CITY OF GRAND PRAIRIE

DATE: 10/03/18

FY 18 WATER & WASTEWATER REPLACEMENTS W.O. # 618.110 & 618.124

				ENGINEERS ESTIMATE			Exc	cel 4	Canary (onstruction	Gra-Te	x Utilities
NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	EXTENDED PRICE (NUMBER ONLY)	Unit Pric	е	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
SECTION	ON I-A - SAN ANTONIO WATER LINE IMPROVEMENTS	,	,									
1	Barricading and traffic control, complete in place.	1	LS	\$ 7,000.00	\$ 7,000.00	\$ 5,00	0.00	\$ 5,000.00	\$ 1,230.00	\$ 1,230.00	\$ 1,000.00	\$ 1,000.00
	Site preparation including mobilization, project signs, clearing and											
2	grubbing, structure removals and site cleaning, work fully performed	1	LS									
	as per specifications.			\$ 45,000.00	\$ 45,000.00	\$ 3,50	0.00	\$ 3,500.00	\$ 1,544.00	\$ 1,544.00	\$ 2,500.00	\$ 2,500.00
3	Construction staking, work fully performed as per specifications,	1	LS									
3	compete in place	'	LO	\$ 3,000.00	\$ 3,000.00	\$ 2,50	0.00	\$ 2,500.00	\$ 1,688.00	\$ 1,688.00	\$ 2,500.00	\$ 2,500.00
1	Concrete Truck Washout Area, furnish and install complete in	1	EA									
7	place, as per details and specifications	'	LA	\$ 2,000.00	\$ 2,000.00	\$ 70	0.00	\$ 700.00	\$ 1,500.00	\$ 1,500.00	\$ 500.00	\$ 500.00
5	Maintain Residential Property Access, construct complete in	1	LS									
Ů	place, work fully performed	· ·		\$ 5,000.00	\$ 5,000.00	\$ 4,00	0.00	\$ 4,000.00	\$ 6,000.00	\$ 6,000.00	\$ 1,200.00	\$ 1,200.00
6	8" DR18 C900 PVC Water line, furnish and install by open cut,	656	LF									
	new complete in place, including embedment.	000		\$ 60.00	\$ 39,360.00	\$ 5	2.00	\$ 34,112.00	\$ 70.00	\$ 45,920.00	\$ 52.00	\$ 34,112.00
7	8" DR14 C900 PVC Water line, furnish and install by bore, new	222	LF									
	complete in place.			\$ 120.00	\$ 26,640.00	\$ 9	5.00	\$ 21,090.00	\$ 155.00	\$ 34,410.00	\$ 120.00	\$ 26,640.00
8	8" gate valve and box, remove old, furnish and install new	4	EA									
	complete in place.			\$ 1,500.00	\$ 6,000.00	\$ 1,65	0.00	\$ 6,600.00	\$ 1,600.00	\$ 6,400.00	\$ 1,200.00	\$ 4,800.00
9	6" gate valve and box, remove old, furnish and install new	1	EA									
	complete in place.			\$ 1,100.00	\$ 1,100.00	\$ 1,20	0.00	\$ 1,200.00	\$ 1,300.00	\$ 1,300.00	\$ 1,000.00	\$ 1,000.00
10	Cast Iron of Ductile Iron Fittings, including polywrap lining,	1	TON									
	furnish and install complete in place			\$ 6,000.00	\$ 6,000.00	\$ 2,00	0.00	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 2,500.00	\$ 2,500.00
11	Concrete Encasement for 8" Water Line, furnish and install	102	LF									
	above, below, and around pipe			\$ 33.00			0.00					
12	Connect to Existing Water, furnish, work fully performed	3	EA	\$ 2,000.00			0.00					
13	Sand for Pipe Embedment, furnish and install, as per details	67	CY	\$ 26.00	\$ 1,742.00	\$ 1	5.00	\$ 1,005.00	\$ 60.00	\$ 4,020.00	\$ 10.00	\$ 670.00
14	3/4" Short Water Service, furnish and install, including water meter	11	EA									
	relocation or adjustment if necessary, complete and in place			\$ 800.00	\$ 8,800.00	\$ 55	0.00	\$ 6,050.00	\$ 600.00	\$ 6,600.00	\$ 600.00	\$ 6,600.00
15	3/4" Long Water Service, furnish and install, including water meter	12	EA	4 050 00	40,000,00					40.000.00		40.000.00
	relocation or adjustment if necessary, complete and in place			\$ 1,350.00	\$ 16,200.00	\$ /5	0.00	\$ 9,000.00	\$ 1,000.00	\$ 12,000.00	\$ 1,100.00	\$ 13,200.00
	Cut, plug and abandon existing 6" water main, including plugs											
16	at all cuts for water service connections and flowable fill of sections	850	LF									
	of existing 6" water main to abandon in place, complete and in			\$ 5.00	\$ 4,250.00		5.00	\$ 12,750.00	\$ 22.00	\$ 18,700.00	\$ 3.00	\$ 2,550.00
	place, work fully performed. Water meter box, furnish and install complete and in place with			\$ 5.00	\$ 4,250.00	ə 1	5.00	\$ 12,750.00	\$ 22.00	\$ 10,700.00	\$ 3.00	\$ 2,550.00
17	fittings	23	EA	\$ 300.00	\$ 6,900.00	¢ 10	5.00	\$ 4,255.00	\$ 200.00	\$ 4,600.00	\$ 175.00	\$ 4.025.00
18	Fire Hydrant assembly, furnish and install complete and in place	2	EA				0.00					
10	Trench safety, furnish and install, complete and in place		ĽA	4,000.00	φ 0,000.00	ψ 3,6U	v.uu	ψ 1,200.00	ψ 4,500.0t	φ 5,000.00	ψ 4,000.00	φ 9,700.00
19	sheeting, shoring and bracing where required by OSHA Standards	656	LF									
19	that are in effect at the time of bid opening.	030	L	\$ 1.25	\$ 820.00	¢	1.00	\$ 656.00	\$ 1.00	\$ 656.00	\$ 0.10	\$ 65.60
	Silt fence, furnish and install complete in place as per NCTCOG			1.23	\$ 020.00	¥	1.00	ψ 030.00	Ψ 1.00	ψ 030.00	ψ 0.10	ψ 00.00
20	details and specifications as directed by the engineer	656	LF	\$ 1.50	\$ 984.00	\$	5.00	\$ 3,280.00	\$ 2.50	\$ 1,640.00	\$ 2.50	\$ 1,640.00
	Inlet protection, furnish and install complete in place as per		1	1.50	\$ 904.00	*	0.00	ψ 5,200.00	ψ 2.50	Ψ 1,0 -1 0.00	¥ 2.50	¥ 1,040.00
21	NCTCOG details and specifications as directed by the engineer	3	EA	\$ 150.00	\$ 450.00	\$ 30	0.00	\$ 900.00	\$ 200.00	\$ 600.00	\$ 250.00	\$ 750.00
	Sawcut, remove, and replace existing reinforced concrete	1	1	130.00	430.00	- 50	2.00	÷ 550.00	230.00	- 000.00	200.00	, , , , , ,
22	pavement (5" to 8" thick) with Asphalt Overlay, including curb and	34	SY									
	gutter, work fully performed.		-	\$ 150.00	\$ 5.100.00	\$ 10	0.00	\$ 3.400.00	\$ 85.00	\$ 2,890.00	\$ 168.00	\$ 5,712.00
	St. Augustine or Bermuda grass solid sod, furnish and install	1		- 100.00		, ,		,	30.00	,000.00	,	5,2.00
23	complete in place.	296	SY	\$ 8.00	\$ 2,368.00	s	6.00	\$ 1,776.00	\$ 8.00	\$ 2,368.00	\$ 10.00	\$ 2.960.00
-	4" 3000 PSI reinforced concrete sidewalk, REMOVE, furnish			. 5.50				,	. 0.00	,,,,,,,,,		,
24	and install complete in place, as per specifications.	0	SF	\$ 26.00	\$ -	\$	-	\$ -	\$ 12.00	\$ -	\$ -	\$ -
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3.4-1 of 11 ADDENDUM NO. 2

FY 18 WATER & WASTEWATER REPLACEMENTS W.O. # 618.110 & 618.124

	DATE. 10/03/16		ENGINEERS ESTIMATE		Ex	cel 4	Canary Co	Canary Construction		x Utilities	
					EXTENDED PRICE (NUMBER			j			
NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	ONLY)	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
SECTI	ON I-B - SAN ANTONIO WASTEWATER IMPROVEMENTS Barricading and traffic control, complete in place.	S	LS	\$ 3.500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 2,800.00	\$ 2,800.00	\$ 1,000.00	\$ 1,000.00
'	Site preparation including mobilization, project signs, clearing and	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 2,800.00	\$ 2,800.00	\$ 1,000.00	\$ 1,000.00
2	grubbing, structure removals and site cleaning, work fully performed as per specifications.	0	LS	\$ 15,000.00	s -		\$ -	\$ 6,500.00	\$ -	\$ -	s -
3	Construction staking, work fully performed as per specifications, compete in place	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 2,600.00	\$ 2,600.00	,		•	\$ 2,500.00
4	Concrete Truck Washout Area, furnish and install complete in place, as per details and specifications	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 700.00	\$ 700.00	\$ 1,500.00	\$ 1,500.00	\$ 500.00	\$ 500.00
5	Maintain Residential Property Access, construct complete in place, work fully performed	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 6,000.00	\$ 6,000.00	\$ 1,500.00	\$ 1,500.00
6	4" PVC SDR 35 Wastewater service, remove old, furnish and install new complete in place, including embedment.	586	LF	\$ 30.00	\$ 17,580.00	\$ 35.00	\$ 20,510.00	\$ 70.00	\$ 41,020.00	\$ 45.00	\$ 26,370.00
7	Wastewater Service Reconnects (reinstatements), as per specifications, furnish and install complete and in place	23	EA	\$ 300.00	\$ 6,900.00	\$ 550.00	\$ 12,650.00	\$ 300.00	\$ 6,900.00	\$ 450.00	\$ 10,350.00
_	Cleanout- Standard Wastewater, furnish and install, Cast Iron for										
8	Traffic Areas and Polypropylene for Non-Traffic Areas, complete and in place	23	EA	\$ 175.00	\$ 4,025.00	\$ 75.00	\$ 1,725.00	\$ 900.00	\$ 20,700.00	\$ 300.00	\$ 6,900.00
9	8" PVC SDR 35 Wastewater line, remove old, furnish and install new complete in place, including embedment. BY OPEN CUT	935	LF	\$ 62.00	\$ 57,970.00	\$ 50.00	\$ 46,750.00	\$ 65.00	\$ 60,775.00	\$ 65.00	\$ 60,775.00
10	8" PVC SDR 35 Wastewater Line, remove old, furnish and install new complete in place, including pit and grouting. BY PIPE BORE	0	LF	\$ 150.00	\$ -	-	\$ -	\$ 155.00	\$ -	\$ -	\$ -
11	8" HDPE SDR 17 Wastewater line, furnish and install new complete in place, including pit. BY PIPE BURSTING	0	LF	\$ 150.00	\$ -	-	\$ -	\$ 118.00	\$ -	\$ -	\$ -
12	Cut, Plug, and Abandon Existing 6" Wasterwater Main in Place, including plugs at all cuts for wastewater service connections to proposed 8" Wastewater Main and flowable fill of sections of existing 6" Wastewater Main to abandon in place, complete and in	1	LS								
13	place, work fully performed. Standard Type 4' Manhole, furnish and install, complete in place,	4	EA	\$ 6,000.00	, ,,,,,,,,	\$ 500.00		\$ 4,000.00		\$ 3,000.00	\$ 3,000.00
	as per specifications.	·		\$ 4,500.00		\$ 4,500.00					
14	5' Drop Manhole	0	EA	\$ 4,600.00 \$ 210.00		-	\$ -	•			\$ -
15	Extra Depth for WW Manhole Concrete Encasement for 8" Wastewater Line, furnish and install	0	VF	\$ 210.00	\$ -	-	\$ -	\$ 350.00	\$ -	\$ -	\$ -
16	above, below, and around pipe Concrete Encasement for 4" Wastewater Service Line, furnish	20	LF	\$ 37.00	\$ 740.00	\$ 60.00	\$ 1,200.00	\$ 65.00	\$ 1,300.00	\$ 68.00	\$ 1,360.00
17	and install above, below, and around pipe	60	LF	\$ 32.00	\$ 1,920.00	\$ 50.00	\$ 3,000.00	\$ 65.00	\$ 3,900.00	\$ 62.00	\$ 3,720.00
18	Crushed stone for Pipe Embedment, furnish and install, as per details Trench safety, furnish and install, complete in place, including	96	CY	\$ 26.00	\$ 2,496.00	\$ 45.00	\$ 4,320.00	\$ 55.00	\$ 5,280.00	\$ 40.00	\$ 3,840.00
19	sheeting, shoring and bracing where required by OSHA Standards that are in effect at the time of bid opening.	935	LF	\$ 1.25	\$ 1,168.75	\$ 1.00	\$ 935.00	\$ 1.00	\$ 935.00	\$ 1.00	\$ 935.00
20	Silt fence, furnish and install complete in place as per NCTCOG details and specifications as directed by the engineer	935	LF	\$ 1.50	\$ 1,402.50	\$ 6.00	\$ 5,610.00	\$ 2.50	\$ 2,337.50	\$ 3.00	\$ 2,805.00
21	Inlet protection, furnish and install complete in place as per NCTCOG details and specifications as directed by the engineer	3	EA	\$ 150.00	\$ 450.00	\$ 300.00	\$ 900.00	\$ 200.00	\$ 600.00	\$ 250.00	\$ 750.00
22	Sawcut, remove, and replace existing reinforced concrete pavement (5" to 8" thick) with new reinforced concrete pavement, including curb, work fully performed.	50	SY	\$ 150.00	\$ 7,500.00	\$ 100.00	\$ 5,000.00	\$ 85.00	\$ 4,250.00	\$ 169.00	\$ 8,450.00
23	Sawcut, remove, and replace existing HMAC pavement, replace with New HMAC repair section, including curb and gutter, work fully performed.	726	SY	\$ 150.00	\$ 108,900.00	\$ 60.00	\$ 43,560.00	\$ 85.00	\$ 61,710.00	\$ 165.00	\$ 119,790.00
24	Remove & Replace Existing concrete curb and gutter, sawcut and remove, work fully performed.	92	LF	\$ 14.00	\$ 1,288.00	\$ 25.00	\$ 2,300.00	\$ 75.00	\$ 6,900.00	\$ 42.00	\$ 3,864.00
25	Remove Existing WW Manhole and dispose of material in a legal	2	EA	,							
26	manner Remove Existing WW Cleanout and dispose of in a legal manner.	24	EA	\$ 450.00 \$ 150.00							
27	Remove and Replace Existing reinforced concrete sidewalk,	286	SF								
27	sawcut and remove, work fully performed.	∠ŏb	51	\$ 26.00	\$ 7,436.00	\$ 6.00	\$ 1,716.00	\$ 8.00	\$ 2,288.00	\$ 53.00	\$ 15,158.00

3.4-2 of 11 ADDENDUM NO. 2

FY 18 WATER & WASTEWATER REPLACEMENTS W.O. # 618.110 & 618.124

DATE: 10/03/16			ENGINEERS ESTIMATE	WAILK & WAOT	Ex	cel 4	Canary Co	onstruction	Gra-Tex Utilities		
					EXTENDED PRICE (NUMBER			·			
NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	ONLY)	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
28	St. Augustine or Bermuda grass solid sod, furnish and install complete in place.	41	SY	\$ 8.00	\$ 328.00	\$ 6.00	\$ 246.00	\$ 8.00	\$ 328.00	\$ 10.00	410.00
	Shed Removal and Relocation, coordinate with property owner to			0.00	V 020.30	Ų 0.00	¥ 240.00	Ų 0.00	Ψ 020.00	10.00	410.00
29	relocate existing shed outside of easement to install service	0	EA					\$ 1,220,00			
	connections and manholes Condition Survey, provide a condition survey for all properties			\$ 3,000.00	-	-	5 -	\$ 1,220.00	\$ -	\$ - :	-
30	within 50 feet of sanitary sewer ceneterline prior to beginning sewer	1	EA								
	construction and after construction.			\$ 3,000.00	\$ 3,000.00	\$ 2,700.00	\$ 2,700.00	\$ 4,700.00	\$ 4,700.00	\$ 4,500.00	4,500.00
	Exploratory TV survey, provide a televised inspetion video of all sanitary lines to determine location of all connections and manhole										
31	locations PRIOR to construction and Provide a televised	1	EA								
	Inspection video of all installed lines POST constuction			\$ 3,000.00		\$ 1,500.00		\$ 6,500.00		\$ 2,500.00	
-	Total Bid Amount (Section I)				\$ 474,184.25		\$336,416.00		\$451,049.50		\$445,431.60
SECTION	ON II - CARRIER PL WASTEWATER IMPROVEMENTS										
1	Barricading and traffic control, complete in place.	0	LS	\$ 3,500.00	\$ -	\$ -	\$ -	\$ 4,200.00	\$ -	\$ -	-
2	Site preparation including mobilization, project signs, clearing and										
2	grubbing, structure removals and site cleaning, work fully performed as per specifications.	1	LS	\$ 16,000.00	\$ 16,000.00	\$ 3,600.00	\$ 3,600.00	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	4,000.00
3	Construction staking, work fully performed as per specifications,	1	LS								
	compete in place Concrete Truck Washout Area, furnish and install complete in	'		\$ 3,000.00	\$ 3,000.00	\$ 700.00	\$ 700.00	\$ 1,544.00	\$ 1,544.00	\$ 2,500.00	2,500.00
4	place, as per details and specifications	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 700.00	\$ 700.00	\$ 1,500.00	\$ 1,500.00	\$ 500.00	500.00
5	Maintain Residential Property Access, construct complete in	1	LS	,	,						
	place, work fully performed	'		\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 6,000.00	\$ 6,000.00	\$ 4,500.00	4,500.00
6	4" PVC SDR 35 Wastewater service, remove old, furnish and install new complete in place, including embedment.	79	LF	\$ 30.00	\$ 2,370.00	\$ 35.00	\$ 2,765.00	\$ 75.00	\$ 5,925.00	\$ 45.00	3,555.00
7	4" Service Reinstatement for Pipe Bursting	11	EA	\$ 1,400.00							
8	Cleanout- Standard Wastewater, furnish and install, Cast Iron for	11	EA								
8	Traffic Areas and Polypropylene for Non-Traffic Areas, complete and in place	11	EA	\$ 175.00	\$ 1,925.00	\$ 75.00	\$ 825.00	\$ 1,100.00	\$ 12,100.00	\$ 100.00	1,100.00
9	8" PVC SDR 35 Wastewater line, remove old, furnish and install	48	LF								
	new complete in place, including embedment. BY OPEN CUT	10	ī	\$ 62.00	\$ 2,976.00	\$ 135.00	\$ 6,480.00	\$ 75.00	\$ 3,600.00	\$ 170.00	8,160.00
10	8" PVC SDR 35 Wastewater Line, remove old, furnish and install new complete in place, including pit and grouting. BY PIPE BORE	0	LF	\$ 150.00	s -	-	s -	\$ 155.00	s -	s - !	
11	8" HDPE SDR 17 Wastewater line, furnish and install new	521	LF								
- ''	complete in place, including pit. BY PIPE BURSTING	321	L	\$ 150.00	\$ 78,150.00	\$ 63.00	\$ 32,823.00	\$ 118.00	\$ 61,478.00	\$ 85.00	44,285.00
	Cut, Plug, and Abandon Existing 6" Wasterwater Main in Place, including plugs at all cuts for wastewater service connections to										
12	proposed 8" Wastewater Main and flowable fill of sections of	0	LS								
	existing 6" Wastewater Main to abandon in place, complete and in place, work fully performed.			\$ 6,000.00	e		s -	\$ 4,200.00	•		
	Standard Type 4' Manhole, furnish and install, complete in place,			5 0,000.00	-	-	-	\$ 4,200.00	.	φ - ,	-
13	as per specifications.	4	EA	\$ 4,500.00		\$ 4,500.00				.,	2.,200.00
14 15	5' Drop Manhole Extra Depth for 4' Manhole	0	EA VF	\$ 4,600.00 \$ 210.00		- \$ 150.00	т	\$ 9,000.00 \$ 270.00		\$ - \$ \$ 175.00	
	Concrete Encasement for 8" Wastewater Line, furnish and install	0		210.00	ψ 030.00	\$ 130.00	\$ 430.00	\$ 270.00	\$ 010.00	Ψ 175.00	323.00
16	above, below, and around pipe	U	LF	\$ 37.00	\$ -	-	\$ -	\$ 65.00	\$ -	\$ -	-
17	Concrete Encasement for 4" Wastewater Service Line, furnish and install above, below, and around pipe	0	LF	\$ 32.00	s -	_	s -	\$ 55.00	s -	s - s	
18	Crushed Stone for Pipe Embedment, furnish and install, as per	5	CY	32.00	-	_	_	\$ 33.00	-	•	-
18	details	5	CY	\$ 26.00	\$ 130.00	\$ 45.00	\$ 225.00	\$ 55.00	\$ 275.00	\$ 50.00	250.00
19	Trench safety, furnish and install, complete in place, including sheeting, shoring and bracing where required by OSHA Standards	48	LF								
19	that are in effect at the time of bid opening.	40	LF	\$ 1.25	\$ 60.00	\$ 1.00	\$ 48.00	\$ 1.00	\$ 48.00	\$ 10.00	480.00
20	Silt fence, furnish and install complete in place as per NCTCOG	48	LF								
	details and specifications as directed by the engineer Inlet protection, furnish and install complete in place as per			\$ 1.50	\$ 72.00	\$ 6.00	\$ 288.00	\$ 2.50	\$ 120.00	\$ 6.00	288.00
21	NCTCOG details and specifications as directed by the engineer	3	EA	\$ 150.00	\$ 450.00	\$ 300.00	\$ 900.00	\$ 200.00	\$ 600.00	\$ 320.00	960.00
	Sawcut, remove, and replace existing reinforced concrete	440	011								
22	pavement (5" to 8" thick) with Asphalt Overlay, including curb and gutter, work fully performed.	110	SY	\$ 150.00	\$ 16,500.00	\$ 100.00	\$ 11,000.00	\$ 85.00	\$ 9,350.00	\$ 165.00	18,150.00
	Sawcut, remove, and replace existing HMAC pavement, replace			100.00			,550.00	53.00	2,000.00		,
23	with New HMAC repair section, including curb and gutter, work	0	SY	4							
L	fully performed.	1	l	\$ 150.00	-	ə -	Ф -	\$ 85.00	Ф -	Ф -	-

3.4-3 of 11 ADDENDUM NO. 2

FY 18 WATER & WASTEWATER REPLACEMENTS W.O. # 618.110 & 618.124

Display					ENGINEERS ESTIMATE		Excel 4		Canary Construction		Gra-Te	ex Utilities
Accordance of Engineer Entire Service (and and galanter recent of a galanter of the product of												
An of wrone, with Light preference of Company of Profession in Florida 2	NO.		QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	ONLY)	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
Application Part Continue	24	and remove, work fully performed.	0	LF	\$ 14.00	\$ -	\$ -	\$ -	\$ 75.00	\$ -	\$ -	\$ -
27 Secrit of the control of the		manner		EA							\$ 600.00	\$ 1,200.00
And the destroywhere the Permised greates seed and climital and install and in	26	• •	11	EA	\$ 150.00	\$ 1,650.00	\$ 100.00	\$ 1,100.00	\$ 300.00	\$ 3,300.00	\$ 100.00	\$ 1,100.00
Share Removed and Relocation, coordinate with proposed content of the property of the proper	27	sawcut and remove, work fully performed.	0	SF	\$ 26.00	\$ -		\$ -	\$ 12.00	\$ -	\$ -	\$ -
20 International service of a management to transfer the service of the servi	28	complete in place.	36	SY	\$ 8.00	\$ 288.00	\$ 6.00	\$ 216.00	\$ 8.00	\$ 288.00	\$ 10.00	\$ 360.00
20 White SD (feet of similary grower) EA S 3,000.00 S 3,000.00 S 3,000.00 S 3,000.00 S 2,000.00 S 3,000.00 S 2,000.00 S 3,000.00 S	29	relocate existing shed outside of easement to install service	2	EA	\$ 3,000.00	\$ 6,000.00	\$ 2,500.00	\$ 5,000.00	\$ 1,200.00	\$ 2,400.00	\$ 2,700.00	\$ 5,400.00
31 contrary from 10 controls of all controls of all controls of the proposal to the property of the control of the proposal to the property of	30	within 50 feet of sanitary sewer ceneterline prior to beginning sewer	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 1,600.00	\$ 1,600.00	\$ 3,000.00	\$ 3,000.00	\$ 2,200.00	\$ 2,200.00
SECTION III - SW STH STREET WATER LINE IMPROVEMENTS	31	sanitary lines to determine location of all connections and manhole locations PRIOR to construction and Provide a televised	1	EA	\$ 3,000,00	\$ 3,000,00	\$ 800.00	\$ 800.00	\$ 2,950,00	\$ 2,950,00	\$ 1,100,00	\$ 1100.00
SECTION III - SW 5TH STREET WATER LINE MPROVEMENTS 1 S 5,000.00 \$ 5,000.00 \$ 4,200.00 \$ 4,200.00 \$ 4,200.00 \$ 1,200.0					3,000.00		\$ 000.00				ų 1,100.00	
Barricarding and traffic centrol, complete in place. 1 LS 5 5,000.00 5 5,000.00 5 5,000.00 5 4,200.00 5 1,200.00			п	н	1			. 25,5. 5.66				
Site preparation including mobilization, project agine, Gearding and graphing, sincturize reviewable and led cleaning, work fully performed as per specifications. Construction staking, work fully performed as per specifications. 1	SECTION		3									
sper pspecifications. Construction staking, work fully performed as per specifications, of 1 LS s 3,000.00 \$ 5,000.00 \$ 7,000.00 \$ 7,000.00 \$ 7,000.00 \$ 2,185.00 \$ 2,185.00 \$ 2,580.00 \$	1	Site preparation including mobilization, project signs, clearing and	1		\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 4,200.00	\$ 4,200.00	\$ 1,200.00	\$ 1,200.00
Compete in place or per details and specifications Compete in place or per details Compete in place or per d		as per specifications.			\$ 54,000.00	\$ 54,000.00	\$ 3,600.00	\$ 3,600.00	\$ 1,944.00	\$ 1,944.00	\$ 1,500.00	\$ 1,500.00
A Diace, as per defails and specifications 1 EA S 2,000.00 S 2,000.00 S 700.00 S 1,500.00 S 5,000.00 S 5,000.		compete in place			\$ 3,000.00	\$ 3,000.00	\$ 7,100.00	\$ 7,100.00	\$ 2,185.00	\$ 2,185.00	\$ 2,500.00	\$ 2,500.00
S	4	place, as per details and specifications	1		\$ 2,000.00	\$ 2,000.00	\$ 700.00	\$ 700.00	\$ 1,500.00	\$ 1,500.00	\$ 500.00	\$ 500.00
Position New complete in place, including embedment. 107/3 LF \$ 60.00 \$ 100,740.00 \$ 52.00 \$ 87,386.00 \$ 100,740.00 \$ 54.00 \$ 90,666.00 \$ 130,560.0	5	place, work fully performed	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 6,000.00	\$ 6,000.00	\$ 1,500.00	\$ 1,500.00
Complete in place.	6	new complete in place, including embedment.	1679	LF	\$ 60.00	\$ 100,740.00	\$ 52.00	\$ 87,308.00	\$ 60.00	\$ 100,740.00	\$ 54.00	\$ 90,666.00
Complete in place.	7	complete in place.	816	LF	\$ 120.00	\$ 97,920.00	\$ 96.00	\$ 78,336.00	\$ 155.00	\$ 126,480.00	\$ 160.00	\$ 130,560.00
9 complete in place. 4 EA 5 1,100.00 5 4,400.00 5 1,200.00 5 1,300.00 5 5,200.00 5 3,900.00	8	complete in place.	14	EA	\$ 1,500.00	\$ 21,000.00	\$ 1,650.00	\$ 23,100.00	\$ 1,600.00	\$ 22,400.00	\$ 1,200.00	\$ 16,800.00
1	9	complete in place.	4	EA	\$ 1,100.00	\$ 4,400.00	\$ 1,200.00	\$ 4,800.00	\$ 1,300.00	\$ 5,200.00	\$ 975.00	\$ 3,900.00
1 above, below, and around pipe 10 12 12 12 13 14 15 15 15 15 15 15 15	10	furnish and install complete in place	1	TON	\$ 6,000.00	\$ 6,000.00	\$ 7,500.00	\$ 7,500.00	\$ 12,000.00	\$ 12,000.00	\$ 7,500.00	\$ 7,500.00
Sand for Pipe Embedment, furnish and install, including water meter relocation or adjustment if necessary, complete and in place and in place at all cuts for water service, furnish and install, including water meter relocation or adjustment if necessary, complete and in place		above, below, and around pipe										
34" Short Water Service, furnish and install, including water meter relocation or adjustment if necessary, complete and in place 26												
Felocation or adjustment if necessary, complete and in place 20 EA \$ 800.00 \$ 20,800.00 \$ 550.00 \$ 14,300.00 \$ 600.00 \$ 15,600.00 \$ 750.00 \$ 19,500.00 \$					p 26.00	φ 4,498.00	э 15.00	φ 2,595.00	a 50.00	φ 8,650.00	φ 15.00	φ 2,595.00
15 relocation or adjustment if necessary, complete and in place 31 EA \$ 1,350.00 \$ 41,850.00 \$ 750.00 \$ 23,250.00 \$ 1,000.00 \$ 31,000.00 \$ 975.00 \$ 30,225.00 16 Cut, plug and abandon existing 6" water main, including plugs at all cuts for water service connections and flowable fill of sections of existing 6" water main to abandon in place, complete and in place, complete and in place, complete and in place, complete and in place, work fully performed. 17 Water meter box, furnish and install complete and in place with fittings		relocation or adjustment if necessary, complete and in place	20		\$ 800.00	\$ 20,800.00	\$ 550.00	\$ 14,300.00	\$ 600.00	\$ 15,600.00	\$ 750.00	\$ 19,500.00
16	15	relocation or adjustment if necessary, complete and in place	31	EA	\$ 1,350.00	\$ 41,850.00	\$ 750.00	\$ 23,250.00	\$ 1,000.00	\$ 31,000.00	\$ 975.00	\$ 30,225.00
17 Water meter box, furnish and install complete and in place with fittings 57 EA \$ 300.00 \$ 17,100.00 \$ 185.00 \$ 10,545.00 \$ 200.00 \$ 11,400.00 \$ 175.00 \$ 9,975.00 \$ 18 Fire Hydrant assembly, furnish and install complete and in place 4 EA \$ 4,000.00 \$ 16,000.00 \$ 3,600.00 \$ 14,400.00 \$ 4,500.00 \$ 18,000.00 \$ 19,600.00 \$ 1	16	at all cuts for water service connections and flowable fill of sections of existing 6" water main to abandon in place, complete and in	2050	LF	\$ 5.00	\$ 10,250.00	\$ 15.00	\$ 30,750.00	\$ 22.00	\$ 45,100.00	\$ 3.00	\$ 6,150.00
18 Fire Hydrant assembly, furnish and install complete and in place 4 EA \$ 4,000.00 \$ 16,000.00 \$ 3,600.00 \$ 14,400.00 \$ 4,500.00 \$ 18,000.00 \$ 19,600	17	Water meter box, furnish and install complete and in place with	57	EA	-	,					•	
Trench safety, furnish and install, complete in place, including sheeting, shoring and bracing where required by OSHA Standards that are in effect at the time of bid opening. 20 Sitt fence, furnish and install complete in place as per NCTCOG details and specifications as directed by the engineer 1679 LF 1.25 \$ 2,098.75 \$ 1.00 \$ 1,679.00 \$ 1.00 \$ 1,6	18		4	EA								
20 details and specifications as directed by the engineer 16/9 LF \$ 1.50 \$ 2,518.50 \$ 3.00 \$ 5,037.00 \$ 2.50 \$ 4,197.50 \$ 3.00 \$ 5,037.00	19	Trench safety, furnish and install, complete in place, including sheeting, shoring and bracing where required by OSHA Standards that are in effect at the time of bid opening.	1679	LF	\$ 1.25	\$ 2,098.75	\$ 1.00	\$ 1,679.00	\$ 1.00	\$ 1,679.00	\$ 1.00	\$ 1,679.00
	20	details and specifications as directed by the engineer	1679	LF	\$ 1.50	\$ 2,518.50	\$ 3.00	\$ 5,037.00	\$ 2.50	\$ 4,197.50	\$ 3.00	\$ 5,037.00
	21		3	EA	\$ 150.00	\$ 450.00	\$ 300.00	\$ 900.00	\$ 200.00	\$ 600.00	\$ 250.00	\$ 750.00

3.4-4 of 11 ADDENDUM NO. 2

FY 18 WATER & WASTEWATER REPLACEMENTS W.O. # 618.110 & 618.124

				ENGINEERS ESTIMATE		Ex	cel 4	Canary Co	onstruction	Gra-Tex Utilities	
NO.	DESCRIPTION	QUANTITY	LINIT	UNIT PRICE (NUMBER ONLY)	EXTENDED PRICE (NUMBER ONLY)	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
	Sawcut, remove, and replace existing reinforced concrete	QOAITIII I	U	(,							
22	pavement (5" to 8" thick) with Asphalt Overlay, including curb and gutter, work fully performed.	142	SY	\$ 150.00	\$ 21,300.00	\$ 100.00	\$ 14,200.00	\$ 85.00	\$ 12,070.00	\$ 168.00	\$ 23,856.00
23	St. Augustine or Bermuda grass solid sod, furnish and install complete in place.	2126	SY	\$ 8.00	\$ 17,008.00	\$ 6.00	\$ 12,756.00	\$ 8.00	\$ 17,008.00	\$ 10.00	\$ 21,260.00
24	4" 3000 PSI reinforced concrete sidewalk, REMOVE, furnish and install complete in place, as per specifications.	66	SF	\$ 26.00	\$ 1,716.00	\$ 6.00	\$ 396.00	\$ 12.00	\$ 792.00	\$ 53.00	\$ 3.498.00
	Total Bid Amount (Section III)	1			\$ 473,949.25		\$ 378,252.00		\$ 470,445.50	,	\$ 435,551.00
	Total Dia / Milouit (Goodon III)		1				¥ 0.0,202.00		¥,		¥ 100,001.00
SECTI	ON IV - NE 15th STREET WASTEWATER IMPROVEMEN	TS									
1	Barricading and traffic control, complete in place.	1	LS	\$ 3.500.00	\$ 3.500.00	\$ 5.000.00	\$ 5,000.00	\$ 600.00	\$ 600.00	\$ 3.000.00	\$ 3.000.00
	Site preparation including mobilization, project signs, clearing and					, , , , , , , , , , , , , , , , , , , ,	, .,,,,,,,,	,	•	, , , , , , , , , , , , , , , , , , , ,	, .,,,,,,,,,
2	grubbing, structure removals and site cleaning, work fully performed as per specifications.	1	LS	\$ 17,000.00	\$ 17,000.00	\$ 3,600.00	\$ 3,600.00	\$ 600.00	\$ 600.00	\$ 2,500.00	\$ 2,500.00
3	Construction staking, work fully performed as per specifications, compete in place	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 1,600.00	\$ 1,600.00	\$ 950.00	\$ 950.00	\$ 2,900.00	\$ 2,900.00
4	Concrete Truck Washout Area, furnish and install complete in	1	EA								
4	place, as per details and specifications	'	LA	\$ 2,000.00	\$ 2,000.00	\$ 700.00	\$ 700.00	\$ 250.00	\$ 250.00	\$ 500.00	\$ 500.00
5	Maintain Residential Property Access, construct complete in place, work fully performed	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00
6	4" PVC SDR 35 Wastewater service, remove old, furnish and install new complete in place, including embedment.	49	LF	\$ 30.00	\$ 1,470.00	\$ 35.00	\$ 1,715.00	\$ 75.00	\$ 3,675.00	\$ 45.00	\$ 2,205.00
7	4" Wastewater Service Reconnects (reinstatements), as per specifications, furnish and install complete and in place	2	EA	\$ 300.00	\$ 600.00	\$ 550.00	\$ 1,100.00	\$ 520.00	\$ 1,040.00	\$ 350.00	\$ 700.00
	Cleanout- Standard Wastewater, furnish and install, Cast Iron for										
8	Traffic Areas and Polypropylene for Non-Traffic Areas, complete and in place	2	EA	\$ 175.00	\$ 350.00	\$ 75.00	\$ 150.00	\$ 650.00	\$ 1,300.00	\$ 250.00	\$ 500.00
9	8" PVC SDR 35 Wastewater line, remove old, furnish and install	429	LF		¢ 00.500.00		6 04 450 00		£ 20.040.00	f 400.00	£ 54 400 00
	new complete in place, including embedment. BY OPEN CUT 8" PVC SDR 35 Wastewater Line, remove old, furnish and install			\$ 62.00	\$ 26,598.00	\$ 50.00	\$ 21,450.00	\$ 90.00	\$ 38,610.00	\$ 120.00	\$ 51,480.00
10	new complete in place, including pit and grouting. BY PIPE BORE	131	LF	\$ 150.00	\$ 19,650.00	\$ 395.00	\$ 51,745.00	\$ 220.00	\$ 28,820.00	\$ 320.00	\$ 41,920.00
11	8" HDPE SDR 17 Wastewater line, furnish and install new complete in place, including pit. BY PIPE BURSTING	0	LF	\$ -	\$ -	\$ -	\$ -	\$ 118.00	\$ -	\$ -	\$ -
	Cut, Plug, and Abandon Existing 6" Wasterwater Main in Place, including plugs at all cuts for wastewater service connections to										
12	proposed 8" Wastewater Main and flowable fill of sections of	1	LS								
12	existing 6" Wastewater Main to abandon in place, complete and in	'	LO								
	place, work fully performed.			\$ 6,000.00	\$ 6,000.00	\$ 500.00	\$ 500.00	\$ 4,000.00	\$ 4,000.00	\$ 3,500.00	\$ 3,500.00
40	Standard Type 5' Manhole, furnish and install, complete in place,	_		,					. ,		
13	as per specifications.	6	EA	\$ 4,500.00	\$ 27,000.00	\$ 6,000.00	\$ 36,000.00	\$ 6,500.00	\$ 39,000.00	\$ 5,900.00	\$ 35,400.00
14	5' Drop Manhole	2	EA								
15	Extra Depth for 5' Manhole	26	VF	\$ 210.00	\$ 5,460.00	\$ 250.00	\$ 6,500.00	\$ 350.00	\$ 9,100.00	\$ 250.00	\$ 6,500.00
16	Concrete Encasement for 8" Wastewater Line, furnish and install above, below, and around pipe	9	LF	\$ 37.00	\$ 333.00	\$ 60.00	\$ 540.00	\$ 65.00	\$ 585.00	\$ 68.00	\$ 612.00
17	Concrete Encasement for 4" Wastewater Service Line, furnish and install above, below, and around pipe	0	LF	\$ 32.00	\$ -	\$ -	\$ -	\$ 65.00	\$ -	\$ -	\$ -
18	Crushed Stone for Pipe Embedment, furnish and install, as per details	44	CY	\$ 26.00	\$ 1,144.00	\$ 45.00	\$ 1,980.00	\$ 55.00	\$ 2,420.00	\$ 45.00	\$ 1,980.00
	Trench safety, furnish and install, complete in place, including										
19	sheeting, shoring and bracing where required by OSHA Standards that are in effect at the time of bid opening.	429	LF	\$ 1.25	\$ 536.25	\$ 1.00	\$ 429.00	\$ 1.00	\$ 429.00	\$ 1.00	\$ 429.00
20	Silt fence, furnish and install complete in place as per NCTCOG details and specifications as directed by the engineer	429	LF	\$ 1.50	\$ 643.50	\$ 3.00	\$ 1,287.00	\$ 2.50	\$ 1,072.50	\$ 3.00	\$ 1,287.00
21	Inlet protection, furnish and install complete in place as per NCTCOG details and specifications as directed by the engineer	3	EA	\$ 150.00	\$ 450.00	\$ 300.00	\$ 900.00	\$ 200.00	\$ 600.00	\$ 250.00	\$ 750.00
22	Sawcut, remove, and replace existing reinforced concrete pavement (5" to 8" thick) with Asphalt Overlay, including curb	364	SY	100.00	7 400.00	- 250.00	7 220.00	203.00		- 253.00	1.50.00
	and gutter, work fully performed.			\$ 150.00	\$ 54,600.00	\$ 100.00	\$ 36,400.00	\$ 85.00	\$ 30,940.00	\$ 169.00	\$ 61,516.00

3.4-5 of 11 ADDENDUM NO. 2

FY 18 WATER & WASTEWATER REPLACEMENTS W.O. # 618.110 & 618.124

				ENGINEERS ESTIMATE		Ex	Excel 4		Canary Construction		Gra-Tex Utilities	
				LINET BRIGE AN IMPER ON YO	EXTENDED PRICE (NUMBER	II. V B C	5 (v. d. d.B.)	11.22.52	E (d . d B (II. W. B. de .	F (1) (1) (1) (2)	
NO.		QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	ONLY)	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	
23	Sawcut, remove, and replace existing HMAC pavement, replace with New HMAC repair section, including curb and gutter, work fully performed.	0	SY	\$ 150.00	s -	s -	s -	\$ 85.00	\$ -	s -	s -	
24	Remove & Replace Existing concrete curb and gutter, sawcut and remove, work fully performed.	0	LF	\$ 14.00	\$ -	\$ -	\$ -	\$ 75.00		\$ -	ş -	
25	Remove Existing WW Manhole and dispose of material in a legal manner	2	EA	\$ 450.00	\$ 900.00	\$ 500.00	\$ 1,000.00	\$ 900.00	\$ 1,800.00	\$ 800.00	\$ 1,600.00	
26	Remove Existing WW Cleanout and dispose of in a legal manner.	2	EA	\$ 150.00	\$ 300.00	\$ 100.00	\$ 200.00	\$ 300.00	\$ 600.00	\$ 100.00	\$ 200.00	
27	Remove and Replace Existing reinforced concrete sidewalk, sawcut and remove, work fully performed.	0	SF	\$ 26.00	\$ -	\$ -	\$ -	\$ 12.00	\$ -	\$ -	ş -	
28	St. Augustine or Bermuda grass solid sod, furnish and install complete in place.	7	SY	\$ 8.00	\$ 56.00	\$ 50.00	\$ 350.00	\$ 8.00	\$ 56.00	\$ 10.00	\$ 70.00	
29	Shed Removal and Relocation, coordinate with property owner to relocate existing shed outside of easement to install service connections and manholes	0	EA	\$ 3,000.00	s -	s -	s -	\$ 1,560.00	\$ -	\$ -	s -	
30	Condition Survey, provide a condition survey for all properties within 50 feet of sanitary sewer ceneterline prior to beginning sewer construction and after construction.	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 1,200.00	\$ 1,200.00	,		\$ 2,500.00	\$ 2,500.00	
31	Exploratory TV survey, provide a televised inspetion video of all sanitary lines to determine location of all connections and manhole	1	EA									
31	locations PRIOR to construction and Provide a televised		LA									
	Inspection video of all installed lines POST constuction Total Bid Amount (Section IV)			\$ 3,000.00	\$ 3,000.00 \$ 191,790.75	\$ 600.00	\$ 600.00 \$ 193,146.00	\$ 2,455.00	\$ 2,455.00 \$ 189,302.50	\$ 1,500.00	.,000.00	
	Total Bid Amount (Section IV)		1		φ 191,790.75		φ 193,140.00		\$ 109,302.30		\$ 240,045.00	
SECTIO	ON V - FINLAND AVE WASTEWATER IMPROVEMENTS											
1	Barricading and traffic control, complete in place.	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 1,555.00	\$ 1,555.00	\$ 1,000.00	\$ 1,000.00	
	Site preparation including mobilization, project signs, clearing and											
2	grubbing, structure removals and site cleaning, work fully performed as per specifications.	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 3,600.00	\$ 3,600.00	\$ 900.00	\$ 900.00	\$ 3,900.00	\$ 3,900.00	
3	Construction staking, work fully performed as per specifications, compete in place	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 750.00	\$ 750.00	\$ 1,230.00	\$ 1,230.00	\$ 500.00	\$ 500.00	
4	Concrete Truck Washout Area, furnish and install complete in place, as per details and specifications	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 700.00	\$ 700.00	\$ 900.00	\$ 900.00	\$ 500.00	\$ 500.00	
5	Maintain Residential Property Access, construct complete in place, work fully performed	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 6,000.00	\$ 6,000.00	\$ 4,200.00	\$ 4,200.00	
6	4" PVC SDR 35 Wastewater service, remove old, furnish and install new complete in place, including embedment.	0	LF	\$ 30.00	\$ -	\$ -	\$ -	\$ 75.00	. *	\$ -	ş -	
7	4" Service Reinstatement for Pipe Bursting	0	EA	\$ 1,400.00	\$ -	\$ -	\$ -	\$ 650.00	\$ -	\$ -	\$ -	
	Cleanout- Standard Wastewater, furnish and install, Cast Iron for	_										
8	Traffic Areas and Polypropylene for Non-Traffic Areas, complete and in place	0	EA	\$ 175.00	\$ -	\$ -	\$ -	\$ 900.00	\$ -	\$ -	\$ -	
9	8" PVC SDR 35 Wastewater line, remove old, furnish and install new complete in place, including embedment. BY OPEN CUT	32	LF	\$ 62.00	\$ 1,984.00	\$ 120.00	\$ 3,840.00	\$ 95.00	\$ 3,040.00	\$ 155.00	\$ 4,960.00	
10	8" PVC SDR 35 Wastewater Line, remove old, furnish and install new complete in place, including pit and grouting. BY PIPE BORE	0	LF	\$ 150.00	\$ -	\$ -	\$ -	\$ 165.00	\$ -	\$ -	ş -	
11	8" HDPE SDR 17 Wastewater line, furnish and install new complete in place, including pit. BY PIPE BURSTING	322	LF	\$ 150.00	\$ 48,300.00	\$ 62.00	\$ 19,964.00	\$ 118.00	\$ 37,996.00	\$ 75.00	\$ 24,150.00	
12	Cut, Plug, and Abandon Existing 6" Wasterwater Main in Place, including plugs at all cuts for wastewater service connections to proposed 8" Wastewater Main and flowable fill of sections of existing 6" Wastewater Main to abandon in place, complete and in	0	LS									
	place, work fully performed. Standard Type 4' Manhole, furnish and install, complete in place,	_		\$ 6,000.00	\$ -	\$ -	\$ -	\$ 4,000.00	\$ -	\$ -	-	
13	as per specifications.	5	EA	\$ 3,500.00							\$ 26,500.00	
14	5' Drop Manhole	0		\$ 4,600.00		\$ -	\$ -	\$ 8,000.00			-	
15	Extra Depth for 4' Manhole Concrete Encasement for 8" Wastewater Line, furnish and install	7	VF	\$ 210.00	\$ 1,470.00	\$ 125.00	\$ 875.00	\$ 260.00	\$ 1,820.00	\$ 175.00	\$ 1,225.00	
16	above, below, and around pipe Concrete Encasement for 4" Wastewater Service Line, furnish	35	LF	\$ 210.00	\$ 7,350.00	\$ 60.00	\$ 2,100.00	\$ 65.00	\$ 2,275.00	\$ 69.00	\$ 2,415.00	
17	and install above, below, and around pipe Crushed Stone for Pipe Embedment, furnish and install, as per	0	LF	\$ 37.00	-	\$ -	\$ -	\$ 60.00	\$ -	\$ -	\$ -	
18	details Trench safety, furnish and install, complete in place, including	3	CY	\$ 26.00	\$ 78.00	\$ 45.00	\$ 135.00	\$ 55.00	\$ 165.00	\$ 48.00	\$ 144.00	
19	sheeting, shoring and bracing where required by OSHA Standards that are in effect at the time of bid opening.	32	LF	\$ 1.25	\$ 40.00	\$ 25.00	\$ 800.00	\$ 1.00	\$ 32.00	\$ 25.00	\$ 800.00	

3.4-6 of 11 ADDENDUM NO. 2

FY 18 WATER & WASTEWATER REPLACEMENTS W.O. # 618.110 & 618.124

	DATE. 10/03/10			ENGINEERS ESTIMATE		F	cel 4	Canary C	onstruction	Gra-Tex Utilities	
				ENGINEERS ESTIMATE	EXTENDED PRICE (NUMBER	_	T T	- Canary Construction		Ola-16	X Othities
NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	ONLY)	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
20	Silt fence, furnish and install complete in place as per NCTCOG details and specifications as directed by the engineer	32	LF	\$ 1.50	\$ 48.00	\$ 50.00	\$ 1,600.00	\$ 2.50	\$ 80.00	\$ 52.00	\$ 1,664.00
21	Inlet protection, furnish and install complete in place as per NCTCOG details and specifications as directed by the engineer	3	EA	\$ 150.00	\$ 450.00	\$ 300.00	\$ 900.00	\$ 200.00	\$ 600.00	\$ 320.00	\$ 960.00
	Sawcut, remove, and replace existing HMAC pavement (5" to			\$ 130.00	\$ 450.00	ş 300.00	φ 500.00	\$ 200.00	φ 000.00	φ 320.00	\$ 500.00
22	8" thick) with Aasphalt Payment repair, including curb and gutter,	668	SY								
	work fully performed.			\$ 150.00	\$ 100,200.00	\$ 100.00	\$ 66,800.00	\$ 85.00	\$ 56,780.00	\$ 169.00	\$ 112,892.00
	Sawcut, remove, and replace existing HMAC pavement, replace										
23	with New HMAC repair section, including curb and gutter, work	0	SY		_	_			_		
	fully performed.			\$ 150.00	-	\$ -	\$ -	\$ 85.00	\$ -	\$ -	\$ -
24	Remove & Replace Existing concrete curb and gutter, sawcut and remove, work fully performed.	3	LF	\$ 14.00	\$ 42.00	\$ 25.00	\$ 75.00	\$ 75.00	\$ 225.00	\$ 46.00	\$ 138.00
	Remove Existing WW Manhole and dispose of material in a legal			14.00	42.00	Ψ 25.00	75.00	75.00	ψ 223.00	Ψ 40.00	130.00
25	manner	3	EA	\$ 450.00	\$ 1,350.00	\$ 500.00	\$ 1,500.00	\$ 900.00	\$ 2,700.00	\$ 800.00	\$ 2,400.00
26	Remove Existing WW Cleanout and dispose of in a legal manner.	0	EA	\$ 150.00	\$ -	\$ -	\$ -	\$ 300.00	\$ -	\$ -	\$ -
27	Remove and Replace Existing reinforced concrete sidewalk,	465	SF								
	sawcut and remove, work fully performed.		0.	\$ 26.00	\$ 12,090.00	\$ 6.00	\$ 2,790.00	\$ 8.00	\$ 3,720.00	\$ 53.00	\$ 24,645.00
28	St. Augustine or Bermuda grass solid sod, furnish and install complete in place.	0	SY	\$ 8.00	e	s -	s -	\$ 8.00	s -	s -	s -
	Shed Removal and Relocation, coordinate with property owner to			\$ 8.00	-	.	a -	\$ 6.00	• -	a -	•
29	relocate existing shed outside of easement to install service	0	EA								
-	connections and manholes			\$ 3,000.00	\$ -	\$ -	\$ -	\$ 1,520.00	\$ -	\$ -	\$ -
	Condition Survey, provide a condition survey for all properties										
30	within 50 feet of sanitary sewer ceneterline prior to beginning sewer	1	EA								
	construction and after construction.			\$ 3,000.00	\$ 3,000.00	\$ 915.00	\$ 915.00	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00
	Exploratory TV survey, provide a televised inspetion video of all sanitary lines to determine location of all connections and manhole										
31	locations PRIOR to construction and Provide a televised	1	EA								
	Inspection video of all installed lines POST constuction			\$ 3,000.00	\$ 3,000.00	\$ 500.00	\$ 500.00	\$ 2,874.00	\$ 143,018.00	\$ 1,500.00	\$ 1,500.00
	Total Bid Amount (Section V)				\$ 230,402.00		\$ 137,844.00	, , , , , , , , , , , , , , , , , , , ,	\$ 286,036.00	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 216,993.00
				I	, .						
SECTION	ON VI - GREAT SOUTHWEST PARKWAY WASTEWATER	IMPROVE	EMENT								
1	Barricading and traffic control, complete in place.	1	LS	\$ 7,000.00	\$ 7,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,300.00	\$ 1,300.00	\$ 4,000.00	\$ 4,000.00
	Site preparation including mobilization, project signs, clearing and										
2	grubbing, structure removals and site cleaning, work fully performed	1	LS	\$ 18.000.00	\$ 18,000.00	\$ 3,600.00	\$ 3,600.00	\$ 1,640.00	\$ 1,640.00	\$ 4,500.00	\$ 4,500.00
	as per specifications. Construction staking, work fully performed as per specifications,			\$ 18,000.00	\$ 18,000.00	\$ 3,600.00	\$ 3,600.00	\$ 1,640.00	\$ 1,640.00	\$ 4,500.00	\$ 4,500.00
3	compete in place	1	LS	\$ 3.000.00	\$ 3.000.00	\$ 750.00	\$ 750.00	\$ 988.00	\$ 988.00	\$ 500.00	\$ 500.00
4	Concrete Truck Washout Area, furnish and install complete in	1	EA							,	
4	place, as per details and specifications	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 700.00	\$ 700.00	\$ 650.00	\$ 650.00	\$ 500.00	\$ 500.00
5	Maintain Residential Property Access, construct complete in	1	LS								
	place, work fully performed	•		\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,300.00	\$ 4,300.00
6	4" PVC SDR 35 Wastewater service, remove old, furnish and install new complete in place, including embedment.	0	LF	\$ 30.00	s -	s -	s -	\$ 75.00	s -	s -	•
	4" Wastewater Service Reconnects (reinstatements), as per			30.00	-	-	-	\$ 75.00	· -	φ -	-
7	specifications, furnish and install complete and in place	0	EA	\$ 300.00	s -	s -	\$ -	\$ 650.00	\$ -	\$ -	\$ -
	Cleanout- Standard Wastewater, furnish and install, Cast Iron for									•	
8	Traffic Areas and Polypropylene for Non-Traffic Areas, complete	0	EA								
	and in place			\$ 175.00	\$ -	\$ -	\$ -	\$ 900.00	\$ -	\$ -	\$ -
9	8" PVC SDR 35 Wastewater line, remove old, furnish and install	102	LF								40.750.00
	new complete in place, including embedment. BY OPEN CUT 8" PVC SDR 35 Wastewater Line, remove old, furnish and install			\$ 62.00	\$ 6,324.00	\$ 95.00	\$ 9,690.00	\$ 75.00	\$ 7,650.00	\$ 125.00	\$ 12,750.00
10	new complete in place, including pit and grouting. BY PIPE BORE	0	LF	\$ 150.00	s -	s -	s -	\$ 165.00	s -	s -	s -
	8" HDPE SDR 17 Wastewater line, furnish and install new	00:		700.00			1		1		
11	complete in place, including pit. BY PIPE BURSTING	604	LF	\$ 150.00	\$ 90,600.00	\$ 60.00	\$ 36,240.00	\$ 118.00	\$ 71,272.00	\$ 80.00	\$ 48,320.00
										<u></u>	

FY 18 WATER & WASTEWATER REPLACEMENTS W.O. # 618.110 & 618.124

				ENGINEERS ESTIMATE			xcel 4	Canary Co	nstruction	Gra-Te	x Utilities
NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	EXTENDED PRICE (NUMBER ONLY)	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
12	Cut, Plug, and Abandon Existing 6" Wasterwater Main in Place, including plugs at all cuts for wastewater service connections to proposed 8" Wastewater Main and flowable fill of sections of existing 6" Wastewater Main to abandon in place, complete and in	1	LS								
13	place, work fully performed. Standard Type 4' Manhole, furnish and install, complete in place,	4	EA	\$ 6,000.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 500.0					
	as per specifications.	-		\$ 4,500.00			,				,
14 15	5' Drop Manhole Extra Depth for 4' Manhole	0	EA VF	\$ 4,600.00 \$ 210.00		\$ - \$ -	\$ - \$ -	\$ 9,000.00 \$ 260.00			\$ - \$ -
16	Concrete Encasement for 8" Wastewater Line, furnish and install above, below, and around pipe	0	LF	\$ 37.00		\$ -	\$ -	\$ 65.00	•	\$ -	\$ -
17	Concrete Encasement for 4" Wastewater Service Line, furnish and install above, below, and around pipe	0	LF	\$ 32.00		\$ -	s -	\$ 60.00	•	\$ -	s -
18	Crushed Stone for Pipe Embedment, furnish and install, as per details	10	CY	\$ 26.00	,	\$ 45.0	0 \$ 450.00			\$ 48.00	\$ 480.00
19	Trench safety, furnish and install, complete in place, including sheeting, shoring and bracing where required by OSHA Standards	102	LF		40				.		
20	that are in effect at the time of bid opening. Silt fence, furnish and install complete in place as per NCTCOG details and specifications as directed by the engineer	102	LF	\$ 1.25 \$ 1.50	\$ 127.50 \$ 153.00		0 \$ 102.00 0 \$ 612.00		\$ 102.00 \$ 255.00		•
21	Inlet protection, furnish and install complete in place as per NCTCOG details and specifications as directed by the engineer	3	EA	\$ 150.00					200.00		·
22	Sawcut, remove, and replace existing reinforced concrete pavement (5" to 8" thick) with Asphalt Overlay, including curb and gutter, work fully performed.	46	SY	\$ 150.00		\$ 100.0			\$ 3,910.00		\$ 7,774.00
23	Sawcut, remove, and replace existing HMAC pavement, replace with New HMAC repair section, including curb and gutter, work fully performed.	0	SY	\$ 150.00	,	\$ -	\$ -	\$ 95.00		\$ -	\$ -
24	Remove & Replace Existing concrete curb and gutter, sawcut and remove, work fully performed.	0	LF	\$ 14.00	\$ -	\$ -	\$ -	\$ 75.00	\$ -	\$ -	\$ -
25	Remove Existing WW Manhole and dispose of material in a legal manner	3	EA	\$ 450.00	\$ 1,350.00	\$ 500.0	0 \$ 1,500.00	\$ 900.00	\$ 2,700.00	\$ 800.00	\$ 2,400.00
26	Remove Existing WW Cleanout and dispose of in a legal manner.	0	EA	\$ 150.00	\$ -	\$ -	\$ -	\$ 300.00	\$ -	\$ -	\$ -
27	Remove and Replace Existing reinforced concrete sidewalk, sawcut and remove, work fully performed.	155	SF	\$ 26.00	\$ 4,030.00	\$ 6.0	0 \$ 930.00	\$ 8.00	\$ 1,240.00	\$ 53.00	\$ 8,215.00
28	St. Augustine or Bermuda grass solid sod, furnish and install complete in place.	29	SY	\$ 8.00	\$ 232.00	\$ 25.0	0 \$ 725.00	\$ 8.00	\$ 232.00	\$ 30.00	\$ 870.00
29	Shed Removal and Relocation, coordinate with property owner to relocate existing shed outside of easement to install service connections and manholes	0	EA	\$ -	s -	\$ -	\$ -	\$ 1,566.00	\$ -	s -	\$ -
30	Condition Survey, provide a condition survey for all properties within 50 feet of sanitary sewer ceneterline prior to beginning sewer construction and after construction.	1	EA	\$ 3,000.00			0 \$ 2,000.00		\$ 3,200.00	\$ 2,500.00	\$ 2,500.00
31	Exploratory TV survey, provide a televised inspetion video of all sanitary lines to determine location of all connections and manhole locations PRIOR to construction and Provide a televised Inspection video of all installed lines POST construction Total Bid Amount (Section VI)	1	EA	\$ 3,000.00				\$ 2,850.00			
1	. San Dia . and dire (deciron vi)	I .		1	170-20.00			1			
	Total Bid Amount (Sections I thru VI) 1 The successful Bidder will be required to hold his bid for				\$ 1,721,253.75		\$ 1,234,327.00	:	\$ 1,661,949.50		\$ 1,590,602.60
	i The Successful Blader will be required to hold his bid for ninety (90) days. 2. The Contractor shall agree to the number of calendar										
	days specified, submit a Bid Bond with the completed Bid Items, and include all addenda in the Bid documents, otherwise the Bid will be considered NON-RESPONSIVE and										