# SECOND AMENDMENT TO CONTRACTOR AGREEMENT (Emergency Utility Repairs for Water, Wastewater and Stormwater)

THIS SECOND AMENDMENT ("Amendment") to the Agreement is made as of , by and between the **City of Lake Worth Beach**, a Florida municipal corporation ("CITY") and **Johnson-Davis Incorporated.**, a Company authorized to do business in the State of Florida, hereinafter the ("CONTRACTOR").

WHEREAS, on July 10, 2020, the CITY entered into the Contractor Agreement with the CONTRACTOR to provide Emergency Utility Repairs for Water, Wastewater and Stormwater for Disaster Recovery to the CITY (the "Agreement"); and

WHEREAS, the term of the Agreement was for three (3) years with two (2) additional single year renewal options; and

WHEREAS, the CITY and the CONTRACTOR wish to amend the Agreement to extend the terms of the Agreement for additional one (1) year with all other terms and conditions remaining the same; and

WHEREAS, the CONTRACTOR submitted a revised rate schedule for the pricing to be provided under this Amendment, which rates are attached hereto as Exhibit "A" and incorporated herein; and

WHEREAS, this Agreement may be funded, in whole or in part, by the Federal agencies, in which case, the CONTRACTOR agrees that any services performed pursuant to this Agreement will comply with all applicable Federal law, Federal regulations, executive orders, FEMA policies, procedures, and directives and special clauses as provided in Agreement and additional Federal Contract provision incorporated with this Amendment in Exhibit "B"; and

**WHEREAS**, the CITY finds amending the Agreement as set forth herein is in the best interest of the CITY and serves a valid public purpose.

**NOW, THEREFORE,** in consideration of the mutual promises contained herein, the sufficiency of which is hereby acknowledged by each party hereto, the CITY and the CONTRACTOR agree to amend the Agreement, as follow:

- 1. **Recitals.** The parties agree that the recitals set forth above are true and correct and are fully incorporated herein by reference.
- 2. <u>Term of Agreement.</u> The effective date of this amendment is July 8, 2023. The parties agree that the term of the Agreement is hereby extended to July 9, 2024.
- 3. <u>Fee and Ordering Mechanism</u>. The Agreement is amended at Section 5, Fee and Ordering Mechanism, specifically paragraph 5.1, by deleting **Exhibit "C"** of the Agreement and replacing it with **Exhibit "A"** attached hereto and made a part hereof.

- 4. <u>Additional Federal Clauses</u>. The additional federal clauses attached hereto as **Exhibit** "B" are incorporated into the Agreement and made a part hereof.
- 5. <u>E-Verify</u>. Pursuant to Section 448.095(2), Florida Statutes, beginning on January 1, 2021, the CONTRACTOR shall:
- a. Register with and use the E-Verify system to verify the work authorization status of all newly hired employees and require all subcontractors (providing services or receiving funding under this Agreement) to register with and use the E-Verify system to verify the work authorization status of all the subcontractors' newly hired employees;
- b. Secure an affidavit from all subcontractors (providing services or receiving funding under this Agreement) stating that the subcontractor does not employ, contract with, or subcontract with an "unauthorized alien" as defined in Section 448.095(1)(k), Florida Statutes;
- c. Maintain copies of all subcontractor affidavits for the duration of this Agreement and provide the same to the CITY upon request;
- d. Comply fully, and ensure all of its subcontractors comply fully, with Section 448.095, Florida Statutes:
- e. Be aware that a violation of Section 448.09, Florida Statutes (Unauthorized aliens; employment prohibited) shall be grounds for termination of this Agreement; and,
- f. Be aware that if the CITY terminates this Agreement under Section 448.095(2)(c), Florida Statues, the CONTRACTOR may not be awarded a contract for at least 1 year after the date on which the Agreement is terminated and will be liable for any additional costs incurred by the CITY as a result of the termination of the Agreement.
- 6. Entire Agreement. The CITY and the CONTRACTOR agree that the Agreement and this Amendment set forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in this Amendment may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto. All other terms and conditions of the Agreement (except as amended herein) remain in full force and effect.
- 7. <u>Counterparts.</u> This Amendment may be simultaneously executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument. Either or both parties may sign this Amendment via facsimile, email or electronically and such signature is as valid as the original signature of such party.

REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK SIGNATURE PAGE FOLLOWS

IN WITNESS WHEREOF, the parties hereto have made and executed this Second Amendment to the Contractor Agreement for Emergency Utility Repairs for Water, Wastewater and Stormwater for Disaster Recovery on the day and year first above written:



EXPIRES: August 9, 2027

## CITY OF LAKE WORTH BEACH, FLORIDA

ATTEST:	By: Jamie Brown, Interim City Manager
By: Melissa Anne Coyne, MMC, City Cler	·k
APPROVED AS TO FORM AND LEGAL SUFFICIENCY:	APPROVED FOR FINANCIAL SUFFICIENCY
By: <u>Unisty Goddeau</u> Glen J. Torcivia, City Attorney	By: Monica Mc Naughton For Yannick Ngendahayo, Financial Services Director
CONTRACTOR: J	JOHNSON-DAVIS INCORPORATED
[Corporate Seal]	By: Print Name: Wm. Clark C. Cryp.
	Title: $\sqrt{P}$
STATE OF For ola COUNTY OF Jalm Beach	
or online notarization on this 15 day of as the Vice President [title] of Company, who is personally known to m	hat he or she is duly authorized to execute the foregoing
Notary Seal:	Notary Public Signature
NUMBER OF STREET	III

Page 3 of 16

# EXHIBIT "A"

# **Contractor's Schedule of Unit Prices**

	Bid Tabulation City of Lake Worth Beach		***************************************	***************************************
<del>yarangan dan dan dan dan dan dan dan dan dan d</del>	IFB 20-106 Emergency Utility Repairs for Water, Wastewater and S	**************************************	***************************************	***************************************
***************************************	5/12/2020 - 3:00 PM E.S.T.	cormwater	······································	
	37/2/2020 - 3:00 PM E.3.1.		· ·	<del>~~~~~~~~~</del>
				ļ
	-11 through GC-17 & W-117 have been excluded from the calculation as they are		***************************************	
present	ative of costs that are directly reimbursable by the City.			
		J.	ohnson Davis	;
ITEM			UNIT	PRIC
	GENERAL CONDITIONS			
GC-1	Emergency Mobilization/Demobilization Costs for Rear Easement repairs		LS	\$3,000
GC-2	Emergency Mobilization/Demobilization Costs for Utility Right of Way repairs		LS	\$3,000
GC-3	NDN-Emergency Mobilization/Demobilization Costs for Rear Easement repairs		LS	\$2,000
GC-4	NOIV-Emergency Mobilization/Demobilization Costs for Utility Right of Way repairs		LS	\$2,000
GC-5	Record Drawing (less than 40 LF of Utility Work)		LS	\$1,500.
GC-6	Record Drawing (more than 40 LF of Utility Work)		LS	\$3,500.
GC-7	Construction Survey		LS	<b>\$</b> 500.0
	M.O.T. Residential Street		EA	\$500.0
	M.O.T. City Arterial Roadway		EA	\$1,500.
	M.O.T. DOT Roadway		EA	\$3,000.
GC-11	Bacteriological Testing and Clearance of Water Mains (actual cost reimbursement by City)	/	ALLOWANCE	N≀A
	Density Tests (actual cost reimbursement by City)		***	N/A
	Prootor Tests (actual cost reimbursement by City)		***	N/A
	Florida Bearing Value Tests (actual cost reimbursement by City)		***	N/A
	LBR Test (Load Bearing Ratio) (actual cost reimbursement by City)		***	N/A
	Concrete 12" x 6" Cylinder Test (actual cost reimbürsement by City)		***	NIA
GC-17	Applicable Permits (actual cost reimbursement by City)		****	NIA
1 1 1 1 2 2 3	ANALYSIS, AND SEES SEEM VASTEVATER OF THE CONTROL AND AND ASSESSED.			salai eti
/astew	ATER FORCEMAIN- includes all fittings, appurtenances, restraints and restoration for a			
	complete installation			
	Furnish & Install 4-Inch C-300 DR-18 PVC Sewer Main		LF	\$80.00
	Furnish & Install 4-Inch Class 350 DIP Sewer Main		LF	\$85.00
	Furnish & Install 6-Inch C-300 DR-18 PVC Sewer Main		LF	\$90,00
	Furnish & Install 6-Inch Class 350 DIP Sever Main		LF	\$95.00
	Furnish & Install 8-Inch C-300 DR-18 PVC Sewer Main		LF	\$100.0
	Furnish & Install 8-Inoh Class 350 DIP Sever Main		LF	\$110,00
	Furnish & Install 10-Inoh C-900 DR-18 PVC Sever Main		LF	\$110.00
	Furnish & Install 10-Inch Class 350 DIP Sewer Main		LF	\$120,0
	Furnish & Install 12-Inch C-300 DR-18 PVC Sever Main		LF	\$120.00
	Furnish & Install 12-Inch Class 350 DIP Sewer Main		LF	\$130.00
	Furnish & Install 16-Inch C-305 DR-18 PVC Sewer Main		LF	\$145,00
	Furnish & Install 16-Inch Class 350 DIP Sewer Main		LF	\$155,00
	Furnish & Install 18-Inch C-905 DR-18 PVC Sever Main		LF	\$160.00
	Furnish & Install 18-Inoh Class 350 DIP Sewer Main		LF	\$165.00
	Furnish & Install 20-Inch C-305 DR-18 PVC Sewer Main		LF	\$245.00
F-16	Furnish & Install 20-Inch Class 350 DIP Sewer Main		LF	\$260,00
	W . T & C . T M A . L . L . M A . M A . M A . M A . M A . M A		) P*	4050.00
	Furnish & Install 24-Inch C-305 DR-18 PVC Sewer Main Furnish & Install 24-Inch Class 350 DIP Sewer Main		LF LF	\$350.00 \$380.00

L	F-20	Furnish & Install 30-Inoh Class 350 DIP Sewer Main		<u>L</u> F	\$480.00
	F-21	Furnish & Install 36-Inch C-905 DR-21 PVC Sewer Main		LF	\$525.00
20.00.0 <b>50000000</b>	F-22	Furnish & Install 36-Inch Class 350 DIP Sewer Main		LF	\$580,00
L	F-23	Furnish & Install 42-Inch Class 350 DIP Sewer Main		LF	\$820.00
G	RAVIT	Y SANITARY SEVER - includes all fittings, appurtenances, dewatering and restoration for			
		a complete installation			
30.00 distribut	F-24	Furnish & Install 8-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	\$220,00
***	F-25	Furnish & Install 8-Inch SDR-28 PVC Sewer Main	8'-12'Deep	LF	\$270,00
····· <del>}······</del>	F-26	Furnish & Install 8-Inch DR-18 PVC Sewer Main	12'+Deep	LF	\$300.00
	F-27	Furnish & Install 8-Inch Class 350 DIP Sewer Main	4'-8'Deep	LF	\$250.00
	F-28	Furnish & Install 8-Inch Class 350 DIP Sewer Main	8'-12' Deep	LF	\$350.00
	F-29	Furnish & Install 10-Inch SDR-26 PVC Sewer Main	4'-8'Deep	LF	\$230,00
	F-30	Furnish & Install 10-Inch SDR-26 PVC Sever Main	8' <b>-</b> 12' Deep	LF	\$280.00
ERE DANSON	F-31	Furnish & Install 10-Inch DR-18 PVC Sever Main	12' + Deep	L.F	\$340.00
2000 BANANA	F-32	Furnish & Install 10-Inch Class 350 DIP Sewer Main	4'-8'Deep	LF LF	\$200.00
· · · · · · · · · · · · · · · · · · ·	F-33	Furnish & Install 10-Inch Class 350 DIP Sever Main	8' - 12' Deep	LF	\$360,00
www. Brenton	F-34	Furnish & Install 12-Inch SDR-26 PVC Sewer Main	4'-8'Deep	LF	\$240.00
····· Dwarman	F-35	Furnish & Install 12-Inch SDR-26 PVC Sever Main	8'-12'Deep	LF	\$280.00
and Summer	F-36	Furnish & Install 12-Inoh DR-18 PVC Sewer Main	12' + Deep	LE	\$400,00
Section Sections	F-37	Furnish & Install 12-Inoh Class 350 DIP Sewer Main	4'-8'Deep	LF	\$240.00
S. B. G. S.	F-38	Furnish & Install 12-Inch Class 350 DIP Sever Main	8' - 12' Deep	LF	\$280.00
	F-39	Furnish & Install 15-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	\$280.00
2000	F-40	Furnish & Install 15-Inch SDR-26 PVC Sewer Main	8' - 12' Deep	LF.	\$370.00
5	F-41	Furnish & Install 15-Inch DR-18 PVC Sever Main	12'+Deep	<u>LF</u>	\$550.00
Same	-42	Furnish & Install 15-Inch Class 250 DIP Sewer Main	4'-8'Deep	LF	\$250.00
November	₹ <u>-43</u> ₹-44	Furnish & Install 15-Inch Class 250 DIP Sewer Main Furnish & Install 18-Inch P3 115 PVC Sewer Main	8'-12' Deep 4'-8' Deep	LF LF	\$290,00
*****	-45	Furnish & Install 18-Inch PS 115 PVC Sever Main	4 - 0 Deep 8' - 12' Deep	Lr Lf	\$300,00
Bureaum	-40 -46	Furnish & Install 18-Inch DR-18 PVC Sewer Main	0 * 12 Deep 12'+Deep	LF	\$440.00
	-40 -47	Furnish & Install 18-Inch Class 250 DIP Sewer Main	1 <u>2 т Deep</u> 4' - 8' Deep	LF LF	\$580.00 \$300.00
San Burning	-48	Furnish & Install 18-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF LF	\$320.00
and the same of th	-49	Furnish & Install 21-Inch PS 115 PVC Sewer Main	4'-8'Deep	LF LF	\$320.00
····· Business	-50	Furnish & Install 21-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF.	\$450,00
Control of the contro		Furnish & Install 21-Inch DR-18 PVC Sewer Main	12" + Deep	LF	\$620,00
- Commission	**********	Furnish & Install 20-Inch Class 250 DIP Sewer Main	4'-8'Deep	T LF	\$360.00
inn. Samuelania	***************************************	Furnish & Install 20-Inoh Class 250 DIP Sewer Main	8' - 12' Deep	T.F	\$400,00
2000	<del>harana mana</del>	Furnish & Install 24-Inoh PS 115 PVC Sewer Main	4'-8'Deep	LF	\$340.00
F	-55	Furnish & Install 24-Inch P3 115 PVC Sever Main	8' - 12' Deep	LF	\$470.00
Вишинин	***************************************	Furnish & Install 24-Inch DR-18 PVC Sever Main	12' + Deep	LF	\$680,00
F	-57	Furnish & Install 24-Inch Class 250 DIP Sewer Main	4'-8'Deep	LF	\$400.00
F	-58	Furnish & Install 24-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	\$520.00
F	-59	Furnish & Install 30-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	\$380.00
F	-60	Furnish & Install 30-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	\$510.00
·	•••••••••••••••••••••••••••••••••••••••	Furnish & Install 30-Inch DR-18 PVC Sewer Main	12' + Deep	LF	\$740,00
	***************************************	Furnish & Install 30-Inch Class 250 DIP Sewer Main	4'-8'Deep	LF	\$620,00
- Emmonmen		Furnish & Install 30-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	\$780.00
S		Furnish & Install 36-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	\$800.00
· Promotorium	***************************************	Furnish & Install 38-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	\$700,00
···· Brownson		Furnish & Install 36-Inch DR-21PVC Sewer Main	12' + Deep	LF	\$800,00
F.	-67	Furnish & Install 36-Inch Class 250 DIP Sewer Main	4'-8'Deep	LF	\$680,00

Sani	tary Sever Lateral Clean-Out including out-in vye and all appurtenances for complete installation			
F-69	Sanitary Sewer 6" Lateral & Clean-out (single)	<7' dep≀h to main	EA	\$2,500,00
F-70	Sanitary Sewer 6" Lateral & Clean-out (double)	<7' depth to main	EA	\$3,000.00
F-71	Sanitary Sewer 6" Lateral & Clean-out (single)	>7' depth to main	EA	\$4,500.00
F-72	Sanitary Sevier 6" Lateral & Clean-out (double)	>7' depth to main	EA	\$5,000,00
F-73	Sanitary Sewer 8" Lateral & Clean-out (single)		EA	\$3,500.00
F-74	Sanitary Sewer 8" Lateral & Clean-out (double)		EΑ	\$4,000.00
	Furnish & Install Gate Valve & Valve Box			
F-75	4" Gate Valve & Valve Box		EA	\$1,400.00
F-76	6" Gate Valve & Valve Box		EA	\$1,600.00
F-77	6" Plug Valve & Valve box		EA	\$2,700.00
F-78	8" Plug Valve & Valve box		EA	\$3,500.0
F-79	10" Plug Valve & Valve box		EΑ	\$4,000,00
F-80	12" Plug Valve & Valve box		EA	\$7,000.00
F-81	16" Plug Valve & Valve box		EA	\$10,000.0
F-82	20" Plug Valve & Valve box		EA	\$20,000.0
	Furnish & Install Tapping Sleeve with Valve & Valve Box			
F-83	4"x 4" Tapping Sleeve w/Valve & Valve Box		EA	\$3,000.00
F-84	6"x 4" Tapping Sleeve w/Valve & Valve Box		EA	\$3,500.00
F-85	6"x6" Tapping Sleeve w/Valve & Valve Box		EA	\$3,900.00
F-86	8"x 4" Tapping Sleeve w/Valve & Valve Box		EA	\$3,600.00
F-87	8"x6" Tapping Sleeve w/Valve & Valve Box	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	EA	\$5,000.00
F-88	8"x8" Tapping Sleeve w/Valve & Valve Box		EA	\$5,500.00
F-89	10" x 4" Tapping Sleeve w/Valve & Valve Box		EA	\$3,800.00
F-90	10" x 6" Tapping Sleeve w/Valve & Valve Box		EΑ	\$6,100.00
F-91	10" x 8" Tapping Sleeve w/Valve & Valve Box		EA	\$8,500.00
F-92	10" x 10" Tapping Sleeve w/Valve & Valve Вох		EA	\$7,000.00
F-93	12" x 4" Tapping Sleeve w/Valve & Valve Box		EA	\$4,000.00
F-94	12" x 8" Tapping Sleeve w/Valve & Valve Box		EΑ	\$5,600.00
F-95	12" x 8" Tapping Sleeve w/Valve & Valve Box		EA	\$6,500.00
F-96	12" x 10" Tapping Sleeve w/Valve & Valve Box		EΑ	\$7,000.00
F-97	12" x 12" Tapping Sleeve w/Valve & Valve Box		EA	\$9,000.00
F-98	16" x 6" Tapping Sleeve w/Valve & Valve Box		EA	\$5,500.00
F-99	16" x 6" Tapping Sleeve w/Valve & Valve Box		EA	\$7,000.00
:-100	16" x 10" Tapping Sleeve w/Valve & Valve Box		EA	\$8,500.00
F-101	16" x 12" Tapping Sleeve w/Valve & Valve Box		EA	\$9,600,00
F-102	16" x 16" Tapping Sleeve w/Valve & Valve Box		EA	\$17,500.00
-103	18" x 6" Tapping Sleeve w/Valve & Valve Box		EA	\$6,500.00
-104	16" x 8" Tapping Sleeve w/Valve & Valve Box		EA	\$8,200,00
-105	18" x 10" Tapping Sleeve wiValve & Valve Box		EA	\$9,500,00
°-106	16" x 12" Tapping Sleeve w/Valve & Valve Box	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	EA	\$11,000.00
-107	16" x 16" Tapping Sleeve w/Valve & Valve Box		EA	\$12,000.00
-108	18" x 18" Tapping Sleeve w/Valve & Valve Box		EA	\$29,000.00
-109	20" x 6" Tapping Sleeve w/Valve & Valve Box	-	EA	\$7,500,00
-110	20" x 8" Tapping Sleeve w/Valve & Valve Box		EA	\$11,500.00
	20" x 10" Tapping Sleeve v/Valve & Valve Box		EΑ	\$16,500.00
	20" x 12" Tapping Sleeve w/Valve & Valve Box		EA	\$17,500,00
	20" x 16" Tapping Sleeve w/Valve & Valve Box		EA	\$20,500.00
***************************************	20" x 20" Tapping Sleeve w/Valve & Valve Box		EA	\$35,000.00

******	A particular de la companya della companya della companya de la companya della co				
	F-115	36" x 18" Tapping Sleeve w/Valve & Valve Box		EA	\$27,000.00
300Arv-	F-116	36" x 24" Tapping Sleeve w/Valve & Valve Box		EA	\$36,000.00
	F-117	36" x 30" Tapping Sleeve w/Valve & Valve Box	///	EA	\$55,000,00
30990	F-118	Wastewater Force Main 2" Air Release Valve w/Manhole		EA	\$8,000.00
	F-119	Wastewater Force Main 2" or 3" Air/Vacuum Valve		EA	\$3,000.00
	F-120	Wastewater Force Main 2"x1", 2"x2", 2"x3" Combination Air Valve w/Manhole	11	EA	\$8,000.00
54364-	F	urnish & Install Line Stop inclusive of all appurtenances for a complete installation			
depolace	F-121	4"Insertion Line Stop		EA	\$4,000.00
900100	F-122	6"Insertion Line Stop		T ĒĀ	\$4,500.00
\$80,1450	F-123	8" Insertion Line Stop	***************************************	T ĒĀ	\$5,500,00
20000-00-	F-124	10" Insertion Line Stop	**************************************	H EA	\$6,500.00
A 25A	F-125	12" Insertion Line Stop	*******************************	<del>│ Ё</del> Ä	\$10,000.00
********	F-126	16" Insertion Line Stop		T EA	\$12,000.00
1.6 have	F-127	18" Insertion Line Stop	***************************************	T EA	\$18,000.00
Sections.	F-128	20" Insertion Line Stop		EA	\$20,000.00
entino.	F-129	24"Insertion Line Stop	***************************************	T EA	\$30,000.00
*******	F-130	30' Insettion Line Stop	***************************************	EA	\$40,000.00
	F-131	35" Insertion Line Stop	***************************************	EA	\$50,000.00
		Install new Standard Precast Concrete 48" diameter Manhole Structure to include Bench		1 47	¥30,000.00
		and Ring and Cover including City approved coatings (inside and out) at a depth of:			
20000000	F-132	0'-4'FT Deep		EA	\$5,000.00
	F-133	4'-6'FT Deep	<u> </u>	EA	\$8,000.00
NAMES OF	F-134	6'-8'FTDeep	<u> </u>	EA	\$10,000.00
et et an	F-135	6'-10'FTDeep	<u>.</u>	EA	\$11,000.00
v	F-136	10' - 12' FT Deep	{ {	H EA	\$12,000.00
MARCO.	F-137	12' - 14' FT Deep	1	H EA	\$18,000.00
******	F-138	14' - 16' FT Deep	<u>:</u>	EA	\$18,000,00
ana.	F-139	16'-20'FT Deep	3 	EA	\$21,000,00
	1 100	MISCELLANEOUS		L Ln	927,000.00
X 0/40	E 440		÷	F.	AVEOD OO
CARROLL S	F-140	Core drill exist manhole (Any size)	1	EA	\$1,500.00
	*** 4.8.4	SANITARY CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and	app.		iele aa
ı	F-141	backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter.		HR	\$515.00
		Material costs shall be included with invoice with maximum 15% markup.			
,		WATERMAIN" SOME SOME SOME SOME SOME SOME SOME SOME	ennun muunuu muunuu muu muu muu muu muu m	***************************************	
,		Quoted in the Water Main Section are Interchangeable with Ray Water Lines as needed			
ı	AHIC	RMAIN- includes all fittings, appurtenances, restraints and restoration for a complete			
}		installation. Includes testing: density, pressure and bacteriological.		-	
	W-1	Furnish & Install 4-Inch C-900 DR-18 PVC Water Main	<del>mankalataanakalataala aanaanaan</del>	<u>LF</u>	\$85.00
	W-2	Furnish & Install 4-Inch Class 350 DIP Water Main	***************************************	LF	\$90.00
_	<u>W-3</u>	Furnish & Install 6-Inch C-900 DR-18 PVC Water Main	·	LF.	\$95,00
<b>J</b>	<u>W-4</u>	Furnish & Install 6-Inch Class 350 DIP Water Main		LF	\$100.00
].	W-5	Furnish & Install 8-Inch C-900 DR-18 PVC Water Main		LF	\$105.00
	W-6	Furnish & Install 8-Inch Class 350 DIP Water Main	***************************************	LF	\$115.00
	W-7	Furnish & Install 10-Inch C-900 DR-18 PVC Water Main		LF	\$115,00
	W-8	Furnish & Install 10-Inch Class 350 DIP Water Main	***************************************	LF	\$125.00
↓	W-9	Furnish & Install 12-Inch C-900 DR-18 PVC Water Main		LE	\$125.00
_		Furnish & Install 12-Inch Class 350 DIP Water Main		LF.	\$135.00
		Furnish & Install 16-Inoh C-905 DR-18 PVC Water Main	-	LF	\$145.00
	***************************************	Furnish & Install 16-Inch Class 250 DIP Water Main	***************************************	LF.	\$155.00
-		Furnish & Install 18-Inch C-905 DR-18 PVC Water Main	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	LF	\$160.00
		Furnish & Install 18-Inch Class 250 DIP Water Main	***************************************	LF I F	\$165.00
L	W-15	Furnish & Install 20-Inch C-905 DR-18 PVC Water Main	-	LF	\$245,00

I	W-16	Furnish & Install 20-Inoh Class 250 DIP Water Main	l LF	\$260,00
ion	W-17	Furnish & Install 24-Inch C-305 DR-18 PVC Water Main	THE IF	\$350.00
***	W-18	Furnish & Install 24-Inoh Class 200 DIP Water Main	·- r-ij-	\$380.00
400.00	Ŵ-19	Furnish & Install 30-Inoh C-305 DR-21 PVC Water Main	T IF	\$450.00
•	W-20	Furnish & Install 30-Inch Class 200 DIP Water Main	LF	\$480.00
4000	W-21	Furnish & Install 36-Inch C-305 DR-21 PVC Water Main	T LF	\$525.00
2	W-22	Furnish & Install 36-Inch Class 200 DIP Water Main	T LF	\$580.00
e aniquit a c	***************************************	Furnish & Install Gate Valve & Valve Box	***	7000,00
1	W-23	4"Gate Valve & Valve Box	EA	\$1,400,00
***	W-24	6" Gate Valve & Valve Box	EA	\$1,600.00
****	W-25	8° Gate Valve & Valve Box	EA	\$1,800,00
20 miles (	W-26	10" Gate Valve & Valve Box	EA	\$3,000.00
Ī	W-27	12" Gate Valve & Valve Box	EA	\$3,500.00
Ĩ	W-28	16" Gate Valve & Valve Box	EA	\$8,500.00
		Furnish & Install Butterfly Valve & Valve Box		
5.00	W-29	14" Butterfly Valve & Valve Box	EA	\$4,000,00
	W-30	16" Butterfly Valve & Valve Box	EA	\$4,500,00
	W-31	18" Butterfly Valve & Valve Box	EA	\$5,000.00
	W-32	20" Butterfly Valve & Valve Box	EA	\$7,000,00
[	W-33	24" Butterfly Valve & Valve Box	EA	\$10,000.00
	W-34	30" Butterfly Valve & Valve Box	EA	\$15,000,00
	W-35	36" Butterfly Valve & Valve Box	EA	\$24,000.00
Ĺ		Furnish & Install Tapping Sleeve ⊌ith Valve & Valve Box		
	W-36	4"x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$3,500.00
	W-37	6° x 4° Tapping Sleeve w/Valve & Valve Вох	EA	\$4,000.00
	W-38	6"x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$4,500.00
	W-39	8"x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$3,600.00
	W-40	8"x6" Tapping Sleeve w/Valve & Valve Box	EA	\$5,000.00
	W-41	8"x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$6,000.00
	W-42	10" x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$7,000.00
	W-43	10" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$8,500,00
	W-44	10" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$9,500.00
	W-45	10" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$10,000.00
	W-46	12" x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$4,500,00
	W-47	12" x 6" Tapping Sleeve w Walve & Valve Box	EA	\$8,000.00
	W-48	12" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$9,000.00
	W-49	12" x 10" Tapping Sleeve w/Valve & Valve Box	<u>EA</u>	\$7,000,00
	W-50	12" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$9,000,00
	W-51	16" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$8,500.00
	W-52	16" x 8" Tapping Sleeve w / Valve & Valve Box	EA	\$10,000,00
	W-53	16" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$11,000.00
	W-54	16" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$9,600.00
	W-55	16" x 16" Tapping Sleeve w/Valve & Valve Box	EA	\$17,500.00
	W-56	18" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$6,500.00
	W-57	18" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$8,200.00
	W-58	18" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$9,500.00
	W-59	18" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$11,000,00
	W-60	18" x 15" Tapping Sleeve w/Valve & Valve Box	EA	\$12,000.00
	W-61	18" x 18" Tapping Sleeve w/Valve & Valve Box	EA	\$29,000.00
	W-62	20" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$7,500.00
	W-63	20" x 8" Tapping Sleeve w/Valve & Valve Box	EA EA	\$8,400.00
<b>.</b>	W-64	20" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$10,200,00
	W-65	20" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$11,200,00

W-57   20" x 20" tapping Sleeve v Vivalve & Valve Box   EA   \$35,000	W-66	[20" x 16" Tapping Sleeve w/Valve & Valve Box		EA	\$20,500.00
W-56				En En	
W-69	200001				
W-70	Deserved movement and an arrangement of				
M-71   24" to 15 Tapping Sleeve w Nalve & Valve Box	········ Brunnannannannannannannannannannannannanna				WWW.
W-72   24" x 15" apoing Sleeve w/ Valve & Valve Box	San		****		
W-73   24" x 20" Tapping Sleeve w IV-alve & Valve Box	AAAA AAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAA		······································		\$12,000.00
W-74   30" x 6" Tapping Sleeve w/Valve 8 ox   EA			<u> </u>		\$16,800,00
W-75   30" x 6" Tapping Sleeve w/Valve & Valve Box	Acres Britishamanananan				\$27,000,00
W-76   30" x 10" Tapping Sleeve w/Valve & Valve Box			***************************************		\$8,500.00
W-77   30" x 10" Tapping Sleeve w Nalve & Valve Box					\$9,500.00
W-78   30" x 16" Tapping Sleeve w/Valve & Valve Box					\$10,600.00
W-73   30" x 20" Tapping Sleeve w/Valve & Valve Box	The second secon				\$11,800.00
W-80   36" x 6"Tapping Sleeve w Walve & Valve Box					\$16,400,00
W-81   36" x 8" Tapping Sleeve w/Valve & Valve Box	San Sunna Su				\$32,000,00
W-62   36" x 10" Tapping Sleeve w/Valve & Valve Box	······································				\$9,000,00
W-83   36" x 12" Tapping Sleeve w/Valve & Valve Box	Contract Con				\$10,000.00
W-84         36" x 16" Tapping Sleeve w/Valve & Valve Box         EA         \$14,500           W-85         36" x 20" Tapping Sleeve w/Valve & Valve Box         EA         \$33,800           W-86         36" x 24" Tapping Sleeve w/Valve & Valve Box         EA         \$30,000           W-76         36" x 30" Tapping Sleeve w/Valve & Valve Box         EA         \$62,000           Furnish & Install Line Stop includes all appurtenances for a complete installation           W-88         4" Insertion Line Stop         EA         \$8,000           W-89         6" Insertion Line Stop         EA         \$10,000           W-90         8" Insertion Line Stop         EA         \$10,000           W-91         10" Insertion Line Stop         EA         \$10,000           W-92         12" Insertion Line Stop         EA         \$10,000           W-93         16" Insertion Line Stop         EA         \$30,000           W-94         18" Insertion Line Stop         EA         \$30,000           W-95         20" Insertion Line Stop         EA         \$30,000           W-95         38" Insertion Line Stop         EA         \$30,000           W-95         38" Insertion Line Stop         EA         \$75,000           Fire Hydr	2000 <b>- British British British</b>				\$11,500.00
W-85   36" x 20" Tapping Sleeve w/Valve & Valve Box	W-83			EA	\$12,600,00
W-86   36" x 24" Tapping Sleeve w/Valve & Valve Box	W-84		ŀ	EA	\$14,500,00
W-87   36" x 30" Tapping Sleeve wIValve & Valve Box   EA   \$82,000	W-85	36" x 20" Tapping Sleeve w/Valve & Valve Box		EA	\$33,800.00
Furnish & Install Line Stop includes all appurtenances for a complete installation	W-86	36" x 24" Tapping Sleeve w/Valve & Valve Box		EA	\$39,000,00
W-88	W-87	36" x 30" Tapping Sleeve wiValve & Valve Box		EA	\$62,000.00
W-88					
W-89   8" Insertion Line Stop   EA   \$8,000   W-90   8" Insertion Line Stop   EA   \$10,000   W-91   10" Insertion Line Stop   EA   \$12,000   W-92   12" Insertion Line Stop   EA   \$14,000   W-93   16" Insertion Line Stop   EA   \$30,000   W-93   16" Insertion Line Stop   EA   \$32,000   W-94   18" Insertion Line Stop   EA   \$32,000   W-95   20" Insertion Line Stop   EA   \$33,000   W-96   36" Insertion Line Stop   EA   \$37,5000   EA   \$75,000   W-98   36" Insertion Line Stop   EA   \$7,000   EA   \$7,000   W-97   Fire Hydrant Assembly w 16" Gate Valve, restraints, etc.   EA   \$7,000   W-98   Remove & Replace Fire Hydrant Assembly   EA   \$7,800   W-98   Bollards for Fire Hydrant Assembly   EA   \$7,800   W-98   Bollards for Fire Hydrant Assembly   EA   \$7,800   W-99   EA   \$1,000   W-100   Sample Points widouble strap saddle & corp stop   EA   \$1,000   W-101   Sample Points widouble strap saddle & corp stop   EA   \$1,000   W-102   2" Blowoff piping with box   EA   \$1,000   W-103   Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")   EA   \$6,500   W-104   Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")   EA   \$9,000   W-105   Short Single service (1-2" Poly) (up to 10" long) includes meter box and all appurtenances except meter   EA   \$1,400   W-106   Short Double Service (1-2" Poly) (up to 10" long) includes meter box and all appurtenances except meter   EA   \$1,400   EA   \$1,400	W-88	4" Insertion Line Stop		EA	\$6,000.00
W-91       10"Insertion Line Stop       EA       \$12,000         W-92       12" Insertion Line Stop       EA       \$14,000         W-93       16" Insertion Line Stop       EA       \$30,000         W-94       18" Insertion Line Stop       EA       \$33,000         W-95       20" Insertion Line Stop       EA       \$7,000         Fire Hydrants Stop         W-98       36" Insertion Line Stop       EA       \$7,000         Fire Hydrant Line Stop       EA       \$7,000         W-98       15" Hydrant Assembly w/6" Gate Valve, restraints, etc.       EA       \$7,000         W-98       15" Hydrant Assembly w/6" Gate Valve, restraints, etc.       EA       \$7,000         W-99       15" Hydrant Assembly w/6" Gate Valve, restraints, etc.       EA       \$7,000         W-99       15" Hydrant Assembly w/6" Gate Valve, restraints, etc.       EA       \$7,000         W-99       15" Hydrant Assembly w/6" Gate Valve, restraints, etc.       EA       \$7,000         W-99       15" Hydrant Assembly w/6" Gate Valve, restraints, etc.       EA       \$7,000         W-99       15" Hydrant Assembly w/6" Gate Valve, restraints, etc.       EA       \$7,000	W-89	8" Insertion Line Stop		EA	\$8,000,00
W-92       12" Insertion Line Stop       EA       \$14,000         W-93       16" Insertion Line Stop       EA       \$30,000         W-94       18" Insertion Line Stop       EA       \$32,000         W-95       20" Insertion Line Stop       EA       \$75,000         Fire Hydrants Stop         Fire Hydrants Stop         W-96       36" Insertion Line Stop       EA       \$75,000         W-97       Fire Hydrants Assembly w/ 6" Gate Valve, restraints, etc.       EA       \$7,000         W-98       Remove & Replace Fire Hydrant Assembly       EA       \$7,000         W-99       Bollards for Fire Hydrant Assembly       EA       \$7,000         W-99       Bollards for Fire Hydrant Assembly       EA       \$1,000         W-100       Sample Points widouble strap saddle & corp stop       EA       \$1,000         W-101       Sample Points widouble strap saddle & corp stop       EA       \$1,000         W-102       2"Blowoff piping with box       EA       \$1,000         W-103       Water Main 1" Combination Air Release Valve w/Manhole (pipes larger than 16")       EA       \$3,000         W-104       Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")       EA       \$3,000 <td></td> <td>8" Insertion Line Stop</td> <td>į</td> <td>EA</td> <td>\$10,000,00</td>		8" Insertion Line Stop	į	EA	\$10,000,00
W-32   12" Insertion Line Stop	Committee of the Commit			EA	\$12,000.00
W-33       16" Insertion Line Stop       EA       \$30,000         W-34       18" Insertion Line Stop       EA       \$32,000         W-35       20" Insertion Line Stop       EA       \$75,000         Fire Hydrant Stop       EA       \$75,000         W-96       36" Insertion Line Stop       EA       \$7,000         W-97       Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.       EA       \$7,000         W-38       Remove & Replace Fire Hydrant Assembly       EA       \$7,000         W-39       Bollards for Fire Hydrant Assembly       EA       \$7,000         W-30       Sample Points widouble strap saddle & corp stop       EA       \$1,000         W-100       Sample Points on Fire Hydrants       EA       \$1,000         W-101       Sample Points on Fire Hydrants       EA       \$1,000         W-102       2" Blowoff piping with box       EA       \$1,000         W-103       Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")       EA       \$6,500         W-104       Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")       EA       \$1,000         W-105       Short Single service (1-2" Poly) (up to 10" long) includes meter box and all appurtenances except meter	W-92			EA	\$14,000.00
W-94   18" Insertion Line Stop	W-93	16" Insertion Line Stop	e de la companya de l	EA	\$30,000,00
W-95   20" Insertion Line Stop	W-94			EA	\$32,000.00
W-96   38" Insertion Line Stop   EA   \$75,000.	W-95			EA	\$33,000.00
W-97   Fire Hydrant Assembly w/6" Gate Valve, restraints, etc.	W-96	36" Insertion Line Stop		EA	\$75,000.00
W-98         Remove & Replace Fire Hydrant Assembly         EA         \$7,800.0           W-99         Bollards for Fire Hydrant         LS         \$300.0           W-100         Sample Points w/double strap saddle & corp stop         EA         \$1,000.0           W-101         Sample Points on Fire Hydrants         EA         \$1,000.0           W-102         2" Blowoff piping with box         EA         \$1,000.0           W-103         Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")         EA         \$6,500.0           W-104         Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")         EA         \$9,000.0           W-105         Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter         EA         \$1,200.0           W-106         Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter         EA         \$1,400.0					
W-93         Bollards for Fire Hydrant         LS         \$300,0           W-100         Sample Points w/double strap saddle & corp stop         EA         \$1,000,0           W-101         Sample Points on Fire Hydrants         EA         \$1,000,0           W-102         2"Blowoff piping with box         EA         \$1,000,0           W-103         Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")         EA         \$6,500,0           W-104         Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")         EA         \$9,000,0           W-105         Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter         EA         \$1,200,0           W-106         Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter         EA         \$1,400,0	W-97	Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.		EA	\$7,000.00
W-39         Bollards for Fire Hydrant         LS         \$300,0           W-100         Sample Points w/double strap saddle & corp stop         EA         \$1,000,0           W-101         Sample Points on Fire Hydrants         EA         \$1,000,0           W-102         2" Blow off piping with box         EA         \$1,000,0           W-103         Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")         EA         \$6,500,0           W-104         Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")         EA         \$9,000,0           W-105         Short Single service (1-2" Poly) (up to 10" long) includes meter box and all appurtenances except meter         EA         \$1,200,0           W-106         Short Double Service (1-2" Poly) (up to 10" long) includes meter box and all appurtenances except meter         EA         \$1,400,0	W-98	Remove & Replace Fire Hydrant Assembly			\$7,800.00
W-100       Sample Points w/double strap saddle & corp stop       EA       \$1,000.0         W-101       Sample Points on Fire Hydrants       EA       \$1,000.0         W-102       2"Blowoff piping with box       EA       \$1,000.0         W-103       Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")       EA       \$6,500.0         W-104       Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")       EA       \$9,000.0         Water Services         W-105       Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter       EA       \$1,200.0         W-106       Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter       EA       \$1,400.0	W-99	Bollards for Fire Hydrant	**************************************	LS	\$300,00
W-102 2" Blowoff piping with box EA \$1,000.0 W-103 Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16") EA \$6,500.0 W-104 Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16") EA \$9,000.0 Water Services W-105 Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter EA \$1,200.0 Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter EA \$1,400.0	W-100	Sample Points widouble strap saddle & corp stop			\$1,000.00
W-102 2" Blowoff piping with box EA \$1,000.0 W-103 Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16") EA \$6,500.0 W-104 Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16") EA \$9,000.0  Water Services W-105 Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter W-106 Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter EA \$1,400.0	W-101	Sample Points on Fire Hydrants		~~~ <del>~</del> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\$1,000.00
W-103 Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16") W-104 Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16") EA \$5,500.0  Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16") EA \$9,000.0  Water Services  W-105 Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter W-106 Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter EA \$1,200.0	W-102	2" Blowoff piping with box			\$1,000.00
W-104         Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")         EA         \$9,000,0           W-105         Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter         EA         \$1,200,0           W-106         Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter         EA         \$1,400,0	W-103	Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")			\$6,500.00
W-105 Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter EA \$1,200,0 W-106 Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter EA \$1,400,0	W-104	Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")			\$9,000,00
W-106 Short Double Service (1-2" Poly) (up to 10" long) includes meter box and all appurtenances except meter EA \$1,400.0					
				EA	\$1,200,00
					\$1,400.00
W-107   Short Service for Meter Bank (2" Poly) (up to 10' long) (includes up to 3 services)   EA \$2,000.0		Short Service for Meter Bank (2" Poly) (up to 10' long) (includes up to 3 services)	-	<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	\$2,000,00
W-108 Additional services on short service meter bank EA \$1,000.0		Additional services on short service meter bank			\$1,000,00
	W-109	Long Single Service (1-2" poly w/3" casings) (up to 50' Long)		<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	\$1,800.00
	W-110	Long Double Service (1-2" poly w/3" casings) (up to 50" Long)	<u> </u>		\$2,000.00
	W-111	Long Service for Meter Bank (2" Poly) (up to 50' long) (includes up to 3 services)		······	\$2,200.00
	W-112	Additional services on long service meter bank	***************************************	<del>~~</del> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\$1,000.00

	Abandonment	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
W-113	Cut existing watermain and connect proposed watermain	one et man en	EA	\$4,000.00
W-114	Cut and plug existing watermain to be abandoned		EA	\$1,000.00
W-115	Abandon & grout fill existing 4-6" watermain		LF	\$15.00
W-116	Remove & dispose existing watermain		LF	\$20.00
W-117	Remove & Dispose AC Water Main (actual cost reimbursement by City)		85 Hz	N/A
	Miscellaneous			
	WATER CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling			
W-118	equipment necessary for PVC, HDPE or metal pipe laying or repair up to 36" diameter. Material costs shall be		l HR	\$515.00
	included with invoice with maximum 15% markup.			
, Na.	STORM WATER	NA HOLE		
STORM S	EWER – includes all fittings, appurtenances, dewatering and restoration for a complete in			
S-1	Furnish & Install 12-Inoh PVC Sewer Main	0'-6'Deep	LF	\$80,00
S-2	Furnish & Install 12-Inch PVC Sewer Main	6'-8' Deep	LF	\$100.00
5-3	Furnish & Install 12-Inch RCP Sewer Main	0' - 6' Deep	LF	\$80,00
S-4	Furnish & Install 12-Inch RCP Sewer Main	6' - 8' Deep	LF	\$100.00
S-5	Furnish & Install 12-Inch HDPE Sewer Main	0' - 6' Deep	LF	\$80.00
S-6	Furnish & Install 12-Inoh HDPE Sewer Main	6'-8'Deep	LF	\$100.00
S-7	Furnish & Install 15-Inch RCP Sever Main	0' - 6' Deep	LF	\$100.00
S-8	Furnish & Install 15-Inch RCP Sewer Main	6' - 8' Deep	LF	\$120.00
S-9	Furnish & Install 18-Inch PVC Sewer Main	0' - 6' Deep	LF	\$110.00
S-10	Furnish & Install 18-Inoh PVC Sever Main	6' - 8' Deep	LF	\$120.00
S-11	Furnish & Install 18-Inch RCP Sever Main	0'-6'Deep	LF	\$110.00
	Furnish & Install 18-Inch RCP Sever Main	6' - 8' Deep	LF	\$120.00
	Furnish & Install 18-Inoh HDPE Sewer Main	0'-6'Deep	LF	\$110,00
	Furnish & Install 18-Inch HDPE Sewer Main	6' - 8' Deep	ĹF	\$120.00
S-15	Furnish & Install 24-Inoh PVC Sewer Main	0'-6'Deep	<u> </u>	\$120.00
************	Fuinish & Install 24-Inoh PVC Sewer Main	6' - 8' Deep	ĹF	\$140.00
animiamaananmmin	Furnish & Install 24-Inoh PCP Sewer Main	0' - 6' Deep	ĪF T	\$120.00
	Furnish & Install 24-Inoh RCP Sever Main	6' - 8' Deep	<u> </u>	\$140.00
mariem electron concernate de	Furnish & Install 24-Inch HDPE Sewer Main	0'-6'Deep	T LF	\$120.00
<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	Furnish & Install 24-Inch HDPE Sewer Main	6'-8'Deep	TF.	\$140.00
	Furnish & Install 30-Inch PVC Sewer Main	0'-6'Deep		\$140.00
	Furnish & Install 30-Inoh PVC Sever Main	6'-8'Deep	LF	\$180.00
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Furnish & Install 30-Inch PCP Sever Main	0'-6'Deep	LF	\$140.00
***************************************	Furnish & Install 30-Inch RCP Sever Main	6'-8'Deep	LF	\$160.00
<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	Furnish & Install 30-Inoh RCP Sever Main	8' - 10' Deep	LF	\$180.00
unummuumma a	Furnish & Install 36-Inoh PVC Sewer Main	0'-6'Deep	TF T	\$160.00
***************************************	Furnish & Install 36-Inch PVC Sever Main	6'-8'Deep	LF	\$180.00
	Furnish & Install 36-Inch RCP Sever Main	0'-6'Deep	LF LF	\$160.00
<del>(************************************</del>	Furnish & Install 36-Inch RCP Sever Main	6'-8'Deep	LF	\$180.00
<del></del>	Furnish & Install 38-Inch RCP Sever Main	8'-10' Deep	LF	\$200.00
**************************************	Furnish & Install 42-Inch PVC Sever Main	0'-6'Deep	LF	<del>•</del>
distantant distant	Furnish & Install 42-Inch PVC Sewer Main	0 = 0 Deep   6' - 8' Deep	ur Lf	\$200.00 \$200.00
<del>annamanan pana</del>	Furnish & Install 42-Inch RCP Sewer Main	0 - 0 Deep   0' - 6' Deep		\$220,00
		······································	LF	\$180,00
	Furnish & Install 42-Inch RCP Sever Main	6' + 8' Deep	<u>LF</u>	\$200.00
<del>uovamoumunit</del> u	Furnish & Install 42-Inch RCP Sewer Main	8' - 10' Deep	<u>LF</u>	\$220.00
	Furnish & Install 48-Inch RCP Sewer Main	0' - 6' Deep	LF	\$240,00

S-39         Furnish & Install 48-Inch RCP Sewer Main         10"-12" Deep         LF         \$600,00           S-40         Furnish & Install 54-Inch RCP Sewer Main         0"-6" Deep         LF         \$320,00           S-41         Furnish & Install 54-Inch RCP Sewer Main         6"-8" Deep         LF         \$340,00           S-42         Furnish & Install 54-Inch RCP Sewer Main         8"-10" Deep         LF         \$500,00           S-43         Furnish & Install 54-Inch RCP Sewer Main         70"+15" Deep         LF         \$760,00           S-44         Furnish & Install 60-Inch RCP Sewer Main         0"+6" Deep         LF         \$300,00           S-45         Furnish & Install 60-Inch RCP Sewer Main         8"-10" Deep         LF         \$600,00           S-46         Furnish & Install 60-Inch RCP Sewer Main         10"-15" Deep         LF         \$340,00           S-48         Furnish & Install 60-Inch RCP Sewer Main         0"-6" Deep         LF         \$340,00           S-49         Furnish & Install 60-Inch RCP Sewer Main         6"-8" Deep         LF         \$440,00           S-50         Furnish & Install 60-Inch RCP Sewer Main         8"-10" Deep         LF         \$440,00           S-51         Furnish & Install 60-Inch RCP Sewer Main         0"-15" Deep         LF	**************************************				
3-40   Frumsh & Instal 54-both PCP Sever Main   9-5 Deep	S-38	Furnish & Install 48-Inch RCP Sewer Main	8' - 10' Deep	LF	
S-40   Furnish & Instal S-Inch RCP Sever Main   0 - C Deep					
Second	S-40				
S-43   Furnish & Install O-Inch RCP Sever Main	S-41				
S-44   Fruntis & Install Check RDP Sever Man					
S-45   Funish Binarial 60-linch RCP Sever Main   Sign 10 Pep					
S-46   Furnish & Instal BO-toch PCP Sever Main					
S-47   Furnish & Instal 80-hoch RCP Sever Main					
S-46   Furnish & Instal 68-hoch PCP Sever Main   S-50 Deep		Furnish & Install 60-Inch RCP Sewer Main			
S-49	voca. Suuruumaan karaan				
\$-50					
S-51					
S-52					
S-53   Furnish & Install T2-Inch PCD Sever Main   6'-6' Deep					
S-54   Furnish & Install 72-Inch RCP Sever Main   81-10* Deep					
S-55					
Furnish & Install new Standard Precast Concrete 48" diameter Manhole Structure to include Bench and Ring and Cover including City approved coatings (inside and out) at a depth of:					
S-56   07 - 4 FT Deep				LF	\$1,000.00
S-58   0'-4' FT Deep					
S-57   4'-6'FT Deep					
S-58   6 - 6 FT Deep					
S-53   6'-10'FT Deep					
S-80   10'-12'FT Deep					
S-61   12'-14'FTDeep					
S-62   14'-16'FT Deep					
S-63   15"-20"FT Deep					
S-64   15" WAPRO Check Valve					
S-64   15" WAPRO Check Valve				EA	\$20,000.00
S-65   18" WAPRO Check Valve					
S-66   24" WAPRO Check Valve					
S-67   36" WAPRO Check Valve					
S-68 42" WAPRO Check Valve EA \$35,000.00 S-69 48" WAPRO Check Valve EA \$45,000.00 S-70 54" WAPRO Check Valve EA \$55,000.00 S-71 60" WAPRO Check Valve EA \$55,000.00 S-72 66" WAPRO Check Valve EA \$76,000.00 S-73 72" WAPRO Check Valve EA \$76,000.00 S-73 72" WAPRO Check Valve EA \$85,000.00 S-74 equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter, Material costs shall be included with invoice with maximum 15% markup.  STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter, Material costs shall be included with invoice with maximum 15% markup.  STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  RESTORATION  R-1 Removal and disposal of 6" thick concrete RF-2 Furnish & Install 4" Concrete without wire SF \$10,00 R-3 Furnish & Install 4" Concrete without wire SF \$18,00 R-4 Furnish & Install ADA compliant detectable surface EA \$500,00					
S-69 48"WAPRO Check Valve EA \$45,000.00 S-70 54"WAPRO Check Valve EA \$55,000.00 S-71 60"WAPRO Check Valve EA \$65,000.00 S-72 66"WAPRO Check Valve EA \$75,000.00 S-73 72"WAPRO Check Valve EA \$85,000.00 S-73 72"WAPRO Check Valve EA \$85,000.00 S-74 equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter, Material costs shall be included with invoice with maximum 15% markup.  STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter, Material costs shall be included with invoice with maximum 15% markup.  STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  RESTORATION  R-1 Removal and disposal of 6" thick concrete SF \$10.00 R-2 Furnish & Install 4" Concrete without wire SF \$180.00 R-3 Furnish & Install ADA compliant detectable surface EA \$500.00					
S-70   54" WAPRO Check Valve					
S-71 60" WAPRO Check Valve EA \$65,000.00 S-72 66" WAPRO Check Valve EA \$75,000.00 S-73 72" WAPRO Check Valve EA \$85,000.00					
S-72 66" WAPRO Check Valve EA \$75,000,00 S-73 72" WAPRO Check Valve EA \$85,000,00  MISCELLANEOUS  STORM CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter. Material costs shall be included with invoice with maximum 15% markup.  STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  R-1 Removal and disposal of 6" thick concrete  R-2 Furnish & Install 4" Concrete without wire  R-3 Furnish & Install 6" Concrete without wire  R-4 Furnish & Install 6" Concrete without wire  SF \$24,00  \$4500,00					
S-73 72"WAPRO Check Valve  MISCELLANEOUS  STORM CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter, Material costs shall be included with invoice with maximum 15% markup.  STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  RESTORATION  R-1 Removal and disposal of 6" thick concrete  R-2 Furnish & Install 4" Concrete without wire  R-3 Furnish & Install 4" Concrete without wire  R-4 Furnish & Install 6" Concrete without wire  R-5 \$24,00  \$500,00					
### STORM CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter, Material costs shall be included with invoice with maximum 15% markup.  ### STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  ### PRESTORATION  ### Removal and disposal of 6" thick concrete  #### Prunish & Install 4" Concrete without wire  #### Removal and disposal of 6" thick concrete without wire  ###################################					
STORM CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter. Material costs shall be included with invoice with maximum 15% markup.  STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  RESTORATION  R-1 Removal and disposal of 6" thick concrete SF \$10.00 R-2 Furnish & Install 4" Concrete without wire SF \$18.00 R-3 Furnish & Install 6" Concrete without wire SF \$24.00 R-4 Furnish & Install ADA compliant detectable surface  SF \$20.00 EA \$500.00	5-73			EA	\$85,000.00
S-74 equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter. Material costs shall be included with invoice with maximum 15% markup.  STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  R-1 Removal and disposal of 6" thick concrete  R-2 Furnish & Install 4" Concrete without wire  R-3 Furnish & Install 6" Concrete without wire  R-4 Furnish & Install ADA compliant detectable surface  EA \$500.00					
costs shall be included with invoice with maximum 15% markup.  STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 38" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  R-1 Removal and disposal of 6" thick concrete  R-2 Furnish & Install 4" Concrete without wire  R-3 Furnish & Install 6" Concrete without wire  R-4 Furnish & Install ADA compliant detectable surface  EA \$500.00	<b>I</b>				
STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  R-1 Removal and disposal of 6" thick concrete  R-2 Furnish & Install 4" Concrete without wire  R-3 Furnish & Install 6" Concrete without wire  R-4 Furnish & Install ADA compliant detectable surface  ST \$24,000  EA \$500.00	<b>S-74</b>			HR	\$515.00
S-75 equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 38" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.  RESTORATION  R-1 Removal and disposal of 6" thick concrete  R-2 Furnish & Install 4" Concrete without wire  R-3 Furnish & Install 6" Concrete without wire  R-4 Furnish & Install ADA compliant detectable surface  SF \$24,00  R-4 Furnish & Install ADA compliant detectable surface  EA \$500.00				·	
costs shall be included with invoice with maximum 15% markup.  RESTORATION  R-1 Removal and disposal of 6" thick concrete  R-2 Furnish & Install 4" Concrete without wire  R-3 Furnish & Install 6" Concrete without wire  R-4 Furnish & Install ADA compliant detectable surface  R-4 \$500.00					
RESTORATION           R-1         Removal and disposal of 6" thick concrete         SF         \$10,00           R-2         Furnish & Install 4" Concrete without wire         SF         \$18,00           R-3         Furnish & Install 6" Concrete without wire         SF         \$24,00           R-4         Furnish & Install ADA compliant detectable surface         EA         \$500,00	9-75			HR	\$625.00
R-1         Removal and disposal of 6" thick concrete         SF         \$10.00           R-2         Furnish & Install 4" Concrete without wire         SF         \$18.00           R-3         Furnish & Install 6" Concrete without wire         SF         \$24.00           R-4         Furnish & Install ADA compliant detectable surface         EA         \$500.00					
R-2         Furnish & Install 4° Concrete without wire         SF         \$18.00           R-3         Furnish & Install 6" Concrete without wire         SF         \$24.00           R-4         Furnish & Install ADA compliant detectable surface         EA         \$500.00		RESTORATION			
R-2         Furnish & Install 4° Concrete without wire         SF         \$18.00           R-3         Furnish & Install 6" Concrete without wire         SF         \$24.00           R-4         Furnish & Install ADA compliant detectable surface         EA         \$500.00	R-1	Removal and disposal of 6" thick concrete		SF	\$10.00
R-3 Furnish & Install 6" Concrete without wire SF \$24,00 R-4 Furnish & Install ADA compliant detectable surface EA \$500,00					
R-4 Furnish & Install ADA compliant detectable surface EA \$500,00		Furnish & Install 6" Concrete without wire			
	R-5	Furnish & Install FDOT Type "D" Curb - by hand			

<b>₽</b> R-6	Furnish & Install FDOT Type "D" Curb - by machine	l LF	\$80.00
R-7	Furnish & Install FDOT Type "F" Curb - by hand	LF	\$100.00
R-8	Furnish & Install FDOT Type "F" Curb - by machine		\$80.00
R-9	Furnish & Install FDOT Valley Gutter - by hand		\$100,00
R-10	Furnish & Install FDOT Valley Gutter - by machine		\$80.00
R-11	Furnish & Install Bahia Sod - up to 1000 SF	Lr SF	
R-12		<u>5</u>   SF	\$2.00
NOT DESCRIPTION OF THE PARTY OF	Furnish & Install Bahia Sod - over 1000 SF	The same and the same and the	\$1,00
R-13	Furnish & Install Floratam Sod - up to 1000 SF	SF.	\$4.00
<u>R-14</u>	Furnish & Install Floratam Sod - over 1000 SF	9F	\$2.00
<u>R-15</u>	Furnish & Install FDOT seed & mulch mix	<u>57</u>	\$10,00
<u>R-16</u>	Furnish Operator, Water Truck and Irrigate Sod or Seed Mix	HR HR	\$100,00
R-17	Removal and Disposal of Existing Asphalt Pavement	57	\$10.00
R-18	Mill Existing Pavement (3/4" ~ 1" avg)	<u> </u>	\$60,00
R-19	Furnish and Install Asphalt Overlay, Type S-III (3/4" - 1" avg)	97	\$90.00
R-20	Furnish and Install 1-1/2" Type S-I Asphalt First Course	SY	\$78.00
<u>R-21</u>	Furnish and Install 1" Type S-Ill Surface Course	<u> </u>	\$60.00
R-22	Furnish and Install 1-1/2" SP-12.5 Asphalt First Course in FDOT/PBC Right of Way	54	\$80,00
R-23	Furnish and Install 1" Type FC-9.5 Asphalt Surface Course in FDOT/PBC Right of Way	37	\$100,00
R-24	FDOT Flowable Fill (Excavatable)	CY	\$400,00
R-25	Leak Repairs (structures) - Grouting	GAL	\$200.00
R-26	Ground Stabilization Grouting	ÇΥ	\$600,00
R-27	6"Limerook/ Crushed Concrete Base, primed	SY	\$46,00
R-28	8" Limerock/ Crushed Concrete Base, primed	57	\$50.00
R-29	12" Compacted Subgrade, 98% T-180	SY	\$24.00
R-30	Adjust manhole ring and cover to grade	EA	\$750.00
R-31	Adjust valve box to grade	EA	\$500,00
R-32	Brick paver remove/replace (11/2" sand, 6" limerook base, 12" compacted subgrade)	SF	\$40.00
	CURED-IN-PLACE PIPE LINING*		
'Cured-	in-place lining prices shall be inclusive of pre-video, cleaning, post-video and anything else for a complete		
	installation in gravity sanitary or storm sewer		
L-1	Furnish and install 6"-12" diameter CIPP sectional liner, up to 6-ft in length	EΑ	\$6,000.00
L=2	Furnish and install 6"-12" diameter CIPP sectional liner, beyond 6-ft in length, all depths	LF	\$100,00
L-3	Furnish and install 15"-18" diameter CIPP sectional liner, up to 6-ft in length	ĒΑ	\$8,000.00
L-4	Furnish and install 15"-18" diameter CIPP sectional liner, beyond 6-ft in length, all depths	LF	\$120.00
L-5	Furnish and install 21" diameter CIPP sectional liner, up to 6-ft in length	EA	\$12,000,00
L-6	Furnish and install 21" diameter CIPP sectional liner, beyond 6-ft in length, all depths	Ĺř	\$150,00
L-7	Furnish and install 8" diameter CIPP liner 0-8' depth	LF	\$75,00
L-8	Furnish and install 8" diameter CIPP liner 8-12' depth	ĹF	\$80.00
L-9	Furnish and install 8" diameter CIPP liner 12'+ depth	LF LF	\$85.00
Bernamenton accommon	11 William 2 and 1		CONTRACTOR OF STREET,
∎ L*U		<del>annon annon an</del>	\$80.00
L-10 L-11	Furnish and install 10" diameter CIPP liner 0-8' depth	ĽF	\$80,00 \$85,00
L-11	Furnish and install 10" diameter CIPP liner 0-8' depth Furnish and install 10" diameter CIPP liner 8:12' depth	L. F.	\$85.00
L-11 L-12	Furnish and install 10" diameter CIPP liner 0-8' depth Furnish and install 10" diameter CIPP liner 8-12' depth Furnish and install 10" diameter CIPP liner 12' depth	<u> </u>	\$85.00 \$90,00
L-11 L-12 L-13	Furnish and install 10" diameter CIPP liner 0-8' depth Furnish and install 10" diameter CIPP liner 8-12' depth Furnish and install 10" diameter CIPP liner 12' depth Furnish and install 12" diameter CIPP liner 0-8' depth		\$85.00 \$90.00 \$85.00
L-11 L-12 L-13 L-14	Furnish and install 10" diameter CIPP liner  Furnish and install 12" diameter CIPP liner  Furnish and install 12" diameter CIPP liner  8-12' depth	LF LF LF LF	\$85.00 \$90.00 \$85.00 \$90.00
L-11 L-12 L-13 L-14 L-15	Furnish and install 10" diameter CIPP liner  Furnish and install 12" diameter CIPP liner  12**depth	LF LF LF LF LF	\$85.00 \$90.00 \$85.00 \$90.00 \$95.00
L-11 L-12 L-13 L-14 L-15 L-16	Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 12" diameter CIPP liner  Furnish and install 15" diameter CIPP liner  12**depth  Furnish and install 15" diameter CIPP liner	LF LF LF LF LF LF	\$85.00 \$90.00 \$85.00 \$90.00 \$95.00 \$90.00
L-11 L-12 L-13 L-14 L-15 L-16 L-17	Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 12" diameter CIPP liner  Furnish and install 15" diameter CIPP liner  Furnish and install 15" diameter CIPP liner  Furnish and install 15" diameter CIPP liner  8-12' depth  Furnish and install 15" diameter CIPP liner  8-12' depth	LF LF LF LF LF LF LF	\$85.00 \$90,00 \$85.00 \$90.00 \$95.00 \$95.00
L-11 L-12 L-13 L-14 L-15 L-16 L-17 L-18	Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 12" diameter CIPP liner  Furnish and install 15" diameter CIPP liner  12"+ depth  Furnish and install 15" diameter CIPP liner  8-12' depth	LF LF LF LF LF LF	\$85.00 \$90.00 \$85.00 \$90.00 \$95.00 \$95.00 \$100.00
L-11 L-12 L-13 L-14 L-15 L-16 L-17 L-18 L-19	Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 12" diameter CIPP liner  Furnish and install 15" diameter CIPP liner  Furnish and install 18" diameter CIPP liner  To-8' depth  Furnish and install 18" diameter CIPP liner	LF LF LF LF LF LF LF LF	\$85.00 \$90.00 \$85.00 \$95.00 \$95.00 \$95.00 \$100.00 \$95.00
L-11 L-12 L-13 L-14 L-15 L-16 L-17 L-18	Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 10" diameter CIPP liner  Furnish and install 12" diameter CIPP liner  Furnish and install 15" diameter CIPP liner  12"+ depth  Furnish and install 15" diameter CIPP liner  8-12' depth	LF LF LF LF LF LF	\$85.00 \$90.00 \$85.00 \$90.00 \$95.00 \$95.00 \$100.00

L-22	Furnish and install 20-21" diameter CIPP liner	0-8' depth	LF	\$100.00
L-23	Furnish and install 20-21" diameter CIPP liner	8-12' depth	LF	\$105.00
L-24	Furnish and install 20-21" diameter CIPP liner	12'+ depth	LF	\$110.00
L-25	Furnish and install 24" diameter CIPP liner	0-8' depth	LF	\$105.00
L-26	Furnish and install 24" diameter CIPP liner	8-12' depth	LF	\$110.00
L-27	Furnish and install 24" diameter CIPP liner	12'+ depth	LF	\$115.00
L-28	Furnish and install 30" diameter CIPP liner	0-8' depth	LF	\$130.00
L-29	Furnish and Install 30" diameter CIPP liner	8-12' depth	LF	\$135.00
L-30	Furnish and install 30" diameter CIPP liner	12'+ depth	LF	\$145.00
L-31	Furnish and install 36" diameter CIPP liner	0-8' depth	LF	\$170.00
L-32	Furnish and install 36" diameter CIPP liner	8-12' depth	LF	\$175.00
L-33	Furnish and install 36" diameter CIPP liner	12'+ depth	LF	\$180,00
7. P.A.	BY-PASS PUMP SET UP WITH BY-PASS PUMPING			
BP-1	Bypass 4" Pump Including setup and monitoring		DAY	\$1,200,00
BP-2	Bypass 6" Pump Including setup and monitoring		DAY	\$1,400.00
BP-3	Bypass 8" Pump Including setup and monitoring		DAY	\$1,800,00
8P-4	Bypass 10" Pump Including setup and monitoring		DAY	\$2,000.00
	1495 点 建 , "是 , <b>Well Point System and De-Watering</b> Access 1987 年 日本 1987 日本			ng Na 45 Las
WP-1	Well Point system up to 50 points complete with pump and jetting equipment, and Monitoring		DAY	\$2,800.00
WP-2	Well Point system with more than 50 points complete with pump and jetting equipment, and Monitoring		DAY	\$3,000.00
3	IMPORTED BACKFILL & REMOVAL OF IN-SITU MATERIAL	Powal w		
BF-1	Removal & Disposal of unsuitable in-situ material/soil		ĈΥ	\$60.00
BF-2	Imported Backfill & Compaction		CΥ	\$50.00
FIRST AME	NOMENT			
1-1	10'x6" Exfiltration Trench with 18" Slotted RCP		LF	\$120.00
1-2	Control Structure w/ Concrete Weir		EA	\$9,800.00
1-3	Type Clnlet		EA	\$6,500,00

#### **EXHIBIT "B"**

#### **Additional Federal Clauses**

#### 1."Domestic Preference for Procurements"

As appropriate, and to the extent consistent with law, the Contractor should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to iron, aluminum, steel, cement, and other manufactured products.

For purposes of this clause: Produced in the United States means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

Manufactured products mean items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber."

### 2. "Prohibition on Contracting for Covered Telecommunications Equipment or Services"

- (a) Definitions. As used in this clause, the terms backhaul; covered foreign country; covered telecommunications equipment or services; interconnection arrangements; roaming; substantial or essential component; and telecommunications equipment or services have the meaning as defined in FEMA Policy 405-143-1, Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services (Interim), as used in this clause—
- (b) Prohibitions.
- (1) Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2 C.F.R. § 200.216 prohibit the head of an executive agency on or after Aug.13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons.
- (2) Unless an exception in paragraph (c) of this clause applies, the Contractor and its subcontractors may not use grant, cooperative agreement, loan, or loan guarantee funds from the Federal Emergency Management Agency to:
- (i) Procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;
- (ii) Enter into, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;

- (iii) Enter into, extend, or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system; or
- (iv) Provide, as part of its performance of this contract, subcontract, or other contractual instrument, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.
- (c) Exceptions.
- (1) This clause does not prohibit the Contractor from providing—
- (i) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or
- (ii) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.
- (2) By necessary implication and regulation, the prohibitions also do not apply to:
- (i) Covered telecommunications equipment or services that:
- i. Are not used as a substantial or essential component of any system; and
- ii. Are not used as critical technology of any system.
- (ii) Other telecommunications equipment or services that are not considered covered telecommunications equipment or services.
- (d) Reporting requirement.
- (1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the recipient or subrecipient, unless elsewhere in this contract are established procedures for reporting the information.
- (2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:
- (i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.
- (ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the

Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments."

## **End of Additional Federal Clauses**