WORK PERFORMED BY COB CONTRACTOR
TO BE PAID FOR BY COB AND REIMBURSED BY TXDOT (FORCE BETTERMENT)**

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS UPPER BALCONES ROAD WATERMAIN IMPROVEMENTS CITY OF BOERNE						
					DATE: 8/21/2018	
					PREPARED BY: HALFF ASSOC., INC.	
LINE ITEM NO.	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	ITEM COSTS	SUB-TOTALS
1	CUT & REPLACE HMAC PAVEMENT (TYP C) (INC. BASE) (7-12" THICKNESS)	SY	12	\$14.00	\$168.00	\$168.00
2	FLOWABLE FILL (PAVEMENT REPAIR)	CY	24	\$135.00	\$3,240.00	\$3,240.00
3	PREPARE RIGHT OF WAY	STA	7	\$2,500.00	\$17,500.00	\$17,500.00
4	PIPE, 8" DIA. PVC SDR-14 (ALL DEPTHS)	LF	716	\$65.00	\$46,540.00	\$46,540.00
5*	PIPE FITTINGS (ALL DEPTHS)	TON	0.4	\$14,000.00	\$5,600.00	\$5,600.00
6*	8" GATE VALVE & BOX	EA	6	\$2,100.00	\$12,600.00	\$12,600.00
7*	TIE-IN (COMPLETE) (8" X 8")	EA	2	\$3,000.00	\$6,000.00	\$6,000.00
8	DEMO EXISTING CULVERT RIP RAP	SY	3	\$20.00	\$60.00	\$60.00
9	PROPOSED CONCRETE RIP RAP (4000 PSI)	SY	3	\$350.00	\$1,050.00	\$1,050.00
10	TEMP SDMT CONT FENCE (INSTALL)	LF	667	\$2.25	\$1,500.75	\$1,500.75
11	TEMP SDMT CONT FENCE (REMOVE)	LF	667	\$0.50	\$333.50	\$333.50
12	TRENCH EXCAVATION PROTECTION	LF	716	\$2.05	\$1,467.80	\$1,467.80
13	SEEDING FOR EROSION CONTROL, NATIVE GRASS	SY	300	\$1.70	\$510.00	\$510.00
14	EROSION CONTROL LOG	LF	15	\$10.00	\$150.00	\$150.00
15	TRAFFIC CONTROL	MO	1	\$5,000.00	\$5,000.00	\$5,000.00
16	MANUAL BLOW OFF	EA	2	\$1,900.00	\$3,800.00	\$3,800.00
17	MOBILIZATION	LS	1	\$10,552.01	\$10,552.01	\$10,552.01
18	PROJECT SIGNS	EA	2	\$900.00	\$1,800.00	\$1,800.00
					Section Total	\$117,872.06
					Engineering Contract	\$46,981.53
					Material Testing	\$2,360.00
					City Services	\$7,668.50
					Overall Total	\$174,882.09
* INDICATES "BUY AMERICAN" ITEMS						

This statement was prepared utilizing standard cost estimate practices. It is understood and agreed that this is an estimate only, and that Engineer shall not be held liable to Owner or third party for any failure to accurately estimate the cost of the project, or any part thereof. Unit prices are in current dollars and should be adjusted as required when letting schedule for project is determined.

Note: Forced Betterment will be done by Option A which is listed in the statement covering Utility Construction Contract Work as solicitation for bids through open advertising.

Forced Betterment Engineering Estimate

Date: 11/19/2018

TASK / DESCRIPTION		PROJECT MANAGER	SR PE	DESIGN ENGINEER	SR ENG TECH	CADD / GIS TECH	SURVEY / SUE MANAGER	SURVEY/ SUE TECH	CLERICAL / ADMIN	TOTAL MAN- HOURS	LABOR CHARGES (BACK CHECK)	TOTAL COST FOR TASK (INCL MULT'S)
PH1	PROJECT STARTUP & MANAGEMENT & COORDINATION	1.0	10.0							11	\$1,990.28	\$1,990.28
	SUBTOTAL HOURS/COSTS	1	10							11	\$1,990.28	\$1,990.28
PH2	SURVEY					12.0	8.0	24.0	4.5	48.5	\$5,002.91	\$5,002.91
	SUBTOTAL HOURS/COSTS					12	8	24	4.5	48.5	\$5,002.91	\$5,002.91
PH3	DESIGN PHASE	10.0	40.0	40.0	80.0	91.0			1	262	\$29,993.78	\$29,993.78
	SUBTOTAL HOURS/COSTS	10	40	40	80	91			1	262	\$29,993.78	\$29,993.78
PH4	CONSTRUCTION ADMINISTRATION & PROJECT CLOSE OUT	8.0	20.0		40.0				4.0	72	\$9,994.56	\$9,994.56
	SUBTOTAL HOURS/COSTS	8	20		40				4	72	\$9,994.56	\$9,994.56
FEE SUMMARY												
PH1	PROJECT STARTUP & MANAGEMENT & COOR	1	10							11	\$1,990.28	\$1,990.28
PH2	SURVEY					12	8	24	4.50	48.5	\$5,002.91	\$5,002.91
PH3	DESIGN PHASE	10	40	40	80	91			1	262	\$29,993.78	\$29,993.78
PH4	CONSTRUCTION ADMINISTRATION & PROJECT	8	20		40				4	72	\$9,994.56	\$9,994.56
	TOTAL HOURS	19	70	40	120	103	8	24	9.5	393.5		\$46,981.53
	CONTRACT RATES (\$)	\$216.78	\$177.35	\$123.24	\$111.22	\$75.15	\$159.54	\$105.30	\$66.13			
	BASE RATES & REIMB'S TOTAL	\$4,118.82	\$12,414.50	\$4,929.60	\$13,346.40	\$7,740.45	\$1,276.32	\$2,527.20	\$628.24		\$46,981.53	\$46,981.53
	TOTAL BY CATEGORY	8.8%	26.4%	10.5%	28.4%	16.5%	2.7%	5.4%	1.3%	100%	\$46,981.53	\$46,981.53
	TOTAL FEE										\$46,981.53	\$46,981.53

InTEC of San Antonio
12028 Radium St
San Antonio TX 78216



City of Boerne
Ryan Bass
402 E. Blanco
Boerne TX 78006

520-189000
SDTLO
6/14/2018

Invoice # S182001
Invoice Date June 13, 2018
Balance Due (USD) \$2,360.00

Item	Description	Unit Cost	Quantity	Line Total
	Construction Materials Testing	0.00	0	0.00
	Waterline Installation - Backfill Compaction			
	Upper Balcones Road Waterline Improvements			
	Boerne, Texas			
Proctors	Pick up and Lab Analysis (4 samples)	960.00	1	960.00
Compaction	Waterline (4 trips)	720.00	1	720.00
Concrete	Pours (2)	680.00	1	680.00
Total				2,360.00
Amount Paid				0.00
Balance Due (USD)				\$2,360.00

Terms

Due upon receipt. If you have sent a payment and we have not received it yet, the system may send a late payment reminder. If this happens, please disregard the reminder.

This invoice was sent us by FRESHBOOKS

PAYMENT STUB

InTEC of San Antonio
12028 Radium St
San Antonio TX 78216

To Pay Your Invoice Online

Go to <https://intec-billing.freshbooks.com/code> and enter the code **saKrq9eeCnVubeZ**

Client	City of Boerne
Client Phone	830-248-1538
Invoice #	S182001
Invoice Date	June 13, 2018
Balance Due (USD)	\$2,360.00
Amount Enclosed	

City of Boerne Public Works Staff Time

Project: Upper Balcones Waterline Improvement

Staff	Task	Date	Time (hrs)	Rate	Subtotal
Inspector	Pre Construction	2/26/18	1.00	\$32.00	\$32.00
Inspector	Pre-con Photos	2/26/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	2/27/18	0.50	\$32.00	\$16.00
Inspector	Onsite Meeting TCP	2/28/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections, County TCP	3/1/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	3/2/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	3/5/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	3/6/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	3/7/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	3/8/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	3/9/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	3/12/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	3/13/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	3/15/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	3/16/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	3/19/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	3/20/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	3/21/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	3/22/18	1.00	\$32.00	\$32.00
Inspector	Loading Line and attempt of hydrostatic test	3/23/18	6.00	\$32.00	\$192.00
Inspector	Chlorination and hydrostatic testing	3/26/18	4.00	\$32.00	\$128.00
Inspector	Dechlorination	3/27/18	1.50	\$32.00	\$48.00
Inspector	Bacterial sampling	3/28/18	1.00	\$32.00	\$32.00
Inspector	Rain day. Erosion control check	3/29/18	0.50	\$32.00	\$16.00
Inspector	Water Tie-in at station 7+62	4/2/18	6.00	\$32.00	\$192.00
Inspector	Water Tie-in at station 1+00	4/3/18	5.00	\$32.00	\$160.00
Inspector	Field Inspections	4/4/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	4/6/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	4/9/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	4/10/18	0.50	\$32.00	\$16.00
Inspector	Field Inspections	4/11/18	1.00	\$32.00	\$32.00

Inspector	Paving	4/12/18	1.50	\$32.00	\$48.00
Inspector	Blow-off Installation	4/13/18	1.00	\$32.00	\$32.00
Inspector	Field Inspections	4/16/18	0.50	\$32.00	\$16.00
Inspector	Preliminary Walkthrough	4/17/18	0.50	\$32.00	\$16.00
Inspector	Field meeting with County Road and Bridge	4/19/18	0.50	\$32.00	\$16.00
Inspector	Punch List Development and Submittal to Contractor	4/23/18	1.00	\$32.00	\$32.00
Inspector	Blow-off Installation at Station 1+38	5/29/18	1.00	\$32.00	\$32.00
Inspector	Revegetation, Construction Completion	5/30/18	0.50	\$32.00	\$16.00
Sr. Inspector	Onsite Meeting TCP	2/28/18	0.50	\$56.00	\$28.00
Sr. Inspector	Field Inspections, County TCP	3/1/18	0.50	\$56.00	\$28.00
Sr. Inspector	Preliminary Walkthrough	4/17/18	0.50	\$56.00	\$28.00
Project Administrator	HALFF/HALFF Tritex Payment Request Processing	9/19/17	1.00	\$43.00	\$43.00
Project Administrator	HALFF/HALFF Tritex Payment Request Processing	10/4/17	1.00	\$43.00	\$43.00
Project Administrator	Design / Specification Coordination 90%	11/3/17	0.50	\$43.00	\$21.50
Project Administrator	HALFF/HALFF Tritex Payment Request Processing	11/16/17	1.00	\$43.00	\$43.00
Project Administrator	Conference Call with Halff	11/17/17	0.50	\$43.00	\$21.50
Project Administrator	Design / Specification Coordination 90%	11/17/17	0.50	\$43.00	\$21.50
Project Administrator	Design / Specification Coordination 90%	11/20/17	0.50	\$43.00	\$21.50
Project Administrator	Design / Specification Coordination 90%	12/4/17	1.00	\$43.00	\$43.00
Project Administrator	Design / Specification Coordination 90%	12/13/17	0.75	\$43.00	\$32.25
Project Administrator	Advertisement for Bid	12/19/17	0.25	\$43.00	\$10.75
Project Administrator	HALFF/HALFF Tritex Payment Request Processing	12/20/17	0.50	\$43.00	\$21.50
Project Administrator	Develop/Issue Agreement	1/2/18	0.50	\$43.00	\$21.50
Project Administrator	Design / Specification Coordination 100%	1/5/18	1.50	\$43.00	\$64.50
Project Administrator	Pre-Bid Meeting	1/10/18	0.50	\$43.00	\$21.50
Project Administrator	Deadline for Questions	1/12/18	0.50	\$43.00	\$21.50
Project Administrator	Project Management	1/12/18	2.00	\$43.00	\$86.00
Project Administrator	Issue Addenda	1/15/18	0.50	\$43.00	\$21.50
Project Administrator	Bid Opening	1/18/18	2.00	\$43.00	\$86.00
Project Administrator	Bid Review	1/19/18	1.00	\$43.00	\$43.00
Project Administrator	Project Management	1/22/18	1.00	\$43.00	\$43.00
Project Administrator	Project Management - Bid Tabulation Review	1/22/18	1.00	\$43.00	\$43.00
Project Administrator	Project Management - Halff Conference Call	1/22/18	1.00	\$43.00	\$43.00
Project Administrator	Project Management - Call, TXDOT	1/23/18	1.00	\$43.00	\$43.00

Project Administrator	HALFF/HALFF Tritex Payment Request Processing	1/30/18	0.50	\$43.00	\$21.50
Project Administrator	Council AIS	2/2/18	0.50	\$43.00	\$21.50
Project Administrator	Project Management	2/12/18	0.50	\$43.00	\$21.50
Project Administrator	Notice of Award	2/14/18	0.50	\$43.00	\$21.50
Project Administrator	Notice to Proceed	2/20/18	1.50	\$43.00	\$64.50
Project Administrator	Pre-Construction Meeting Coordination	2/20/18	1.00	\$43.00	\$43.00
Project Administrator	JBS Certificate of Insurance Review/Revisions	2/21/18	0.75	\$43.00	\$32.25
Project Administrator	Pre-Construction Meeting Minutes	2/21/18	0.50	\$43.00	\$21.50
Project Administrator	Project Management, Call with HALFF	2/22/18	0.50	\$43.00	\$21.50
Project Administrator	RFI_01	2/23/18	0.50	\$43.00	\$21.50
Project Administrator	Develop NTP	2/24/18	1.00	\$43.00	\$43.00
Project Administrator	HALFF/HALFF Tritex Payment Request Processing	2/26/18	0.25	\$43.00	\$10.75
Project Administrator	Issue NTP	2/26/18	1.00	\$43.00	\$43.00
Project Administrator	Precon	2/26/18	0.50	\$43.00	\$21.50
Project Administrator	Design / Specification Coordination 100%	2/27/18	0.50	\$43.00	\$21.50
Project Administrator	RFI_02	2/27/18	0.50	\$43.00	\$21.50
Project Administrator	RFI_03	2/28/18	1.00	\$43.00	\$43.00
Project Administrator	RFI_04	3/2/18	0.50	\$43.00	\$21.50
Project Administrator	RFI_05	3/2/18	0.50	\$43.00	\$21.50
Project Administrator	Project Management	3/5/18	2.00	\$43.00	\$86.00
Project Administrator	Change Proposal_01	3/7/18	1.00	\$43.00	\$43.00
Project Administrator	Change Order_01	3/21/18	1.00	\$43.00	\$43.00
Project Administrator	HALFF/HALFF Tritex Payment Request Processing	3/27/18	1.00	\$43.00	\$43.00
Project Administrator	Request for Payment_01	4/4/18	1.00	\$43.00	\$43.00
Project Administrator	Request for Payment_02	5/2/18	3.00	\$43.00	\$129.00
Project Administrator	Project As-Built Plan Review	6/11/18	0.50	\$43.00	\$21.50
Project Administrator	Project Closeout Coordination Document Preparation	6/12/18	1.00	\$43.00	\$43.00
Project Administrator	Request for Payment_03	6/12/18	0.50	\$43.00	\$21.50
Project Administrator	Final Acceptance Letter	6/13/18	2.00	\$43.00	\$86.00
Project Administrator	Issue Final Project Closeout Documents and Payment	6/14/18	2.00	\$43.00	\$86.00
City Engineer	HALFF/HALFF Tritex Payment Request Processing	9/19/17	0.25	\$74.00	\$18.50
City Engineer	HALFF/HALFF Tritex Payment Request Processing	10/4/17	0.50	\$74.00	\$37.00
City Engineer	Design / Specification Coordination 90%	11/3/17	0.25	\$74.00	\$18.50
City Engineer	Design / Specification Coordination 90%	11/13/17	0.75	\$74.00	\$55.50

City Engineer	HALFF/HALFF Tritex Payment Request Processing	11/16/17	1.00	\$74.00	\$74.00
City Engineer	Conference Call with Halff	11/17/17	0.50	\$74.00	\$37.00
City Engineer	Design / Specification Coordination 90%	11/17/17	0.50	\$74.00	\$37.00
City Engineer	Design / Specification Coordination 90%	11/20/17	0.50	\$74.00	\$37.00
City Engineer	Design / Specification Coordination 90%	12/4/17	0.25	\$74.00	\$18.50
City Engineer	Design / Specification Coordination 90%	12/13/17	0.75	\$74.00	\$55.50
City Engineer	HALFF/HALFF Tritex Payment Request Processing	12/20/17	0.25	\$74.00	\$18.50
City Engineer	Develop/Issue Agreement	1/2/18	0.50	\$74.00	\$37.00
City Engineer	Design / Specification Coordination 100%	1/5/18	1.00	\$74.00	\$74.00
City Engineer	Pre-Bid Meeting	1/10/18	0.50	\$74.00	\$37.00
City Engineer	Deadline for Questions	1/12/18	0.50	\$74.00	\$37.00
City Engineer	Project Management	1/12/18	1.00	\$74.00	\$74.00
City Engineer	Issue Addenda	1/15/18	0.50	\$74.00	\$37.00
City Engineer	Bid Opening	1/18/18	0.50	\$74.00	\$37.00
City Engineer	Project Management - Bid Tabulation Review	1/22/18	1.00	\$74.00	\$74.00
City Engineer	Project Management - Halff Conference Call	1/22/18	1.00	\$74.00	\$74.00
City Engineer	Project Management - Call, TXDOT	1/23/18	0.25	\$74.00	\$18.50
City Engineer	HALFF/HALFF Tritex Payment Request Processing	1/30/18	0.50	\$74.00	\$37.00
City Engineer	Council AIS	2/2/18	0.50	\$74.00	\$37.00
City Engineer	Project Management	2/12/18	0.50	\$74.00	\$37.00
City Engineer	Notice of Award	2/14/18	0.50	\$74.00	\$37.00
City Engineer	Notice to Proceed	2/20/18	0.50	\$74.00	\$37.00
City Engineer	Pre-Construction Meeting Coordination	2/20/18	0.50	\$74.00	\$37.00
City Engineer	JBS Certificate of Insurance Review/Revisions	2/21/18	0.25	\$74.00	\$18.50
City Engineer	Pre-Construction Meeting Minutes	2/21/18	0.50	\$74.00	\$37.00
City Engineer	Project Management, Call with HALFF	2/22/18	1.00	\$74.00	\$74.00
City Engineer	RFL_02	2/23/18	0.25	\$74.00	\$18.50
City Engineer	Develop NTP	2/24/18	0.25	\$74.00	\$18.50
City Engineer	HALFF/HALFF Tritex Payment Request Processing	2/26/18	0.25	\$74.00	\$18.50
City Engineer	Issue NTP	2/26/18	1.50	\$74.00	\$111.00
City Engineer	Precon	2/26/18	1.00	\$74.00	\$74.00
City Engineer	RFL_03	2/27/18	0.50	\$74.00	\$37.00
City Engineer	Design / Specification Coordination 100%	2/28/18	1.00	\$74.00	\$74.00
City Engineer	RFL_04	2/28/18	1.00	\$74.00	\$74.00

City Engineer	RFL_05	3/2/18	1.00	\$74.00	\$74.00
City Engineer	RFL_06	3/2/18	0.50	\$74.00	\$37.00
City Engineer	Project Management	3/5/18	2.00	\$74.00	\$148.00
City Engineer	Change Order_01	3/21/18	0.25	\$74.00	\$18.50
City Engineer	HALFF/HALFF Tritex Payment Request Processing	3/27/18	1.00	\$74.00	\$74.00
City Engineer	Request for Payment_01	4/4/18	1.00	\$74.00	\$74.00
City Engineer	Request for Payment_02	5/2/18	1.00	\$74.00	\$74.00
City Engineer	ChangeProposal_02	6/7/18	0.50	\$74.00	\$37.00
City Engineer	Project As-Built Plan Review	6/11/18	1.00	\$74.00	\$74.00
City Engineer	Project Closeout Coordination Document Preparation	6/12/18	1.00	\$74.00	\$74.00
City Engineer	Request for Payment_03	6/12/18	0.50	\$74.00	\$37.00
City Engineer	Final Acceptance Letter	6/14/18	1.00	\$74.00	\$74.00
City Engineer	Advertisement for Bid	12/19/18	0.50	\$74.00	\$37.00
Operations Administrator	Onsite Meeting TCP	2/28/18	1.00	\$67.00	\$67.00
Operations Administrator	Pre-Construction	5/31/18	1.00	\$67.00	\$67.00
Operations Administrator	Total Daily Inspection Management and Coordination	6/14/18	20.00	\$67.00	\$1,340.00
			153.50	Total	\$7,668.50

Inspections	Hour	Rate	Total
Inspector	48.5	\$32.00	\$1,552.00
Sr. Inspector	1.5	\$56.00	\$84.00
Operations	22	\$67.00	\$1,474.00
Sub-total			\$3,110.00

COB PM	
Proj. Admin	47.5 \$43.00 \$2,042.50
City Engineer	34 \$74.00 \$2,516.00
Sub-total	153.5 \$4,558.50

Total **\$7,668.50**