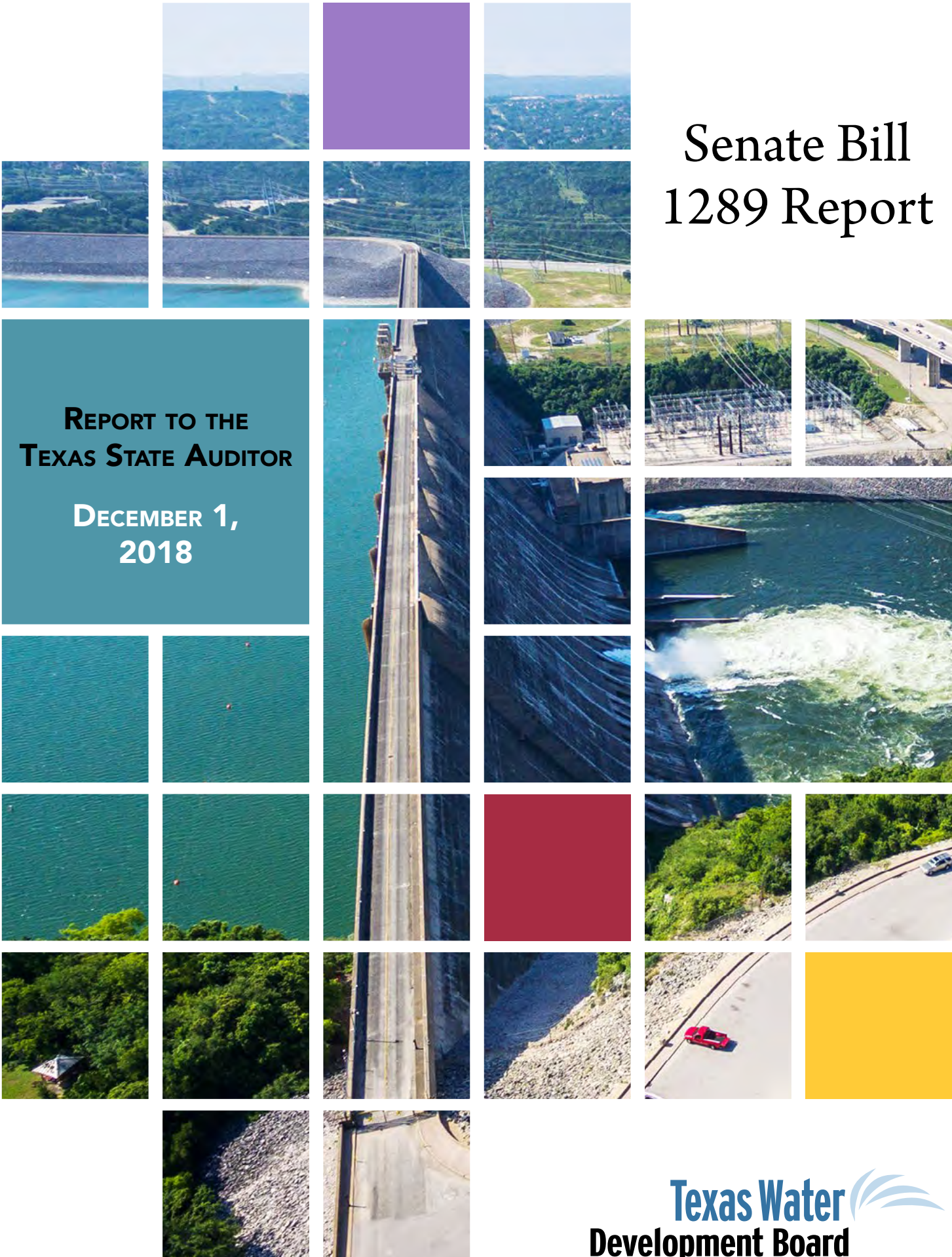


# Senate Bill 1289 Report

**REPORT TO THE  
TEXAS STATE AUDITOR**

**DECEMBER 1,  
2018**



# **Senate Bill 1289 Report**

## **Report to the Texas State Auditor**

Peter M. Lake, Chairman

Kathleen Jackson, Member

Brooke T. Paup, Member

Jeff Walker, Executive Administrator

December 1, 2018



# Senate Bill 1289 State Auditor Report

## Contents

1.0 Executive Summary .....	3
2.0 Background .....	3
3.0 Scope .....	5
Programs impacted by Senate Bill 1289 .....	5
Scope of Report and Data Collection .....	8
4.0 Results .....	8
Reported impacts of Senate Bill 1289 on political subdivisions .....	8
Cost, quantity, and countries of origin of steel products .....	9
Credit rating and impacts to credit rating .....	9
5.0 Attachment A: Example of Survey .....	10
6.0 Attachment B: List of Entities Contacted .....	14
7.0 Attachment C: Survey Responses .....	17

# 1.0 Executive Summary

In 2017, the 85<sup>th</sup> Texas Legislature passed Senate Bill 1289 relating to the purchase of iron and steel products made in the United States for certain governmental entity projects. Also part of that bill, was a requirement that the Texas Water Development Board (TWDB) submit a report to the State Auditor by December 1, 2018 that provides:

- 1) information on the impacts on a political subdivision that has obtained or applied for financial assistance from the board under Chapter 15, 16, or 17, Water Code, during the state fiscal year ending August 31, 2017.
- 2) information on each associated project that has obtained financial assistance as described by this subsection including:
  - A) the country of origin of the iron and steel products used in the project, in accordance with 19 U.S.C. Section 1304;
  - B) the cost and quantity of all iron and steel products received from each country of origin for the project; and
  - C) any related bond information, including the credit rating of general obligation bonds or revenue bonds issued by the board to finance or refinance projects included in the state water plan and the potential impact to that credit rating as a result of the bond issuance by the board.

This purpose of this report is to fulfill reporting requirement to the State Auditor.

# 2.0 Background

Senate Bill 1289 resulted in the following changes to the Texas Water Code (TWC) and Texas Government Code (TGC):

***(Texas Water Code)***

*"Sec. 17.183. CONSTRUCTION CONTRACT REQUIREMENTS.*

*(a) The governing body of each political subdivision receiving financial assistance from the board shall require in all contracts for the construction of a project:*

*(8) that the contract include a requirement that iron and steel products used in the project be produced in the United States, unless:*

*(A) such products are not:*

*(i) available in sufficient quantities;*

*(ii) readily available; or*

*(iii) of a satisfactory quality; or*

*(B) the use of such products will increase the total cost of the project by more than 20 percent."*

**(Texas Government Code)**

*"Sec. 2252.202. UNIFORM PURCHASING CONDITION; RULES.*

*(a) Except as provided by Section 2252.203, the uniform general conditions for a project in which iron or steel products will be used must require that the bid documents provided to all bidders and the contract include a requirement that any iron or steel product produced through a manufacturing process and used in the project be produced in the United States.*

*Sec. 2252.203. EXEMPTIONS.*

*(a) Section 2252.202 does not apply to a project for which the governing body of the governmental entity responsible for the project determines that:*

*(1) iron or steel products produced in the United States are not:*

*(A) produced in sufficient quantities;*

*(B) reasonably available; or*

*(C) of a satisfactory quality;*

*(2) use of iron or steel products produced in the United States will increase the total cost of the project by more than 20 percent; or*

*(3) complying with that section is inconsistent with the public interest.*

*(b) Electrical components, equipment, systems, and appurtenances, including supports, covers, shielding, and other appurtenances related to an electrical system, necessary for operation or concealment are not considered to be iron or steel products and are exempt from the requirements of Section 2252.202. An electrical system includes all equipment, facilities, and assets owned by an electric utility, as that term is defined in Section 31.002, Utilities Code...."*

## 3.0 Scope

### *Programs impacted by Senate Bill 1289*

United States Iron and Steel (US I&S) provisions are outlined in TWC § 17.183 and TGC, Chapter 2252, Subchapter F, as amended, and Texas Administrative Code (TAC) § 363.41, require recipients of financial assistance from the programs identified in Table 1 to use iron and steel products that are produced in the United States for the construction, remodel, or alteration of a building, a structure, or infrastructure. These projects could include public water systems, treatment works, and flood control measures. This requirement applies to all bid documents submitted to the TWDB and contracts entered into on or after September 1, 2017, except for projects funded through the State Water Implementation Revenue Fund for Texas where the Board has adopted a resolution approving an application for financial assistance before May 1, 2019 for any portion of the project.

Passage of Senate Bill 1289 resulted in some immediate changes to five TWDB financial assistance programs and will eventually result in more significant changes to the SWIFT program requirements as summarized in Table 1. Passage of Senate Bill 1289 did not impact the requirements of the Clean Water and Drinking Water State Revolving Fund programs because of the similarity of those programs' existing American Iron and Steel requirements to the requirements of Senate Bill 1289 and agency rules and guidance developed in support of Senate Bill 1289.

Senate Bill 1289 State Auditor Report

**Table 1: Senate Bill 1289 impacts on financial assistance programs**

State Programs								
Financing Program	Texas Water Code Chapter	Applicability to manufactured goods	Applicability to electrical components	Applicability to other iron and steel products (construction contract + bid document language)	Exemptions:			Waiver Process
					Not produced in sufficient quantities, reasonably available, or of a satisfactory quality	Increase cost of project by more than 20%	Public interest	
<b>Economically Distressed Areas Program</b>	17	No longer applicable	No longer applicable	No change to requirements; now required in bid documents	No change in exemption	No change in exemption	New exemption	New manner of applying already-existing exemptions and new exemptions
<b>Texas Water Development Fund</b>	17	No longer applicable	No longer applicable	No change to requirements; now required in bid documents	No change in exemption	No change in exemption	New exemption	New manner of applying already-existing exemptions and new exemptions
<b>Rural Water Assistance Fund</b>	15	No longer applicable	No longer applicable	No change to requirements; now required in bid documents	No change in exemption	No change in exemption	New exemption	New manner of applying already-existing exemptions and new exemptions
<b>Agricultural Water Conservation Fund*</b>	17	Never applicable	Never applicable	New	Newly applicable			Newly applicable
<b>State Participation*</b>	16	Never applicable	Never applicable	New	Newly applicable			Newly applicable
<b>State Water Implementation Fund for Texas*</b>	15	Never applicable	Never applicable	New after May 1, 2019	Newly applicable after May 1, 2019			Newly applicable after May 1, 2019

Senate Bill 1289 State Auditor Report

**Table 1 (continued)**

<b>Federal Programs</b>		
<b>Financing Program</b>	<b>Texas Water Code Chapter</b>	<b>Impacts</b>
<b>Clean Water State Revolving Fund**</b>	15	No change from American Iron and Steel
<b>Drinking Water State Revolving Fund**</b>	15	No change from American Iron and Steel

\*The Agricultural Water Conservation Fund, State Participation, and State Water Implementation Fund for Texas programs were not subject to any iron and steel requirements prior to Senate Bill 1289, so no applicability limitations, exemptions, or waivers were necessary.

\*\* No impacts expected due to existing American Iron and Steel requirements.



## *Scope of Report and Data Collection*

The TWDB developed a survey form to request relevant data from its borrowers. The survey included the following two questions as spelled out in the legislation:

1. *Please describe any impacts to the City of \_\_\_\_\_ from the passage and implementation of Senate Bill 1289, as outlined in Texas Water Code Section 17.183 and Texas Government Code Chapter 2252, Subchapter F (see attached for reference).*
2. *If the project identified above is in construction, please use the attached template to provide the following information for all construction contracts being funded by financial assistance from the TWDB. If this information is available in another form, that may be provided in lieu of the template.*
  - a. *Iron or steel product used*
  - b. *Unit cost*
  - c. *Unit (e.g., count, weight, linear feet)*
  - d. *Quantity*
  - e. *Total cost*
  - f. *Country of origin*

All entities that closed on funding from any of the financial programs covered under Chapters 15, 16, or 17, of the Texas Water Code during the state fiscal year ending August 31, 2017 were sent a survey. An example of the survey email and its associated attachments is included as Appendix A. A list of all 70 entities surveys, representing 83 projects financed during State Fiscal Year 2017, are included in Appendix B. Of the 70 entities surveyed, 20 responded.

## **4.0 Results**

### *Reported impacts of Senate Bill 1289 on political subdivisions*

As noted above, the legislation requires the TWDB to provide information on the impacts on a political subdivision that has obtained or applied for financial assistance from the board under Chapter 15, 16, or 17, Water Code, during the state fiscal year ending August 31, 2017. No impacts from the passage of Senate Bill 1289 were reported.

It is important to note that 58 of the 83 projects surveyed are being financed through the DWSRF and CWSRF programs, both of which have an American Iron and Steel requirement which was not affected by the passage of SB 1289. Additionally, nineteen of the remaining 25 projects are being financed through the State Water Implementation Revenue Fund for Texas (SWIRFT). The United States Iron and Steel provisions outlined in Texas Water Code § 17.183

and Texas Government Code, Chapter 2252, Subchapter F, as amended, do not apply to projects funded through the SWIRFT where the Board has adopted a resolution approving an application for financial assistance before May 1, 2019 for any portion of the project.

While no impacts were reported in this survey, the potential impacts on future projects financed through the TWDB cannot be extrapolated from these results.

### *Cost, quantity, and countries of origin of steel products*

The same entities were also surveyed for the cost, quantity, and country of origin of steel products used in the development of their projects. As shown in Attachment A, entities were provided with a form to be used for tallying iron and steel products and reporting the costs.

TWDB received information on 10 construction contracts. Responses are included in Attachment C. Eight of the 10 responses received used the template provided in the survey. The other two provided some of the data requested via the schedule of values.

### *Credit rating and impacts to credit rating*

The credit ratings for outstanding bonds issued by the Board to finance or refinance projects included in the state water plan as of August 31, 2018 are below. Annual credit surveillance is performed by the rating agencies. Additionally, the Board requests a rating before each issuance and receives a report, which discusses the rationale for the credit rating assigned and incorporates the impact of the proposed bond issuance.

	<b>Moody's Investors Service</b>	<b>S &amp; P Global Ratings</b>	<b>Fitch Ratings</b>
General Obligation Bonds	Aaa	AAA	AAA
State Revolving Fund Revenue Bonds	-	AAA	AAA
SWIRFT Revenue Bonds	-	AAA	AAA

## **5.0 Attachment A: Example of Survey**

Good morning.

The Texas Water Development Board (TWDB) will be submitting a report on all construction contracts for projects that received financial assistance from the Board during State Fiscal Year 2017. We are seeking your assistance in collecting the data required for this report to the State Auditor. For the project identified above, please provide the following information by June 1, 2018.

- 1. Please describe any impacts to the City of \_\_\_\_\_ from the passage and implementation of Senate Bill 1289, as outlined in Texas Water Code Section 17.183 and Texas Government Code Chapter 2252, Subchapter F (see attached for reference).**
  
- 2. If the project identified above is in construction, please use the attached template to provide the following information for all construction contracts being funded by financial assistance from the TWDB. If this information is available in another form, that may be provided in lieu of the template.**
  - a. Iron or steel product used
  - b. Unit cost
  - c. Unit (e.g., count, weight, linear feet)
  - d. Quantity
  - e. Total cost
  - f. Country of origin

Iron and Steel Product Information

Owner Name: City  
 Project Name: CID 01 - Project  
 TWDB Project Number: #####  
 Contractor Name: Contractor

Total Project Cost: \$130,000.00  
 Total Material Cost: \$100,000.00

Item No.	Desc. Of Iron or Steel Product	Unit Cost	Unit (e.g., count, weight, linear feet)	Quantity	Total Cost	Contry of Origin
1	Steel Door	\$400.00		1	\$ 400.00	
2	Bolts	\$100.00		1	\$ 100.00	
3	Welding rods	\$30.00		1	\$ 30.00	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Relevant excerpts from the Texas Water Code and Texas Government Code

---

**Texas Water Code**

“Sec. 17.183. CONSTRUCTION CONTRACT REQUIREMENTS.

(a) The governing body of each political subdivision receiving financial assistance from the board shall require in all contracts for the construction of a project:

(8) that the contract include a requirement that iron and steel products used in the project be produced in the United States, unless:

(A) such products are not:

(i) available in sufficient quantities;

(ii) readily available; or

(iii) of a satisfactory quality; or

(B) the use of such products will increase the total cost of the project by more than 20 percent.”

**Texas Government Code**

“Sec. 2252.202. UNIFORM PURCHASING CONDITION; RULES.

(a) Except as provided by Section 2252.203, the uniform general conditions for a project in which iron or steel products will be used must require that the bid documents provided to all bidders and the contract include a requirement that any iron or steel product produced through a manufacturing process and used in the project be produced in the United States.

Sec. 2252.203. EXEMPTIONS.

(a) Section 2252.202 does not apply to a project for which the governing body of the governmental entity responsible for the project determines that:

(1) iron or steel products produced in the United States are not:

(A) produced in sufficient quantities;

(B) reasonably available; or

(C) of a satisfactory quality;

(2) use of iron or steel products produced in the United States will increase the total cost of the project by more than 20 percent; or

(3) complying with that section is inconsistent with the public interest.

(b) Electrical components, equipment, systems, and appurtenances, including supports, covers, shielding, and other appurtenances related to an electrical system, necessary for operation or concealment are not considered to be iron or steel products and are exempt from the requirements of Section 2252.202. An electrical system includes all equipment, facilities, and assets owned by an electric utility, as that term is defined in Section 31.002, Utilities Code . . .”

## **6.0 Attachment B: List of Entities Contacted**

<b>Entity</b>	<b>Project Number</b>
114th St Mobile Home Park	62732
Acton MUD	73745
Alamo (PAD Only)	73738
Alton (PAD Only)	73747
Anahuac	73736
Anahuac	62710
Arlington	73752
Austin	51041
Barton WSC	62708
Beeville	51038
Bonham	73735
Brazosport WA	51013
Bryan	51040
Cameron	73727
Cameron	62695
Canyon Regional WA	21767
Central Harris Co Regional WA	51009
Central Harris Co Regional WA	51043
Central Harris Co Regional WA	51021
Cisco	62717
Coastal Water Authority	51008
Commodore Cove ID	62718
Corpus Christi	62734
Coryell City WSD	62705
Cottonwood Shores	62707
Cotulla	73737
Cotulla	21766
Cotulla	62713
Dario V. Guerra, III, dba Derby Ing.	62729
Dodd City	21763
Eagle Pass	62556
Edinburg	62597
El Paso PSB (PAD Only)	51012
Eldorado	73625
Fort Worth	73750
Granbury	62733
Grand Prairie	73753
Greater Texoma UA	62642
Greater Texoma UA	62648
Greater Texoma UA	51002
Hondo	62537
Houston	73719
Houston	51023
Hudson	73714
Huntington	73681



<b>Entity</b>	<b>Project Number</b>
Jarrell	73754
Jefferson Co WCID # 10	73739
Keller	51029
La Porte	73733
Laguna Madre WD	73730
Loop WSC	62690
Lubbock	73734
Lueders	62719
McAllen	73731
Melvin	10451
Montgomery	62715
Montgomery	73740
North Fort Bend WA	51022
North Harris Co Regional WA	51004
Panhandle GCD	21764
Pearland	62712
River Oaks	62731
River Oaks	73749
Rogers	62723
Rogers	73751
Rolling Hills WS	62721
San Antonio Water System	73732
San Antonio Water System	62703
San Marcos	73696
San Marcos (PAD Only)	73748
Schertz Seguin LGC	51032
Seymour	62693
Sulphur Springs	73725
Town of Anthony	62611
Trophy Club MUD # 1	51036
Troy	62701
United Irrigation District	51030
Upper Trinity Regional WD	21757
Waco	51035
Weatherford	73726
West Harris Co Regional WA	51003
West Tawakoni	62698
Woodloch	62737

## **7.0 Attachment C: Survey Responses**

## Iron and Steel Product Information

Owner Name: **City of Austin**  
 Project Name: **SAR Tertiary Filtration Project**  
 TWDB Project Number: **51041**  
 Contractor Name: **Matous Construction**

Total Project Cost: **\$25,148,318.13**  
 Total Material Cost: **\$14,708,134.00**

Item No.	Desc. Of Iron or Steel Product	Unit Cost	Unit (e.g., count, weight, linear feet)	Quantity	Total Cost	Contry of Origin
1	Ductile Iron Pipe - 18"	\$89.65	LF	908	\$ 81,402.20	USA
2	Ductile Iron Pipe - 14"	\$66.15	LF	873	\$ 57,748.95	USA
3	Ductile Iron Pipe and Fittings - 12"	\$50.00	LF	340	\$ 17,000.00	USA
4	Fabricated Ductile Iron Pipe 4"	\$15,377.00	LOT	24	\$ 369,048.00	USA
5	Fabricated Ductile Iron Pipe 6" & 8"	\$5,209.00	LOT	6	\$ 31,254.00	USA
6	Ductile Iron Fittings - Various Sizes	\$210,671.00	LOT	1	\$ 210,671.00	USA
7	A307 Bolts - Various Sizes	\$21,972.00	LOT	1	\$ 21,972.00	USA
8	SS Bolts - Various Sizes	\$44,578.00	LOT	1	\$ 44,578.00	USA
9	Fabricated Steel Pipe - 54"	\$817.92	LF	346	\$ 283,000.32	USA
10	Butterfly Valves - 54"	\$29,905.00	EA	3	\$ 89,715.00	USA
11	Buttterfly Valves - 30"	\$15,794.00	EA	6	\$ 94,764.00	USA
12	Plug Valves - 4"	\$264.17	EA	144	\$ 38,040.48	USA
13	Plug Valves - 12"	\$1,970.00	EA	3	\$ 5,910.00	USA
14	Plug Valves - 16"	\$3,335.00	EA	3	\$ 10,005.00	USA
15	Gate Valves - 14"	\$6,173.00	EA	1	\$ 6,173.00	USA
16	Gate Valves - 18"	\$10,041.00	EA	3	\$ 30,123.00	USA
17	Check Valves - 4"	\$1,100.00	EA	24	\$ 26,400.00	USA
18	Check Valves - 12"	\$4,882.00	EA	3	\$ 14,646.00	USA
19	Misc. SS Fabrications	\$2.28	LBS	22,311	\$ 50,869.08	USA
20	Misc. SS Fabrications - Ladders	\$2.58	LBS	3,205	\$ 8,268.90	TAIWAN
21	Galv. Structural Steel - W8x10 Beams	\$1.00	LBS	3,284	\$ 3,284.00	RUSSIA
22	Galv. Structural Steel - W10x45 Beams	\$0.38	LBS	14,696	\$ 5,584.48	MEXICO
23	Galv. Structural Steel - Various Sizes	\$0.52	LBS	65,339	\$ 33,976.28	USA
24	Galv. Steel Decking	\$1.75	SF	8,400	\$ 14,700.00	USA
25	Misc. Galv. Fabrications	\$0.58	LBS	6,350	\$ 3,651.25	USA
26	Reinforcing Steel	\$610.00	TON	144	\$ 87,840.00	USA

Iron and Steel Product Information

Owner Name: City of Cameron, Texas  
 Project Name: CID 01 - Water Clarifiers  
 TWDB Project Number: 62695  
 Contractor Name: Matous Construction

Total Project Cost: \$1,342,260.00  
 Total Material Cost: \$ 493,302.00

Item No.	Desc. Of Iron or Steel Product	Unit Cost	Unit (e.g., count, weight, linear feet)	Quantity	Total Cost	Contry of Origin
1	Clarifier No. 1 (Supports, Drives, etc.)	\$ 199,737.00	Each	1	\$ 199,737.00	US
2	Clarifier No. 2 (Supports, Drives, etc.)	\$ 210,561.00	Each	1	\$ 210,561.00	US
3	Drain Valve	\$ 1,240.00	Each	1	\$ 1,240.00	US
4	16" Steel Pipe & Truss Mounted Support	\$ 28,964.00	Lump Sum	1	\$ 28,964.00	US
5	20" Slide Gate	\$ 17,600.00	Each	3	\$ 52,800.00	US

Iron and Steel Product Information

Owner Name: City of Cameron, Texas  
 Project Name: CID 02 - Water Distribution Group 1  
 TWDB Project Number: 62695  
 Contractor Name: Bell Contractors

Total Project Cost: \$972,150.60  
 Total Material Cost: \$ 67,177.61

Item No.	Desc. Of Iron or Steel Product	Unit Cost	Unit (e.g., count, weight, linear feet)	Quantity	Total Cost	Contry of Origin
1	6" MJ Bend 11-1/4	\$ 74.66	Each	2	\$ 149.32	US
2	6" MJ Bend 22-1/2	\$ 72.66	Each	2	\$ 145.32	US
3	6" MJ Bend 45	\$ 80.00	Each	20	\$ 1,600.00	US
4	Fire Hydrant	\$ 1,875.00	Each	7	\$ 13,125.00	US
5	Restraint Pack 6"	\$ 38.59	Each	71	\$ 2,739.89	US
6	Sleeve 6 x 12	\$ 92.07	Each	11	\$ 1,012.77	US
7	Sleeve 8 x 12	\$ 110.00	Each	4	\$ 440.00	US
8	6" MJ Cap	\$ 38.67	Each	12	\$ 464.04	US
9	Tee 8 x 6	\$ 177.30	Each	2	\$ 354.60	US
10	Tee 6"	\$ 135.48	Each	16	\$ 2,167.68	US
11	Tee 6 x 4	\$ 117.00	Each	2	\$ 234.00	US
12	Cross 8 x 6	\$ 270.66	Each	0	\$ -	US
13	Cross 6"	\$ 219.33	Each	3	\$ 657.99	US
14	Reducer 8 x 6	\$ 93.00	Each	0	\$ -	US
15	Tapped Cap 6 x 2	\$ 62.00	Each	1	\$ 62.00	US
16	Plug 6"	\$ 58.00	Each	3	\$ 174.00	US
17	Cap 8"	\$ 60.66	Each	0	\$ -	US
18	Restraint Pack 8"	\$ 51.39	Each	15	\$ 770.85	US
19	6" Gate Valve	\$ 420.00	Each	25	\$ 10,500.00	US
20	Valve Box Top	\$ 112.00	Each	42	\$ 4,704.00	US
21	4" Gate Valve	\$ 347.50	Each	2	\$ 695.00	US
22	Restraint Pack 4"	\$ 35.55	Each	4	\$ 142.20	US

Iron and Steel Product Information

Owner Name: [City of Edinburg](#)

Project Name: [Edinburg West Water Treatment Plant Expansion](#)

TWDB Project Number:

Contractor Name: [R.P. Constructors, Inc.](#)

Total Project Cost: \$13,197,801.60

Total Material Cost: \$5,741,159.88

Item No.	Desc. Of Iron or Steel Product	Unit Cost	Unit (e.g., count, weight, linear feet)	Quantity	Total Cost	Country of Origin
1	Structural Reinforcement	0.349	lbs.	453660	\$ 158,396.25	US
2	Metal Buildings		lbs.	226000	\$ 107,031.00	US
3	Ductile Iron Pipe		LS	1	\$ 214,636.31	US
4	Valves		LS	1	\$ 304,129.18	US
5	Ductile Iron Fittings		LS	1	\$ 525,251.98	US
6	Nuts & Bolts for piping		LS	1	\$ 38,602.63	US
7	Metal Pipe Supports		LS	1	\$ 21,485.88	US
8	Metal Fabrications		LS	140000	\$ 215,105.00	US
9	Storage Tank Reinforcement	0.387	lbs.	105500	\$ 40,828.50	US
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Iron and Steel Product Information

Owner Name: HONDO  
 Project Name: CID 01 - Project  
 TWDB Project Number: 62537  
 Contractor Name: McGuire Iron Tank  
 M&C Fonseca Waterline

Total Tank Project Cost: \$1,498,000.00  
 Total Waterline ProjCost: \$1,961,138.00  
 Total all Project Costs \$3,459,138.00  
 Total Material Cost: \$ 533,700.00

Item No.	Desc. Of Iron or Steel Product	Unit Cost	Unit (e.g., count, weight, linear feet)	Quantity	Total Cost	Contry of Origin
1	Steel Tank	\$216,500.00	Lump Sum	1	\$ 216,500.00	US
2	Fire Hydrants	\$3,200.00	EA	33	\$ 105,600.00	US
3	12" Gate Valve	\$2,800.00	EA	52	\$ 145,600.00	US
4	8" Gate Valve	2200	EA	30	\$ 66,000.00	US
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Iron and Steel Product Information

Owner Name: Laguna Madre Water District  
 Project Name: CID 01 - Port Isabel WWTP Phase I Improvements  
 TWDB Project Number: 73730  
 Contractor Name: CSA Construction, Inc.

Total Project Cost: \$9,041,144.00  
 Total Material Cost: \$ 922,645.75

Item No.	Desc. Of Iron or Steel Product	Unit Cost	Unit (e.g., count, weight, linear feet)	Quantity	Total Cost	Contry of Origin
1	Reinforcing Steel Rebar	\$ 640.00	Ton	146.26	\$ 93,608.00	USA
2	Flange Ductile Iron Pipe	\$ 710.58	linear feet	145	\$ 103,034.10	USA
3	Ductile Iron Fittings	\$ 1,022.90	EA	252	\$ 257,770.80	USA
4	Joint Restraints	\$ 106.56	EA	301	\$ 32,074.56	USA
5	Manhole Ring & Cover	\$ 420.00	EA	6	\$ 2,520.00	USA
6	Cast Iron Cleanout Box	\$ 350.00	EA	4	\$ 1,400.00	USA
7	Cast Iron Valve Box	\$ 115.00	EA	12	\$ 1,380.00	USA
8	Plug Valves	\$ 1,976.27	EA	45	\$ 88,932.15	USA
9	Check Valves	\$ 1,162.00	EA	5	\$ 5,810.00	USA
10	Butterfly Valves	\$ 1,783.85	EA	13	\$ 23,190.05	USA
11	Air Release Valve	\$ 675.00	EA	2	\$ 1,350.00	USA
12	Stainless Steel Flange Pipe	\$ 1,232.95	linear feet	71	\$ 87,539.45	USA
13	Steel Supports	\$ 155.83		178	\$ 27,737.74	USA
14	Stainless Steel Coupling	\$ 1,285.88	EA	23	\$ 29,575.24	USA
15	Expansion Joint	\$ 3,660.00	EA	2	\$ 7,320.00	USA
16	Flange Coupling Adapter	\$ 642.87	EA	18	\$ 11,571.66	USA
17	Miscellaneous Steel	\$ 147,832.00	lump sum	1	\$ 147,832.00	USA
18						
19						
20						



## Iron and Steel Product Information

Owner Name:	City of Lubbock	Total Project Cost:	\$25,071,515.13
Project Name:	Northwest Lubbock Drainage Improvements Phase 2	Total Material Cost:	\$70,900.00
TWDB Project Number:	73734		
Contractor Name:	S.J. Louis Construction of Texas, LTD.		

Item No.	Desc. Of Iron or Steel Product	Unit Cost	Unit (e.g., count, weight, linear feet)	Quantity	Total Cost	Contry of Origin
1	Reinforcing Steel (rebar)	\$35,000.00	LS	1	\$ 35,000.00	United States
2	48" Steel Casing	\$200.00	LF	140	\$ 28,000.00	United States
3	Frames, Grates, Rings & Covers	\$7,900.00	LS	1	\$ 7,900.00	United States
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Iron and Steel Product Information

Owner Name: City of San Marcos  
 Project Name: Reclaimed Water Expansion  
 TWDB Project Number: 73696  
 Contractor Name: Rockin Q

Total Project Cost: \$ 270,549.99  
 Total Material Cost: \$ 208,115.38

Item No.	Desc. Of Iron or Steel Product	Unit Cost	Unit (e.g., count, weight, linear feet)	Quantity	Total Cost	Contry of Origin
1	18X18 MJ TEE USA CP DI C153	\$ 2,102.19	Count	1	\$ 2,102.19	United States
2	18 MEGALUG W/ACC F/DI 1118DEC	\$ 226.62	Count	6	\$ 1,359.72	United States
3	18 MJ L/P SLEEVE USA DI C153	\$ 852.44	Count	3	\$ 2,557.32	United States
4	18 MJ 45 BEND USA CP DI C153	\$ 945.30	Count	2	\$ 1,890.60	United States
5	18 MEGALUG W/ACC /C905 2018PEC	\$ 257.89	Count	10	\$ 2,578.90	United States
6	18" FOSTER ADPT	\$ 524.94	Count	1	\$ 524.94	United States
7	ALL THREAD	\$ 2.60	Count	40	\$ 104.00	United States
8	OFFSET BOLT	\$ 5.00	Count	6	\$ 30.00	United States
9	WASHER	\$ 0.35	Count	6	\$ 2.10	United States
10	NUT	\$ 0.70	Count	6	\$ 4.20	United States
11	18 MJ CAP	\$ 557.67	Count	1	\$ 557.67	United States
12	16 MJ 45 BEND USA CP DI C153	\$ 716.21	Count	45	\$ 32,229.45	United States
13	16 MEGALUG W/ACC C905 2016PEC	\$ 213.62	Count	90	\$ 19,225.80	United States
14	16X24 CASING SPACER CENT SS	\$ 139.29	Count	189	\$ 26,325.81	United States
15	16X24 END SEAL	\$ 54.76	Count	12	\$ 657.12	United States
16	317-188814-000 16X2IP SADDLE	\$ 155.54	Count	7	\$ 1,088.78	United States
17	FB1100-7GNL 2 BALLCORP MIPXGJ	\$ 221.13	Count	7	\$ 1,547.91	United States
18	2X60' (K) SOFT COPPER TUBING	\$ 9.35	Count	180	\$ 1,683.00	United States
19	FV43-777WGNL 2 ANG KMV GJCTSX	\$ 227.01	Count	1	\$ 227.01	United States
20	RECLAIMED WATER VLV BOX & CVR	\$ 100.25	Count	1	\$ 100.25	United States
21	8 AFC 2508MM MJ RW GV OL L/ACC	\$ 690.58	Count	2	\$ 1,381.16	United States
22	8 EBAA MEGALUG W/ACC 2008PEC	\$ 59.86	Count	7	\$ 419.02	United States
23	16 AFC 2516MM MJ RW GV OL L/A	\$ 4,303.18	Count	12	\$ 51,638.16	United States
24	16 MEGALUG W/ACC C905 2016PEC	\$ 213.47	Count	77	\$ 16,437.19	United States

25	16X6 MJXFLG TEE USA CP DI C153	\$ 832.66	Count	1	\$ 832.66	United States
26	6X1/8 FLG ACC RR FF DOMESTIC	\$ 92.73	Count	7	\$ 649.11	United States
27	6 FLG 45 C/L DI C110 USA	\$ 178.39	Count	1	\$ 178.39	United States
28	2506MM AFC 6 MJ RW GV OL L/ACC	\$ 438.65	Count	1	\$ 438.65	United States
29	6 TJ PR350 CL50 DI PIPE C/L	\$ 13.50	Count	20	\$ 270.00	United States
30	UFA400-C 6 UNI-FLG 6.90 DIP	\$ 45.59	Count	6	\$ 273.54	United States
31	6 FLG 90 C/L DI C110 USA	\$ 166.13	Count	1	\$ 166.13	United States
32	6 BLIND FLANGE DI C110 USA	\$ 85.24	Count	1	\$ 85.24	United States
33	#55 2 SS INSERT F/CTS PE	\$ 1.95	Count	12	\$ 23.40	United States
34	B11-777-HT67SNL 2 BALL CURB	\$ 242.41	Count	6	\$ 1,454.46	United States
35	2X1 BRASS BUSHING NO LEAD (I)	\$ 11.89	Count	6	\$ 71.34	United States
36	1X3 BRASS NIPPLE NO LEAD	\$ 5.25	Count	6	\$ 31.50	United States
37	1" ARI D-040P01 DUAL WATER ARV	\$ 305.00	Count	6	\$ 1,830.00	United States
38	3/8 X CLOSE PVC S80 NIPPLE	\$ 0.80	Count	6	\$ 4.80	United States
39	1X3/8 STD GALV BELL REDUCER	\$ 4.69	Count	6	\$ 28.14	United States
40	1X6 STD GALV NIPPLE	\$ 2.38	Count	6	\$ 14.28	United States
41	1X12 STD GALV NIPPLE	\$ 5.28	Count	6	\$ 31.68	United States
42	1X30 STD GALV NIPPLE	\$ 8.64	Count	6	\$ 51.84	United States

**PAYMENT REQUEST  
TABULATION OF VALUES FOR CONTRACT WORK PERFORMED**

<b>PROJECT:</b>	34th Street Pump Station Improvements Project	<b>PROJECT NUMBER</b>
<b>OWNER:</b>	SAN ANTONIO WATER SYSTEM	13-6004
<b>CONTRACTOR:</b>	Archer Western Construction, LLC	216122
<b>ENGINEER:</b>	Tetra-Tech	

<b>PAYMENT PERIOD FROM:</b>					2/27/2017	<b>TO</b>	3/25/2017	<b>Estimate No. 1</b>		
A	B	C	D	E	F	G	H			
Item No.	Description	Unit	Qty	Unit Price	Schedule of Values	WORK COMPLETED		Total Completed and Stored To Date (D+E)	% Complete (F/C)	Balance to Finish (C-F)
						Previous Applications	This Period			

34th Street PS Improvements										
1	New Chemical Facilities									
1.1	Erosion Control - Initial Installation	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
1.2	Materials - In-Line Static Mixers	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
1.3	6" PVC SS @ Chem	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.4	18" RCP Storm Drain	LS	1	\$ 4,500.00	\$ 4,500.00	\$ -	\$ -	\$ -	0.0%	\$ 4,500.00
1.5	2" Buried UW D-301	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
1.6	Pipe Insulation	LS	1	\$ 12,000.00	\$ 12,000.00	\$ -	\$ -	\$ -	0.0%	\$ 12,000.00
1.7	Plumbing Fixtures @ Chem Area	LS	1	\$ 17,000.00	\$ 17,000.00	\$ -	\$ -	\$ -	0.0%	\$ 17,000.00
1.8	Domestic Water	LS	1	\$ 7,500.00	\$ 7,500.00	\$ -	\$ -	\$ -	0.0%	\$ 7,500.00
1.9	Utility Water	LS	1	\$ 7,500.00	\$ 7,500.00	\$ -	\$ -	\$ -	0.0%	\$ 7,500.00
1.10	Static Mixer Pad - Concrete Complete	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
1.11	PRV Pad - Concrete Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
1.12	18" Diameter Drilled Piers	LS	1	\$ 45,000.00	\$ 45,000.00	\$ -	\$ -	\$ -	0.0%	\$ 45,000.00
1.13	Materials - Flouride Metering Pumps	LS	1	\$ 80,000.00	\$ 80,000.00	\$ -	\$ -	\$ -	0.0%	\$ 80,000.00
1.14	Materials - Sump Pumps - Flouride	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
1.15	Materials - Fiberglass Building	LS	1	\$ 38,000.00	\$ 38,000.00	\$ -	\$ -	\$ -	0.0%	\$ 38,000.00
1.16	Materials - Storage Tanks - Flouride	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.17	Install - Storage Tanks	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
1.18	Flouride Piping	LS	1	\$ 14,000.00	\$ 14,000.00	\$ -	\$ -	\$ -	0.0%	\$ 14,000.00
1.19	Brine Tank Concrete - Complete	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
1.20	Flouride Tank Concrete - Complete	LS	1	\$ 45,000.00	\$ 45,000.00	\$ -	\$ -	\$ -	0.0%	\$ 45,000.00
1.21	Flouride Bldg Concrete - Complete	LS	1	\$ 32,000.00	\$ 32,000.00	\$ -	\$ -	\$ -	0.0%	\$ 32,000.00
1.22	Materials - Misc Metals at Tanks	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.23	Install Misc Metals at Tanks	LS	1	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0.0%	\$ 6,000.00
1.24	Painting	LS	1	\$ 98,000.00	\$ 98,000.00	\$ -	\$ -	\$ -	0.0%	\$ 98,000.00
1.25	Materials - Sump Pumps - Sodium Hypo	LS	1	\$ 8,500.00	\$ 8,500.00	\$ -	\$ -	\$ -	0.0%	\$ 8,500.00
1.26	Materials - Storage Tanks - Sodium Hypo	LS	1	\$ 77,000.00	\$ 77,000.00	\$ -	\$ -	\$ -	0.0%	\$ 77,000.00
1.27	OF & DR at Bulk Tanks	LS	1	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ -	0.0%	\$ 2,500.00
1.28	4" Air at Bulk Tanks	LS	1	\$ 7,500.00	\$ 7,500.00	\$ -	\$ -	\$ -	0.0%	\$ 7,500.00
1.29	Hypo Piping	LS	1	\$ 8,000.00	\$ 8,000.00	\$ -	\$ -	\$ -	0.0%	\$ 8,000.00
1.30	Hypo Bulk Tank Concrete Foundation - Complete	LS	1	\$ 45,000.00	\$ 45,000.00	\$ -	\$ -	\$ -	0.0%	\$ 45,000.00
1.31	24" Diameter Piers @ OSG	LS	1	\$ 55,000.00	\$ 55,000.00	\$ -	\$ -	\$ -	0.0%	\$ 55,000.00
1.32	Materials - Hollow Core Slabs	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
1.33	Install Hollow Core Slabs	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
1.34	CMU	LS	1	\$ 145,000.00	\$ 145,000.00	\$ -	\$ -	\$ -	0.0%	\$ 145,000.00
1.35	Wood Blocking	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
1.36	Roofing	LS	1	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ -	0.0%	\$ 50,000.00
1.37	Joint Sealers	LS	1	\$ 7,500.00	\$ 7,500.00	\$ -	\$ -	\$ -	0.0%	\$ 7,500.00
1.38	Materials - Doors	LS	1	\$ 14,000.00	\$ 14,000.00	\$ -	\$ -	\$ -	0.0%	\$ 14,000.00
1.39	Install Doors	LS	1	\$ 1,500.00	\$ 1,500.00	\$ -	\$ -	\$ -	0.0%	\$ 1,500.00

Item No.	Description	Unit	Qty	Unit Price	Schedule of Values	WORK COMPLETED		Total Completed and Stored To Date (D+E)	% Complete (F/C)	Balance to Finish (C-F)
						Previous Applications	This Period			
1.40	Signage	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
1.41	Materials - Sodium Hypo Metering Pumps	LS	1	\$ 80,000.00	\$ 80,000.00	\$ -	\$ -	\$ -	0.0%	\$ 80,000.00
1.42	Materials - OSG System	LS	1	\$ 980,000.00	\$ 980,000.00	\$ -	\$ -	\$ -	0.0%	\$ 980,000.00
1.43	Install - OSG System	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
1.44	HVAC	LS	1	\$ 55,000.00	\$ 55,000.00	\$ -	\$ -	\$ -	0.0%	\$ 55,000.00
1.45	Sanitary Sewer	LS	1	\$ 17,000.00	\$ 17,000.00	\$ -	\$ -	\$ -	0.0%	\$ 17,000.00
1.46	Sodium Hypo Piping	LS	1	\$ 13,000.00	\$ 13,000.00	\$ -	\$ -	\$ -	0.0%	\$ 13,000.00
1.47	Water Softner Piping	LS	1	\$ 17,000.00	\$ 17,000.00	\$ -	\$ -	\$ -	0.0%	\$ 17,000.00
1.48	Vent at Generators	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
1.49	Roof Drains	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
1.50	Chem Bldg Excavation	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.51	Chem Bldg Foundation Concrete - Complete	LS	1	\$ 200,000.00	\$ 200,000.00	\$ -	\$ -	\$ -	0.0%	\$ 200,000.00
1.52	Concrete Paving	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
1.53	<b>ELECTRICAL &amp; INSTRUMENTATION</b>	LS	1			\$ -	\$ -	\$ -	#DIV/0!	\$ -
1.54	<b>CHEMICAL FACILITIES EXCACATION &amp; UNDERGROUND</b>	LS	1			\$ -	\$ -	\$ -	#DIV/0!	\$ -
1.55	Install EMH-7 & EHH-7	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.56	Install DB-14 & 15	LS	1	\$ 48,000.00	\$ 48,000.00	\$ -	\$ -	\$ -	0.0%	\$ 48,000.00
1.57	Install DB-10 & 11	LS	1	\$ 84,000.00	\$ 84,000.00	\$ -	\$ -	\$ -	0.0%	\$ 84,000.00
1.58	Rough-in Conduit to Elec Room - Slab	LS	1	\$ 100,000.00	\$ 100,000.00	\$ -	\$ -	\$ -	0.0%	\$ 100,000.00
1.59	Rough-in Conduit to Hypo Gen - Slab	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.60	Rough-in Conduit to Hypo Pump Room - Slab	LS	1	\$ 28,000.00	\$ 28,000.00	\$ -	\$ -	\$ -	0.0%	\$ 28,000.00
1.61	Rough-in Conduit to Flouride - Slab	LS	1	\$ 140,000.00	\$ 140,000.00	\$ -	\$ -	\$ -	0.0%	\$ 140,000.00
1.62	Rough-in Conduit to Elec Room - Walls	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.63	Rough-in Conduit to Hypo Gen - Walls	LS	1	\$ 22,000.00	\$ 22,000.00	\$ -	\$ -	\$ -	0.0%	\$ 22,000.00
1.64	Rough-in Conduit to Hypo Pump Room - Walls	LS	1	\$ 18,000.00	\$ 18,000.00	\$ -	\$ -	\$ -	0.0%	\$ 18,000.00
1.65	Rough-in Conduit to Flouride - Walls	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
1.66	<b>CHEMICAL &amp; FLOURIDE BLDG CONCRETE</b>	LS	1			\$ -	\$ -	\$ -	#DIV/0!	\$ -
1.67	Layout / Rough-in Electrical Eq Pads	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
1.68	<b>CHEMICAL BLDG CMU WALLS</b>	LS	1			\$ -	\$ -	\$ -	#DIV/0!	\$ -
1.69	Rough-in Plugs & Switches	LS	1	\$ 13,000.00	\$ 13,000.00	\$ -	\$ -	\$ -	0.0%	\$ 13,000.00
1.70	<b>OSG &amp; CHEMICAL SYSTEMS</b>	LS	1			\$ -	\$ -	\$ -	#DIV/0!	\$ -
1.71	MCC-2 Set Switchgear	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
1.72	MCC-2 Install Raceway	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
1.73	MCC-2 Pull Wire / Terminate	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.74	Elect Rm - Install Panels	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.75	Elect Rm - Install Raceway	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
1.76	Elect Rm - Pull Wire / Terminate	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
1.77	OSG Skids - Install Power & Contrls	LS	1	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0.0%	\$ 6,000.00
1.78	Blower Panels - Install Power & Controls	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
1.79	Dilution Blower Panels - Install Power & Controls	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
1.80	Metering Pump Panels - Install Power & Controls	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
1.81	Brine Pump Panels - Install Power & Controls	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
1.82	Water Softner Monitoring Panels - Install Power & Controls	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
1.83	Hypo Tank Panels - Install Power & Controls	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
1.84	Brine Tank Panels - Install Power & Controls	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
1.85	Install Heat Trace Panels	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
1.86	Install Heat Trace Conduit / Cable	LS	1	\$ 12,000.00	\$ 12,000.00	\$ -	\$ -	\$ -	0.0%	\$ 12,000.00
1.87	HVAC Panels - Power	LS	1	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -	\$ -	0.0%	\$ 35,000.00
1.88	Sump Pump Panels - Power	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
1.89	Lighting Receptacles - Rough-in Exposed Branch Conduit	LS	1	\$ 58,000.00	\$ 58,000.00	\$ -	\$ -	\$ -	0.0%	\$ 58,000.00
1.90	Lighting Receptacles - Pull Wire & Terminate	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
1.91	<b>FLOURIDE SYSTEM ELECTRICAL &amp; INSTRUMENTATION</b>	LS	1			\$ -	\$ -	\$ -	#DIV/0!	\$ -
1.92	Flouride Tank Panels - Install Power & Controls	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00

A Item No.	B Description	Unit	Qty	Unit Price	C Schedule of Values	D WORK COMPLETED		F Total Completed and Stored To Date (D+E)	G % Complete (F/C)	H Balance to Finish (C-F)
						Previous Applications	This Period			
1.93	Sump Pump Panels - Install Power	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
1.94	Flouride Metering Pump - Install Power & Controls	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
1.95	Install Lighting & Receptacles - Install Branch Raceway	LS	1	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0.0%	\$ 6,000.00
1.96	Install Lighting & Receptacles - Pull Wire / Terminate	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
1.97	HVAC Panels - Power	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
1.98	Material - Lighting Fixtures	LS	1	\$ 60,000.00	\$ 60,000.00	\$ -	\$ -	\$ -	0.0%	\$ 60,000.00
1.99	Material - EHH	LS	1	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0.0%	\$ 6,000.00
1.100	Material - EMH	LS	1	\$ 36,000.00	\$ 36,000.00	\$ -	\$ -	\$ -	0.0%	\$ 36,000.00
1.101	I/C Materials - Rio Chem Panel	LS	1	\$68,500.00	\$68,500.00	\$ -	\$ -	\$ -	0.0%	\$ 68,500.00
1.102	I/C Materials - Analyzer Panel	LS	1	\$40,000.00	\$40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
1.103	I/C Materials - Chlorine & Flouride Analyzers	LS	1	\$9,000.00	\$9,000.00	\$ -	\$ -	\$ -	0.0%	\$ 9,000.00
1.104	I/C Materials - Leak Detector	LS	1	\$500.00	\$500.00	\$ -	\$ -	\$ -	0.0%	\$ 500.00
1.105	Kapsch Programming	LS	1	\$245,000.00	\$245,000.00	\$ -	\$ -	\$ -	0.0%	\$ 245,000.00
1.106	I/C - Field Install & Terminations	LS	1	\$24,000.00	\$24,000.00	\$ -	\$ -	\$ -	0.0%	\$ 24,000.00
1.107	I/C - Field Start-up & Commissioning	LS	1	\$15,000.00	\$15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
1.108	I/C - Training	LS	1	\$25,000.00	\$25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
1.109	I/C - O&M Manuals	LS	1	\$5,000.00	\$5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
<b>1</b>	<b>Total - New Chemical Facilities</b>				<b>\$ 4,049,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 4,049,000.00</b>
<b>2</b>	<b>Existing Facilities</b>									
2.1	Site Security - Initial Set-up	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.2	Site Security - Monthly	LS	1	\$ 75,000.00	\$ 75,000.00	\$ -	\$ -	\$ -	0.0%	\$ 75,000.00
2.3	Pothole Piping	LS	1	\$ 75,000.00	\$ 75,000.00	\$ -	\$ -	\$ -	0.0%	\$ 75,000.00
2.4	Demo / Remove Asphalt	LS	1	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ -	0.0%	\$ 50,000.00
2.5	Demo / Remove Concrete Paving/Curbs/Vaults	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.6	Demo - PS Architectural Items	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.7	Site Excavations - All Structures	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
2.8	Fine Grade Site	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.9	Tree Protection Fencing	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.10	Tree Maintenance - Monthly Inspections	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.11	Seed Site	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.12	Fence & Gates	LS	1	\$ 150,000.00	\$ 150,000.00	\$ -	\$ -	\$ -	0.0%	\$ 150,000.00
2.13	Site Bollards (26ea)	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.14	Materials - Misc Metals	LS	1	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -	\$ -	0.0%	\$ 35,000.00
2.15	Install Misc Metals	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.16	HSP - Roofing	LS	1	\$ 165,000.00	\$ 165,000.00	\$ -	\$ -	\$ -	0.0%	\$ 165,000.00
2.17	HSP - Joint Sealers	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.18	Materials - Doors / Hardware	LS	1	\$ 18,000.00	\$ 18,000.00	\$ -	\$ -	\$ -	0.0%	\$ 18,000.00
2.19	Install Doors / Hardware	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.20	Translucent Windows	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
2.21	Gypsum Walls	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.22	HSP - Painting	LS	1	\$ 200,000.00	\$ 200,000.00	\$ -	\$ -	\$ -	0.0%	\$ 200,000.00
2.23	HSP - Accessories (Bathroom, Dock Bumpers)	LS	1	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ -	0.0%	\$ 2,500.00
2.24	Materials - Sump Pumps	LS	1	\$ 12,000.00	\$ 12,000.00	\$ -	\$ -	\$ -	0.0%	\$ 12,000.00
2.25	Demo Sump Pumps	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.26	Install Sump Pumps	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.27	Materials - Horizontal Split Case Pumps	LS	1	\$ 900,000.00	\$ 900,000.00	\$ -	\$ -	\$ -	0.0%	\$ 900,000.00
2.28	Demo Pumps & Motors 1,4,5	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
2.29	Demo Motors 2,3	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
2.30	Install New Pumps & Motors	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00

Item No.	Description	Unit	Qty	Unit Price	Schedule of Values	WORK COMPLETED		Total Completed and Stored To Date (D+E)	% Complete (F/C)	Balance to Finish (C-F)
						Previous Applications	This Period			
2.31	Pump Witness Testing	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.32	Cathodic Protection - Storage Tank	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
2.33	Pipe Demo - D-101	LS	1	\$ 150,000.00	\$ 150,000.00	\$ -	\$ -	\$ -	0.0%	\$ 150,000.00
2.34	Materials - 8" PW D-102	LS	1	\$ 85,000.00	\$ 85,000.00	\$ -	\$ -	\$ -	0.0%	\$ 85,000.00
2.35	Install 8" PW D-102	LS	1	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ -	0.0%	\$ 50,000.00
2.36	Materials - 24" Steel Replacing AC	LS	1	\$ 110,000.00	\$ 110,000.00	\$ -	\$ -	\$ -	0.0%	\$ 110,000.00
2.37	Install 24" Steel Replacing AC	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
2.38	Materials - 8" Steel Flushout Well 3	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.39	Install 8" Steel Flushout Well 3	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
2.40	Materials - 20" Steel to Well 1 - D-102	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.41	Install 20" Steel to Well 1 - D-102	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
2.42	Materials - 36" Storage Tank Outlet	LS	1	\$ 65,000.00	\$ 65,000.00	\$ -	\$ -	\$ -	0.0%	\$ 65,000.00
2.43	Install 36" Storage Tank Outlet	LS	1	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -	\$ -	0.0%	\$ 35,000.00
2.44	Materials - 36" Storage Tank Outlet West	LS	1	\$ 55,000.00	\$ 55,000.00	\$ -	\$ -	\$ -	0.0%	\$ 55,000.00
2.45	Install 35" Storage Tank Outlet West	LS	1	\$ 32,000.00	\$ 32,000.00	\$ -	\$ -	\$ -	0.0%	\$ 32,000.00
2.46	Materials - Buried Pipe D-104	LS	1	\$ 195,000.00	\$ 195,000.00	\$ -	\$ -	\$ -	0.0%	\$ 195,000.00
2.47	Install Buried Pipe D-104	LS	1	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -	\$ -	0.0%	\$ 35,000.00
2.48	Materials - 36" Above Grade at Chem Induction	LS	1	\$ 132,000.00	\$ 132,000.00	\$ -	\$ -	\$ -	0.0%	\$ 132,000.00
2.49	Install 36" Above Grade at Chem Induction	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.50	Materials - Chemical Piping - D-102	LS	1	\$ 125,000.00	\$ 125,000.00	\$ -	\$ -	\$ -	0.0%	\$ 125,000.00
2.51	Install Chemical Piping - D-102	LS	1	\$ 45,000.00	\$ 45,000.00	\$ -	\$ -	\$ -	0.0%	\$ 45,000.00
2.52	Materials - Well 2 BFV Change	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
2.53	Install Well 2 BFV Change	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.54	Materials - Distribution BFV Changes	LS	1	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ -	0.0%	\$ 50,000.00
2.55	Install Distribution BFV Changes	LS	1	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0.0%	\$ 6,000.00
2.56	Materials - Division Valve Changeout	LS	1	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -	\$ -	0.0%	\$ 35,000.00
2.57	Install Division Valve Changeout	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.58	Materials - Replace 20" BFV	LS	1	\$ 45,000.00	\$ 45,000.00	\$ -	\$ -	\$ -	0.0%	\$ 45,000.00
2.59	Replace 20" BFV	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.60	Materials - 12" PRV Station	LS	1	\$ 120,000.00	\$ 120,000.00	\$ -	\$ -	\$ -	0.0%	\$ 120,000.00
2.61	12" PRV Station Piping	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.62	Materials - 20" RW from Well 1	LS	1	\$ 110,000.00	\$ 110,000.00	\$ -	\$ -	\$ -	0.0%	\$ 110,000.00
2.63	20" RW from Well 1 Piping	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.64	Materials - Chemical Piping - D-103	LS	1	\$ 55,000.00	\$ 55,000.00	\$ -	\$ -	\$ -	0.0%	\$ 55,000.00
2.65	Chemical Piping - D-103	LS	1	\$ 28,000.00	\$ 28,000.00	\$ -	\$ -	\$ -	0.0%	\$ 28,000.00
2.66	Materials - PW to Chem Building	LS	1	\$ 32,000.00	\$ 32,000.00	\$ -	\$ -	\$ -	0.0%	\$ 32,000.00
2.67	PW to Chem Building	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.68	Pipe Demo - D-202	LS	1	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -	\$ -	0.0%	\$ 35,000.00
2.69	Lower Pipe Demo - D-203	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.70	Materials - Pump Discharge Piping D-206	LS	1	\$ 420,000.00	\$ 420,000.00	\$ -	\$ -	\$ -	0.0%	\$ 420,000.00
2.71	Pump Discharge Piping D-206	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
2.72	Materials - Pump Piping D-207	LS	1	\$ 80,000.00	\$ 80,000.00	\$ -	\$ -	\$ -	0.0%	\$ 80,000.00
2.73	Pump Piping D-207	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
2.74	HVAC Demo	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.75	HVAC Install	LS	1	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ -	0.0%	\$ 50,000.00
2.76	Sump Pump Piping	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.77	Plumbing Install	LS	1	\$ 12,000.00	\$ 12,000.00	\$ -	\$ -	\$ -	0.0%	\$ 12,000.00
2.78	Plumbing Fixtures	LS	1	\$ 8,000.00	\$ 8,000.00	\$ -	\$ -	\$ -	0.0%	\$ 8,000.00
2.79	Transformer Pad Concrete	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.80	Concrete Paving	LS	1	\$ 190,000.00	\$ 190,000.00	\$ -	\$ -	\$ -	0.0%	\$ 190,000.00
2.81	Concrete Sidewalks	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.82	Concrete Fence Mowstrip	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.83	Electrical Yard Concrete	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00

Item No.	Description	Unit	Qty	Unit Price	Schedule of Values	WORK COMPLETED		Total Completed and Stored To Date (D+E)	% Complete (F/C)	Balance to Finish (C-F)
						Previous Applications	This Period			
2.84	<b>ELECTRICAL &amp; INSTRUMENTATION</b>									
2.85	Eaton Engineering Services - Submittal	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.86	Power System Study - Eng Services	LS	1	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ -	0.0%	\$ 1,000.00
2.87	Power System Study - Preliminary	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.88	Power System Study - Final	LS	1	\$ 9,000.00	\$ 9,000.00	\$ -	\$ -	\$ -	0.0%	\$ 9,000.00
2.89	Lightning Protection Engineer Design / Shop Drawings	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
2.90	<i>PRESSURE REDUCING VALVE</i>	LS	1			\$ -	\$ -	\$ -		\$ -
2.91	Rough-in Conduit	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.92	Install U/G DB	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.93	Install PRV and Flow Meter Rack	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
2.94	Install Grounding	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.95	Pull Wire/Term Equip/Inst	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.96	Test Eqpt/Instruments	LS	1	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ -	0.0%	\$ 1,000.00
2.97	<i>SHUTDOWN WELL PUMP #1</i>	LS	1			\$ -	\$ -	\$ -		\$ -
2.98	Determ / Remove Cable	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.99	Demo Exist DB: WP1 to EMH near WP2	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.100	Rough-in Conduit / Set Rack WP1	LS	1	\$ 12,000.00	\$ 12,000.00	\$ -	\$ -	\$ -	0.0%	\$ 12,000.00
2.101	Install EMH-8	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
2.102	Install EHH-8	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
2.103	Install DB-16 & 17	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.104	Install DB-18 & 19	LS	1	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0.0%	\$ 6,000.00
2.105	Install DB from Rack to WP1	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.106	<i>PUMP STATION DEMO - 1st FLOOR</i>	LS	1			\$ -	\$ -	\$ -		\$ -
2.107	Demo MV-MCC-A	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.108	Demo Cable	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
2.109	Demo Conduit	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.110	Demo MV-MCC-B	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.111	Demo Cable	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
2.112	Demo Conduit	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.113	Demo Exist 25KVA Xfrmr & Panel H1 / L1 Cables/Conduit	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.114	Demo Exist Misc Load Center Panels Cable/Conduit	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.115	Demo Exist SCP/Cables/Conduit	LS	1	\$ 9,000.00	\$ 9,000.00	\$ -	\$ -	\$ -	0.0%	\$ 9,000.00
2.116	Demo Exist Security & Radio Panels Cable/Conduit	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.117	Demo Exist Battery Rack, Xfrmr Cable/Conduit	LS	1	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ -	0.0%	\$ 1,000.00
2.118	Demo Exist HVAC Cable/Conduit	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.119	Demo Lighting/Receptacles Cable/Conduit	LS	1	\$ 13,000.00	\$ 13,000.00	\$ -	\$ -	\$ -	0.0%	\$ 13,000.00
2.120	<i>PUMP STATION DEMO - BASEMENT</i>	LS	1			\$ -	\$ -	\$ -		\$ -
2.121	Demo Exist Valve Actuator Cable/Conduit	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.122	Demo Exist Lighting/Receptacles Cable/Conduit	LS	1	\$ 11,000.00	\$ 11,000.00	\$ -	\$ -	\$ -	0.0%	\$ 11,000.00
2.123	Demo Exist CL2 Pump Cables/Conduit	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.124	Demo Exist HVAC Cable/Conduit	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.125	Demo Sump Pump Cable/Conduit	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.126	Demo Flow Meter Cable/Conduit	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.127	Demo Air Compressor & Eqpt Cable/Conduit	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.128	<i>SITE DEMO</i>	LS	1			\$ -	\$ -	\$ -		\$ -
2.129	Determ Pull Fluoride Cable/Conduit	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.130	Determ Pull Lightpole/Camera Cable	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.131	Determ/Remove Cable Adjacent to GST Catho	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
2.132	Determ/Pull GST Cathodic	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.133	Determ/Pull Incoming Feed Cables	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.134	Determ/Pull WP2 Cables	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.135	Determ/Pull WP3 Cables	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.136	Determ/Pull WP4 Cables	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00



Item No.	Description	Unit	Qty	Unit Price	Schedule of Values	WORK COMPLETED		Total Completed and Stored To Date (D+E)	% Complete (F/C)	Balance to Finish (C-F)
						Previous Applications	This Period			
2.137	Determ/Pull Gate Op Cable	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.138	<i>SITE IMPROVEMENTS</i>	LS	1			\$ -	\$ -	\$ -		\$ -
2.139	Core Drill Holes in Basement Wall	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
2.140	Rough-in Conduit / Set Rack WP2-4	LS	1	\$ 75,000.00	\$ 75,000.00	\$ -	\$ -	\$ -	0.0%	\$ 75,000.00
2.141	Install DB WP2-4 Rack to Eqpt	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
2.142	Install EMH1 - EMH2	LS	1	\$ 22,000.00	\$ 22,000.00	\$ -	\$ -	\$ -	0.0%	\$ 22,000.00
2.143	Install EMH3 - EMH4	LS	1	\$ 22,000.00	\$ 22,000.00	\$ -	\$ -	\$ -	0.0%	\$ 22,000.00
2.144	Install EMH5 - EMH6	LS	1	\$ 22,000.00	\$ 22,000.00	\$ -	\$ -	\$ -	0.0%	\$ 22,000.00
2.145	Install EMH9	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.146	Install EHH1 - EHH2	LS	1	\$ 12,000.00	\$ 12,000.00	\$ -	\$ -	\$ -	0.0%	\$ 12,000.00
2.147	Install EHH3 - EHH4	LS	1	\$ 12,000.00	\$ 12,000.00	\$ -	\$ -	\$ -	0.0%	\$ 12,000.00
2.148	Install EHH5 - EHH6	LS	1	\$ 12,000.00	\$ 12,000.00	\$ -	\$ -	\$ -	0.0%	\$ 12,000.00
2.149	Install DB1	LS	1	\$ 8,000.00	\$ 8,000.00	\$ -	\$ -	\$ -	0.0%	\$ 8,000.00
2.150	Install DB2	LS	1	\$ 190,000.00	\$ 190,000.00	\$ -	\$ -	\$ -	0.0%	\$ 190,000.00
2.151	Install DB3	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
2.152	Install DB4-5	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.153	Install DB6	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.154	Install DB7	LS	1	\$ 130,000.00	\$ 130,000.00	\$ -	\$ -	\$ -	0.0%	\$ 130,000.00
2.155	Install DB8	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.156	Install DB9	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.157	Install DB12-13	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.158	Install DB20	LS	1	\$ 100,000.00	\$ 100,000.00	\$ -	\$ -	\$ -	0.0%	\$ 100,000.00
2.159	Install DB21	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
2.160	Install DB22-23	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.161	Install DB2A-3A	LS	1	\$ 8,000.00	\$ 8,000.00	\$ -	\$ -	\$ -	0.0%	\$ 8,000.00
2.162	Install DB to Analyzer	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.163	Install DB to Cath Protection	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.164	Install DB to PRV	LS	1	\$ 23,000.00	\$ 23,000.00	\$ -	\$ -	\$ -	0.0%	\$ 23,000.00
2.165	Install Leak Detection Term Cabinets	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.166	Install Leak Detection DB	LS	1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0.0%	\$ 25,000.00
2.167	Install New Tower	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.168	Install Light Poles / Cameras	LS	1	\$ 18,000.00	\$ 18,000.00	\$ -	\$ -	\$ -	0.0%	\$ 18,000.00
2.169	Pull Wire / Term MCC2	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.170	Pull Wire / Term WP1	LS	1	\$ 100,000.00	\$ 100,000.00	\$ -	\$ -	\$ -	0.0%	\$ 100,000.00
2.171	Pull Wire / Term WP4	LS	1	\$ 100,000.00	\$ 100,000.00	\$ -	\$ -	\$ -	0.0%	\$ 100,000.00
2.172	Pull Wire / Term WP2	LS	1	\$ 100,000.00	\$ 100,000.00	\$ -	\$ -	\$ -	0.0%	\$ 100,000.00
2.173	Pull Wire / Term WP3	LS	1	\$ 100,000.00	\$ 100,000.00	\$ -	\$ -	\$ -	0.0%	\$ 100,000.00
2.174	Pull Wire / Term CL2-FL Analyzer	LS	1	\$ 13,000.00	\$ 13,000.00	\$ -	\$ -	\$ -	0.0%	\$ 13,000.00
2.175	Pull Wire / Term Level Controller / Cathodic	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
2.176	Pull Wire / Term PRV	LS	1	\$ 18,000.00	\$ 18,000.00	\$ -	\$ -	\$ -	0.0%	\$ 18,000.00
2.177	Pull Wire / Term Leak Detection	LS	1	\$ 85,000.00	\$ 85,000.00	\$ -	\$ -	\$ -	0.0%	\$ 85,000.00
2.178	Pull Wire / Term Light Poles / Cameras	LS	1	\$ 16,000.00	\$ 16,000.00	\$ -	\$ -	\$ -	0.0%	\$ 16,000.00
2.179	Test MV Cables	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.180	Test <600V Cable	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.181	<i>PUMP STATION BUILDING</i>	LS	1			\$ -	\$ -	\$ -		\$ -
2.182	Install MV-MCC-A	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.183	Install MV-MCC-B	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.184	Install MCC-1	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.185	Set 500 kVA Xfrms	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.186	Install SCP	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.187	Install Panels LB,LA, PP-1 & Lighting Contactor	LS	1	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0.0%	\$ 6,000.00
2.188	Install Xfrmr PP1 & ATS-A	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.189	Layout Cable Tray on Ceiling	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00

A Item No.	B Description	Unit	Qty	Unit Price	C Schedule of Values	D WORK COMPLETED		F Total Completed and Stored To Date (D+E)	G % Complete (F/C)	H Balance to Finish (C-F)
						Previous Applications	This Period			
2.190	Install Cable Tray	LS	1	\$ 55,000.00	\$ 55,000.00	\$ -	\$ -	\$ -	0.0%	\$ 55,000.00
2.191	Install Flow Meter Racks HSP1-5	LS	1	\$ 28,000.00	\$ 28,000.00	\$ -	\$ -	\$ -	0.0%	\$ 28,000.00
2.192	Install Lighting Conduits	LS	1	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0.0%	\$ 7,000.00
2.193	Install Receptacle Conduits	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.194	Install Conduit to HVAC	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.195	Install Radios / Antennas	LS	1	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0.0%	\$ 6,000.00
2.196	Pull Wire / Term Main Feed MCC-A	LS	1	\$ 75,000.00	\$ 75,000.00	\$ -	\$ -	\$ -	0.0%	\$ 75,000.00
2.197	Pull Wire / Term Main Feed MCC-B	LS	1	\$ 75,000.00	\$ 75,000.00	\$ -	\$ -	\$ -	0.0%	\$ 75,000.00
2.198	Pull Wire / Term HSP1-5	LS	1	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -	\$ -	0.0%	\$ 35,000.00
2.199	Pull Wire / Term MCC to Xfrmr	LS	1	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ -	0.0%	\$ 2,500.00
2.200	Pull Wire / Term Xfrmers to Panels	LS	1	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0.0%	\$ 2,000.00
2.201	Pull Wire / Term Lighting Panels	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.202	Pull Wire / Term Receptacles	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.203	Pull Wire / Term HVAC	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.204	Pull Wire / Term Radios	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.205	Test MV Cables	LS	1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	0.0%	\$ 5,000.00
2.206	Test <600V Cable	LS	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0.0%	\$ 3,000.00
2.207	MATERIALS	LS	1			\$ -	\$ -	\$ -		\$ -
2.208	Lot of Switchgear	LS	1	\$ 950,000.00	\$ 950,000.00	\$ -	\$ -	\$ -	0.0%	\$ 950,000.00
2.209	I/C Materials - SCP Panel	LS	1	\$ 142,000.00	\$ 142,000.00	\$ -	\$ -	\$ -	0.0%	\$ 142,000.00
2.210	I/C Materials - GST Level Relay Panel	LS		\$ 13,000.00	\$ 13,000.00	\$ -	\$ -	\$ -	0.0%	\$ 13,000.00
2.211	I/C Materials - HSP Control Cabinets	LS	1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0.0%	\$ 40,000.00
2.212	I/C Materials - PRV Control Panel	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.213	I/C Materials - FST Discharge Valve Control Panel	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.214	I/C Materials - RW Well Level Control Panels	LS	1	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -	\$ -	0.0%	\$ 35,000.00
2.215	I/C Materials - Beacon Relay Panel	LS	1	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0.0%	\$ 10,000.00
2.216	I/C Materials - Camera Panels, Cabinets	LS	1	\$ 33,000.00	\$ 33,000.00	\$ -	\$ -	\$ -	0.0%	\$ 33,000.00
2.217	I/C Materials - Spare Parts & Tools	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
2.218	I/C Materials - UPS	LS	1	\$ 11,000.00	\$ 11,000.00	\$ -	\$ -	\$ -	0.0%	\$ 11,000.00
2.219	I/C Materials - Mag Meters	LS	1	\$ 60,000.00	\$ 60,000.00	\$ -	\$ -	\$ -	0.0%	\$ 60,000.00
2.220	I/C Materials - Pressure & Level Instruments	LS	1	\$ 19,000.00	\$ 19,000.00	\$ -	\$ -	\$ -	0.0%	\$ 19,000.00
2.221	I/C Materials - Level Control Electrodes	LS	1	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0.0%	\$ 4,000.00
2.222	I/C Materials - Antenna Tower	LS	1	\$ 13,000.00	\$ 13,000.00	\$ -	\$ -	\$ -	0.0%	\$ 13,000.00
2.223	Kapsch Programming	LS	1	\$ 288,000.00	\$ 288,000.00	\$ -	\$ -	\$ -	0.0%	\$ 288,000.00
2.224	I/C - Field Install & Terminations	LS	1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ -	0.0%	\$ 30,000.00
2.225	I/C - Field Start-up & Commissioning	LS	1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0.0%	\$ 15,000.00
<b>2</b>	<b>Total - Existing Facilities</b>				<b>\$ 9,000,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 9,000,000.00</b>
<b>3</b>	<b>Removal &amp; Disposal of Asbestos</b>									
3.1	Asbestos Removal - D-101	LS	1	\$ 33,000.00	\$ 33,000.00	\$ -	\$ -	\$ -	0.0%	\$ 33,000.00
3.2	Asbestos Removal - D-103	LS	1	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ -	0.0%	\$ 50,000.00
<b>3</b>	<b>Total - Removal and Disposal of Asbestos</b>				<b>\$ 83,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 83,000.00</b>
<b>4</b>	<b>Removal, Disposal and Encapsulation of Lead Paint</b>									
4.1	Lead Abatement - Building	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
4.2	Lead Abatement - Piping	LS	1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	0.0%	\$ 20,000.00
<b>4</b>	<b>Total - Removal, Disposal and Encapsulation of Lead Paint</b>				<b>\$ 40,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 40,000.00</b>

A Item No.	B Description	Unit	Qty	Unit Price	C Schedule of Values	D WORK COMPLETED		F Total Completed and Stored To Date (D+E)	G % Complete (F/C)	H Balance to Finish (C-F)
						Previous Applications	This Period			
<b>5</b>	<b>Trench Safety Protection</b>									
5.1	Trench Safety Protection	LF	250	\$ 10.00	\$ 2,500.00	\$ -	\$ -	\$ -	0.0%	\$ 2,500.00
<b>5</b>	<b>Total - Trench Safety Protection</b>				<b>\$ 2,500.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 2,500.00</b>
<b>6</b>	<b>Moblization and Demoblization</b>									
6.1	Insurance & Bonds	LS	1	\$ 94,532.00	\$ 94,532.00	\$ -	\$ -	\$ -	0.0%	\$ 94,532.00
6.2	Mobilization @ 1% Contract Value	LS	1	\$ 52,734.00	\$ 52,734.00	\$ -	\$ -	\$ -	0.0%	\$ 52,734.00
6.3	Mobilization @ 5% Contract Value	LS	1	\$ 26,367.00	\$ 26,367.00	\$ -	\$ -	\$ -	0.0%	\$ 26,367.00
6.4	Mobilization @ 10% Contract Value	LS	1	\$ 15,820.00	\$ 15,820.00	\$ -	\$ -	\$ -	0.0%	\$ 15,820.00
6.5	Mobilization @ Demob	LS	1	\$ 10,547.00	\$ 10,547.00	\$ -	\$ -	\$ -	0.0%	\$ 10,547.00
<b>6</b>	<b>Total - Mobilization and Demobilization</b>				<b>\$ 200,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 200,000.00</b>
<b>7</b>	<b>Permit Allowance</b>									
7.1	Permit Allowance	ALW	1	\$ 7,500.00	\$ 7,500.00	\$ -	\$ -	\$ -	0.0%	\$ 7,500.00
<b>7</b>	<b>Total - Permit Allowance</b>				<b>\$ 7,500.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 7,500.00</b>
<b>8</b>	<b>HSP 2 &amp; HSP 3 Repair Allowance</b>									
8.1	HSP 2 & HSP 3 Repair Allowance	ALW	1	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ -	0.0%	\$ 50,000.00
<b>8</b>	<b>Total - HSP 2 &amp; HSP 3 Repair Allowance</b>				<b>\$ 50,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 50,000.00</b>
<b>9</b>	<b>Replacement of Well Pads for Well Pumps 1 &amp; 3 Allowance</b>									
9.1	Replacement of Well Pads for Well Pumps 1 & 3 Allowance	ALW	1	\$ 150,000.00	\$ 150,000.00	\$ -	\$ -	\$ -	0.0%	\$ 150,000.00
<b>9</b>	<b>Total - Replacement of Well Pads for Well Pumps 1 &amp; 3 Allowance</b>				<b>\$ 150,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 150,000.00</b>
<b>10</b>	<b>Start-up and Commissioning Allowance</b>									
10.1	Start-up and Commissioning Allowance	ALW	1	\$75,000.00	\$ 75,000.00	\$ -	\$ -	\$ -	0.0%	\$ 75,000.00
<b>10</b>	<b>Total - Start-up and Commissioning Allowance</b>				<b>\$ 75,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 75,000.00</b>
<b>A. TOTAL CONTRACT AMOUNT</b>					<b>\$ 13,657,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>	<b>\$ 13,657,000.00</b>

**PAYMENT REQUEST  
TABULATION OF VALUES FOR APPROVED CHANGE ORDERS**

<b>PROJECT:</b> 34th Street PS Improvements Project							<b>PROJECT NUMBER</b>			
<b>OWNER:</b> SAN ANTONIO WATER SYSTEM							13-6004			
<b>CONTRACTOR:</b> Archer Western Construction, LLC							216112			
<b>ENGINEER:</b> Tetra-Tech										
<b>PAYMENT PERIOD FROM:</b> 2/27/2017					<b>TO</b>		3/25/2017		<b>Estimate #:</b> 1	
ITEM NO.	DESCRIPTION OF ITEM	QUANTITY ORIGINAL ESTIMATE	UNIT OF MEASURE	UNIT PRICE	TOTAL CONTRACT AMOUNT	QUANTITY THIS ESTIMATE	WORK COMPLETED FROM PREVIOUS ESTIMATE	BALANCE OF MATERIALS ON HAND	TOTAL VALUE OF WORK COMPLETED	% OF WORK COMPLETE
<b>TOTAL FOR PAGE / PROJECT</b>					\$ -			\$ -	\$ -	



**DOS RIOS WATER RECYCLING CENTER ELECTRICAL SYSTEM IMPROVEMNTS - PHASE 1 PROJECT (SAWS JOB NO. 14-6504)**

Contract Line Item											
Contract(Contract ID)_Contract No.	Line No.	Item No.	SOV Item(SOV Item Auto ID)_SOV Item ID-Name	Item Description	CIP Unit(Unit ID)_Unit Short Name	Contract Unit Price	Contract Quantity	Contract Amount	Implementation Project(Project)_Project ID	Job No.	
CO-00084-01	1.01	1	01.4600.00.0002 - Construction	Trench Excavation and Safety Protection	LS		1	11,600.00	11600 Pro-00023	14-6504	
CO-00084-01	10.01	183	01.4600.00.0002 - Construction	Deliver Fixtures	LS		1	92,000.00	92000 Pro-00023	14-6504	
CO-00084-01	10.02	184	01.4600.00.0002 - Construction	Install Fixtures Heads	LS		1	45,800.00	45800 Pro-00023	14-6504	
CO-00084-01	11.01	185	01.4600.00.0002 - Construction	Deliver Fixtures	LS		1	36,500.00	36500 Pro-00023	14-6504	
CO-00084-01	11.02	186	01.4600.00.0002 - Construction	Install Fixtures Heads	LS		1	6,900.00	6900 Pro-00023	14-6504	
CO-00084-01	12.01	187	01.4600.00.0002 - Construction	Light Fixtures (250 Watt) Unit Price (1) Installed	EA		1	1,000.00	1000 Pro-00023	14-6504	
CO-00084-01	13.01	188	01.4600.00.0002 - Construction	Light Fixtures (1,000 Watt) Unit Price (1) Installed	EA		1	2,000.00	2000 Pro-00023	14-6504	
CO-00084-01	14.01	189	01.4600.00.0002 - Construction	Relocation of Spike Line	LS		1	411,600.00	411600 Pro-00023	14-6504	
CO-00084-01	14.02	190	01.4600.00.0002 - Construction	Patching of Asphalt	LS		1	10,000.00	10000 Pro-00023	14-6504	
CO-00084-01	15.01	191	01.4600.00.0002 - Construction	Subsurface Utility Relocation Allowance	LS		1	50,000.00	50000 Pro-00023	14-6504	
CO-00084-01	16.01	192	01.4600.00.0002 - Construction	Permit Fees Allowance (Less Line No. 16.02)	LS		1	14,857.58	14857.58 Pro-00023	14-6504	
CO-00084-01	16.02	193	01.4600.00.0002 - Construction	Permit Application # 2195787	LS		1	5,142.42	5142.42 Pro-00023	14-6504	
CO-00084-01	17.01	194	01.4600.00.0002 - Construction	Pre-Startup/Construction Items Allowance	LS		1	100,000.00	100000 Pro-00023	14-6504	
CO-00084-01	18.01	195	01.4600.00.0002 - Construction	Bonds	LS		1	190,367.00	190367 Pro-00023	14-6504	
CO-00084-01	18.02	196	01.4600.00.0002 - Construction	Builders Risk Insurance	LS		1	7,082.00	7082 Pro-00023	14-6504	
CO-00084-01	18.03	197	01.4600.00.0002 - Construction	Mobilization	LS		1	62,551.00	62551 Pro-00023	14-6504	
CO-00084-01	18.04	198	01.4600.00.0002 - Construction	Demobilization	LS		1	28,800.00	28800 Pro-00023	14-6504	
CO-00084-01	199			RFP #2	LS		0	0.00	0 Pro-00023	14-6504	
CO-00084-01	2.01	2	01.4600.00.0002 - Construction	U/G Electrical Rough In / Manholes CPS-1	LS		1	116,800.00	116800 Pro-00023	14-6504	
CO-00084-01	2.02	3	01.4600.00.0002 - Construction	U/G Electrical Rough In / Manholes CPS-2	LS		1	116,800.00	116800 Pro-00023	14-6504	
CO-00084-01	2.03	4	01.4600.00.0002 - Construction	Feeders From CPS-1 to Switchboard Building	LS		1	130,300.00	130300 Pro-00023	14-6504	
CO-00084-01	2.04	5	01.4600.00.0002 - Construction	Feeders From CPS-2 to Switchboard Building	LS		1	130,300.00	130300 Pro-00023	14-6504	
CO-00084-01	2.05	6	01.4600.00.0002 - Construction	Overhead Distribution	LS		1	85,000.00	85000 Pro-00023	14-6504	
CO-00084-01	2.06	7	01.4600.00.0002 - Construction	Grounding	LS		1	3,000.00	3000 Pro-00023	14-6504	
CO-00084-01	2.07	8	01.4600.00.0002 - Construction	Sitework	LS		1	7,000.00	7000 Pro-00023	14-6504	
CO-00084-01	2.08	9	01.4600.00.0002 - Construction	Sectional Cabinet Concrete Slab	LS		1	21,500.00	21500 Pro-00023	14-6504	
CO-00084-01	200			RFP #3	LS		0	0.00	0 Pro-00023	14-6504	
CO-00084-01	201			CO #2 - RFP #4	LS		0	0.00	0 Pro-00023	14-6504	
CO-00084-01	3.01	10	01.4600.00.0002 - Construction	U/G Electrical Rough In / Manholes	LS		1	132,000.00	132000 Pro-00023	14-6504	
CO-00084-01	3.02	11	01.4600.00.0002 - Construction	Risers	LS		1	122,000.00	122000 Pro-00023	14-6504	
CO-00084-01	3.03	12	01.4600.00.0002 - Construction	SWRG-A	LS		1	585,000.00	585000 Pro-00023	14-6504	
CO-00084-01	3.04	13	01.4600.00.0002 - Construction	SWRG-B	LS		1	585,000.00	585000 Pro-00023	14-6504	
CO-00084-01	3.05	14	01.4600.00.0002 - Construction	Battery System	LS		1	44,344.00	44344 Pro-00023	14-6504	
CO-00084-01	3.06	15	01.4600.00.0002 - Construction	Panelboards / Transformer	LS		1	15,000.00	15000 Pro-00023	14-6504	
CO-00084-01	3.07	16	01.4600.00.0002 - Construction	Disconnects/ Starters	LS		1	15,000.00	15000 Pro-00023	14-6504	
CO-00084-01	3.08	17	01.4600.00.0002 - Construction	Coordination Study	LS		1	50,000.00	50000 Pro-00023	14-6504	
CO-00084-01	3.09	18	01.4600.00.0002 - Construction	ATS / UPS	LS		1	10,000.00	10000 Pro-00023	14-6504	
CO-00084-01	3.10	19	01.4600.00.0002 - Construction	Witness Testing	LS		1	20,000.00	20000 Pro-00023	14-6504	
CO-00084-01	3.11	20	01.4600.00.0002 - Construction	Factory Training	LS		1	6,000.00	6000 Pro-00023	14-6504	
CO-00084-01	3.12	21	01.4600.00.0002 - Construction	Install Gear	LS		1	60,000.00	60000 Pro-00023	14-6504	
CO-00084-01	3.13	22	01.4600.00.0002 - Construction	Feeders	LS		1	60,000.00	60000 Pro-00023	14-6504	
CO-00084-01	3.14	23	01.4600.00.0002 - Construction	Branch Rough In Power	LS		1	59,000.00	59000 Pro-00023	14-6504	
CO-00084-01	3.15	24	01.4600.00.0002 - Construction	Branch Rough In Lighting	LS		1	64,000.00	64000 Pro-00023	14-6504	
CO-00084-01	3.16	25	01.4600.00.0002 - Construction	Branch Rough In Mechanical Equipment	LS		1	62,000.00	62000 Pro-00023	14-6504	
CO-00084-01	3.17	26	01.4600.00.0002 - Construction	Branch Rough In DCS and Controls	LS		1	65,000.00	65000 Pro-00023	14-6504	
CO-00084-01	3.18	27	01.4600.00.0002 - Construction	Branch Wire / Trim	LS		1	47,000.00	47000 Pro-00023	14-6504	

CO-00084-01	3.19	28	01.4600.00.0002 - Construction	Cable Tray	LS	1	26,000.00	26000 Pro-00023	14-6504
CO-00084-01	3.20	29	01.4600.00.0002 - Construction	Terminate	LS	1	15,000.00	15000 Pro-00023	14-6504
CO-00084-01	3.21	30	01.4600.00.0002 - Construction	Test Cables	LS	1	5,000.00	5000 Pro-00023	14-6504
CO-00084-01	3.22	31	01.4600.00.0002 - Construction	Grounding	LS	1	20,000.00	20000 Pro-00023	14-6504
CO-00084-01	3.23	32	01.4600.00.0002 - Construction	Fab and Deliver Fixtures	LS	1	25,000.00	25000 Pro-00023	14-6504
CO-00084-01	3.24	33	01.4600.00.0002 - Construction	Lighting Trim & Fixtures	LS	1	12,500.00	12500 Pro-00023	14-6504
CO-00084-01	3.25	34	01.4600.00.0002 - Construction	Lightning Protection	LS	1	10,000.00	10000 Pro-00023	14-6504
CO-00084-01	3.26	35	01.4600.00.0002 - Construction	Design Engineering	LS	1	109,250.00	109250 Pro-00023	14-6504
CO-00084-01	3.27	36	01.4600.00.0002 - Construction	Delivery of O&M Manuals	LS	1	17,250.00	17250 Pro-00023	14-6504
CO-00084-01	3.28	37	01.4600.00.0002 - Construction	Fully Assembled Remote Switchgear Control Panel A	LS	1	30,000.00	30000 Pro-00023	14-6504
CO-00084-01	3.29	38	01.4600.00.0002 - Construction	Fully Assembled Remote Switchgear Control Panel B	LS	1	30,000.00	30000 Pro-00023	14-6504
CO-00084-01	3.30	39	01.4600.00.0002 - Construction	Sump Pump Float Switches	LS	1	5,000.00	5000 Pro-00023	14-6504
CO-00084-01	3.31	40	01.4600.00.0002 - Construction	Intrusion Switches	LS	1	3,500.00	3500 Pro-00023	14-6504
CO-00084-01	3.32	41	01.4600.00.0002 - Construction	Temperature Switches/Sensors	LS	1	3,500.00	3500 Pro-00023	14-6504
CO-00084-01	3.33	42	01.4600.00.0002 - Construction	Fiber Optic Cable and Patch Panels	LS	1	21,756.00	21756 Pro-00023	14-6504
CO-00084-01	3.34	43	01.4600.00.0002 - Construction	Fully Assembled Eyewash/Shower/Heat Trace Panel (ESW-1)	LS	1	11,000.00	11000 Pro-00023	14-6504
CO-00084-01	3.35	44	01.4600.00.0002 - Construction	Fiber Optic Cable Terminations, Testing, and Certification	LS	1	21,000.00	21000 Pro-00023	14-6504
CO-00084-01	3.36	45	01.4600.00.0002 - Construction	Field Installation	LS	1	18,000.00	18000 Pro-00023	14-6504
CO-00084-01	3.37	46	01.4600.00.0002 - Construction	Testing and Start-up	LS	1	23,000.00	23000 Pro-00023	14-6504
CO-00084-01	3.38	47	01.4600.00.0002 - Construction	Training	LS	1	28,000.00	28000 Pro-00023	14-6504
CO-00084-01	3.39	48	01.4600.00.0002 - Construction	Instrumentation Wire	LS	1	40,000.00	40000 Pro-00023	14-6504
CO-00084-01	3.40	49	01.4600.00.0002 - Construction	Excavation	LS	1	200,000.00	200000 Pro-00023	14-6504
CO-00084-01	3.41	50	01.4600.00.0002 - Construction	Road Base	LS	1	80,000.00	80000 Pro-00023	14-6504
CO-00084-01	3.42	51	01.4600.00.0002 - Construction	Asphalt	LS	1	95,000.00	95000 Pro-00023	14-6504
CO-00084-01	3.43	52	01.4600.00.0002 - Construction	Backfill	LS	1	6,000.00	6000 Pro-00023	14-6504
CO-00084-01	3.44	53	01.4600.00.0002 - Construction	Hydro-Mulch & Sod	LS	1	8,000.00	8000 Pro-00023	14-6504
CO-00084-01	3.45	54	01.4600.00.0002 - Construction	Drilled Piers	LS	1	155,000.00	155000 Pro-00023	14-6504
CO-00084-01	3.46	55	01.4600.00.0002 - Construction	Basement Slabs	LS	1	200,000.00	200000 Pro-00023	14-6504
CO-00084-01	3.47	56	01.4600.00.0002 - Construction	Beams	LS	1	45,000.00	45000 Pro-00023	14-6504
CO-00084-01	3.48	57	01.4600.00.0002 - Construction	Walls	LS	1	145,000.00	145000 Pro-00023	14-6504
CO-00084-01	3.49	58	01.4600.00.0002 - Construction	1st Floor Slab	LS	1	155,000.00	155000 Pro-00023	14-6504
CO-00084-01	3.50	59	01.4600.00.0002 - Construction	Side Walks	LS	1	25,000.00	25000 Pro-00023	14-6504
CO-00084-01	3.51	60	01.4600.00.0002 - Construction	Precast Walls	LS	1	289,000.00	289000 Pro-00023	14-6504
CO-00084-01	3.52	61	01.4600.00.0002 - Construction	Roof	LS	1	145,000.00	145000 Pro-00023	14-6504
CO-00084-01	3.53	62	01.4600.00.0002 - Construction	Erection	LS	1	35,000.00	35000 Pro-00023	14-6504
CO-00084-01	3.54	63	01.4600.00.0002 - Construction	Miscellaneous Aluminum Beams	LS	1	30,000.00	30000 Pro-00023	14-6504
CO-00084-01	3.55	64	01.4600.00.0002 - Construction	FRP Stairs	LS	1	40,000.00	40000 Pro-00023	14-6504
CO-00084-01	3.56	65	01.4600.00.0002 - Construction	FRP Handrails	LS	1	20,000.00	20000 Pro-00023	14-6504
CO-00084-01	3.57	66	01.4600.00.0002 - Construction	FRP Frames	LS	1	15,000.00	15000 Pro-00023	14-6504
CO-00084-01	3.58	67	01.4600.00.0002 - Construction	FRP Doors	LS	1	30,000.00	30000 Pro-00023	14-6504
CO-00084-01	3.59	68	01.4600.00.0002 - Construction	FRP Hardware	LS	1	15,000.00	15000 Pro-00023	14-6504
CO-00084-01	3.60	69	01.4600.00.0002 - Construction	Overhead Coiling Door	LS	1	9,000.00	9000 Pro-00023	14-6504
CO-00084-01	3.61	70	01.4600.00.0002 - Construction	Rough Carpentry	LS	1	10,000.00	10000 Pro-00023	14-6504
CO-00084-01	3.62	71	01.4600.00.0002 - Construction	TPO Roof & Insulation	LS	1	85,000.00	85000 Pro-00023	14-6504
CO-00084-01	3.63	72	01.4600.00.0002 - Construction	Joint Sealents	LS	1	16,000.00	16000 Pro-00023	14-6504
CO-00084-01	3.64	73	01.4600.00.0002 - Construction	Floor Sealing	LS	1	6,500.00	6500 Pro-00023	14-6504
CO-00084-01	3.65	74	01.4600.00.0002 - Construction	Fire Extinguishers & Cabinet	LS	1	2,000.00	2000 Pro-00023	14-6504
CO-00084-01	3.66	75	01.4600.00.0002 - Construction	Plumbing	LS	1	82,500.00	82500 Pro-00023	14-6504
CO-00084-01	3.67	76	01.4600.00.0002 - Construction	Relocate 16 inch water line	LS	1	103,000.00	103000 Pro-00023	14-6504
CO-00084-01	3.68	77	01.4600.00.0002 - Construction	HVAC	LS	1	103,500.00	103500 Pro-00023	14-6504
CO-00084-01	4.01	78	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-2 SB to MH 43A,43B,	LS	1	150,000.00	150000 Pro-00023	14-6504
CO-00084-01	4.02	79	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-2 SB to MH 44A,44B,	LS	1	150,000.00	150000 Pro-00023	14-6504
CO-00084-01	4.03	80	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-2 MH 43B to MH 43C	LS	1	140,000.00	140000 Pro-00023	14-6504

CO-00084-01	4.04	81	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-2 MH 44B to MH 44C	LS	1	140,000.00	140000 Pro-00023	14-6504
CO-00084-01	4.05	82	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-2 MH 43C to MH 46B	LS	1	132,500.00	132500 Pro-00023	14-6504
CO-00084-01	4.06	83	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-2 MH 44C to MH 46A	LS	1	132,500.00	132500 Pro-00023	14-6504
CO-00084-01	4.07	84	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 46B	LS	1	20,000.00	20000 Pro-00023	14-6504
CO-00084-01	4.08	85	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 46A	LS	1	20,000.00	20000 Pro-00023	14-6504
CO-00084-01	4.09	86	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 46B to MH 45B	LS	1	75,000.00	75000 Pro-00023	14-6504
CO-00084-01	4.10	87	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 46A to MH 45A	LS	1	75,000.00	75000 Pro-00023	14-6504
CO-00084-01	4.11	88	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 45B to Existing SB	LS	1	50,000.00	50000 Pro-00023	14-6504
CO-00084-01	4.12	89	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 45A to Existing SB	LS	1	50,000.00	50000 Pro-00023	14-6504
CO-00084-01	4.13	90	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 46B to MH 47B	LS	1	140,000.00	140000 Pro-00023	14-6504
CO-00084-01	4.14	91	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 46A to MH 47A	LS	1	140,000.00	140000 Pro-00023	14-6504
CO-00084-01	4.15	92	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 47B to E3-5B	LS	1	137,500.00	137500 Pro-00023	14-6504
CO-00084-01	4.16	93	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-3 MH 47A to E3-5A	LS	1	137,500.00	137500 Pro-00023	14-6504
CO-00084-01	4.17	94	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-4 MH 47B to MH48B	LS	1	86,250.00	86250 Pro-00023	14-6504
CO-00084-01	4.18	95	01.4600.00.0002 - Construction	Substation # 5 & 6 Alternate Feeds: U/G Electrical RI / Manholes Sheet E-4 MH 47A to MH48A	LS	1	86,250.00	86250 Pro-00023	14-6504
CO-00084-01	4.19	96	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-4 MH48B to SW 300B	LS	1	86,250.00	86250 Pro-00023	14-6504
CO-00084-01	4.20	97	01.4600.00.0002 - Construction	U/G Electrical RI / Manholes Sheet E-4 MH48A to SW300A	LS	1	86,250.00	86250 Pro-00023	14-6504
CO-00084-01	4.21	98	01.4600.00.0002 - Construction	Feeders / Terminators Sheet E-2 Circuit A	LS	1	222,500.00	222500 Pro-00023	14-6504
CO-00084-01	4.22	99	01.4600.00.0002 - Construction	Feeders / Terminators Sheet E-2 Circuit B	LS	1	222,500.00	222500 Pro-00023	14-6504
CO-00084-01	4.23	100	01.4600.00.0002 - Construction	Feeders / Terminators Sheet E-3 Circuit A	LS	1	222,500.00	222500 Pro-00023	14-6504
CO-00084-01	4.24	101	01.4600.00.0002 - Construction	Feeders / Terminators Sheet E-3 Circuit B	LS	1	222,500.00	222500 Pro-00023	14-6504
CO-00084-01	4.25	102	01.4600.00.0002 - Construction	Feeders / Terminators Sheet E-4 Circuit A	LS	1	87,500.00	87500 Pro-00023	14-6504
CO-00084-01	4.26	103	01.4600.00.0002 - Construction	Feeders / Terminators Sheet E-4 Circuit B	LS	1	87,500.00	87500 Pro-00023	14-6504
CO-00084-01	4.27	104	01.4600.00.0002 - Construction	Pad Mount Transformers 326,327 and 227	LS	1	105,000.00	105000 Pro-00023	14-6504
CO-00084-01	4.28	105	01.4600.00.0002 - Construction	MCC-3AB	LS	1	86,500.00	86500 Pro-00023	14-6504
CO-00084-01	4.29	106	01.4600.00.0002 - Construction	15KV Switch 300A & 300B	LS	1	210,000.00	210000 Pro-00023	14-6504
CO-00084-01	4.30	107	01.4600.00.0002 - Construction	Tap Box TB-11A & TB-11B	LS	1	20,000.00	20000 Pro-00023	14-6504
CO-00084-01	4.31	108	01.4600.00.0002 - Construction	Disconnect, Add To Breaker, Panelboard	LS	1	15,627.00	15627 Pro-00023	14-6504
CO-00084-01	4.32	109	01.4600.00.0002 - Construction	Training	LS	1	5,000.00	5000 Pro-00023	14-6504
CO-00084-01	4.33	110	01.4600.00.0002 - Construction	Install Gear	LS	1	48,000.00	48000 Pro-00023	14-6504
CO-00084-01	4.34	111	01.4600.00.0002 - Construction	Terminate Gear	LS	1	20,000.00	20000 Pro-00023	14-6504
CO-00084-01	4.35	112	01.4600.00.0002 - Construction	Test Cables	LS	1	40,000.00	40000 Pro-00023	14-6504
CO-00084-01	4.36	113	01.4600.00.0002 - Construction	Grounding	LS	1	20,000.00	20000 Pro-00023	14-6504
CO-00084-01	4.37	114	01.4600.00.0002 - Construction	Demolition	LS	1	54,000.00	54000 Pro-00023	14-6504
CO-00084-01	4.38	115	01.4600.00.0002 - Construction	Demolition	LS	1	23,000.00	23000 Pro-00023	14-6504
CO-00084-01	4.39	116	01.4600.00.0002 - Construction	Sitework	LS	1	26,500.00	26500 Pro-00023	14-6504



CO-00084-01	4.40	117	01.4600.00.0002 - Construction	Concrete pads	LS	1	42,500.00	42500 Pro-00023	14-6504
CO-00084-01	4.41	118	01.4600.00.0002 - Construction	Misc Aluminum	LS	1	8,373.00	8373 Pro-00023	14-6504
CO-00084-01	5.01	119	01.4600.00.0002 - Construction	U/G Electrical Rough In / Manholes SW 300A to PMT 325	LS	1	50,000.00	50000 Pro-00023	14-6504
CO-00084-01	5.02	120	01.4600.00.0002 - Construction	U/G Electrical Rough In / Manholes SW 300B to PMT 324	LS	1	50,000.00	50000 Pro-00023	14-6504
CO-00084-01	5.03	121	01.4600.00.0002 - Construction	U/G Electrical Rough In PMT 325 to Aeration	LS	1	40,000.00	40000 Pro-00023	14-6504
CO-00084-01	5.04	122	01.4600.00.0002 - Construction	U/G Electrical Rough In PMT 324 to Aeration	LS	1	40,000.00	40000 Pro-00023	14-6504
CO-00084-01	5.05	123	01.4600.00.0002 - Construction	U/G Electrical Rough In / Manholes SW 300A to PMT 327	LS	1	57,500.00	57500 Pro-00023	14-6504
CO-00084-01	5.06	124	01.4600.00.0002 - Construction	U/G Electrical Rough In / Manholes SW 300B to PMT 326	LS	1	57,500.00	57500 Pro-00023	14-6504
CO-00084-01	5.07	125	01.4600.00.0002 - Construction	Risers	LS	1	80,000.00	80000 Pro-00023	14-6504
CO-00084-01	5.08	126	01.4600.00.0002 - Construction	Pad Mount Transformers 324 & 325	LS	1	75,000.00	75000 Pro-00023	14-6504
CO-00084-01	5.09	127	01.4600.00.0002 - Construction	MCC-CAB-2	LS	1	195,000.00	195000 Pro-00023	14-6504
CO-00084-01	5.10	128	01.4600.00.0002 - Construction	Panelboards, Transformers	LS	1	54,642.00	54642 Pro-00023	14-6504
CO-00084-01	5.11	129	01.4600.00.0002 - Construction	Training	LS	1	5,000.00	5000 Pro-00023	14-6504
CO-00084-01	5.12	130	01.4600.00.0002 - Construction	Install Gear	LS	1	40,000.00	40000 Pro-00023	14-6504
CO-00084-01	5.13	131	01.4600.00.0002 - Construction	Feeders	LS	1	69,000.00	69000 Pro-00023	14-6504
CO-00084-01	5.14	132	01.4600.00.0002 - Construction	Branch Rough In	LS	1	47,000.00	47000 Pro-00023	14-6504
CO-00084-01	5.15	133	01.4600.00.0002 - Construction	Branch Wire / Trim	LS	1	35,000.00	35000 Pro-00023	14-6504
CO-00084-01	5.16	134	01.4600.00.0002 - Construction	Terminate	LS	1	11,000.00	11000 Pro-00023	14-6504
CO-00084-01	5.17	135	01.4600.00.0002 - Construction	Test Cables	LS	1	6,000.00	6000 Pro-00023	14-6504
CO-00084-01	5.18	136	01.4600.00.0002 - Construction	Grounding	LS	1	11,000.00	11000 Pro-00023	14-6504
CO-00084-01	5.19	137	01.4600.00.0002 - Construction	Fab and Deliver Fixtures	LS	1	6,500.00	6500 Pro-00023	14-6504
CO-00084-01	5.20	138	01.4600.00.0002 - Construction	Lighting Trim & Fixtures	LS	1	3,000.00	3000 Pro-00023	14-6504
CO-00084-01	5.21	139	01.4600.00.0002 - Construction	Lightning Protection	LS	1	6,000.00	6000 Pro-00023	14-6504
CO-00084-01	5.22	140	01.4600.00.0002 - Construction	Demolition	LS	1	14,000.00	14000 Pro-00023	14-6504
CO-00084-01	5.23	141	01.4600.00.0002 - Construction	Fiber Optic Cable and Patch Panels	LS	1	15,000.00	15000 Pro-00023	14-6504
CO-00084-01	5.24	142	01.4600.00.0002 - Construction	Temperature Switches/Sensors	LS	1	3,000.00	3000 Pro-00023	14-6504
CO-00084-01	5.25	143	01.4600.00.0002 - Construction	Instrumentation Wire	LS	1	12,500.00	12500 Pro-00023	14-6504
CO-00084-01	5.26	144	01.4600.00.0002 - Construction	Demolition	LS	1	11,500.00	11500 Pro-00023	14-6504
CO-00084-01	5.27	145	01.4600.00.0002 - Construction	Sitework & Bldg Pad	LS	1	52,500.00	52500 Pro-00023	14-6504
CO-00084-01	5.28	146	01.4600.00.0002 - Construction	Concrete Foundation & Transformer Pads & Sidewalks	LS	1	61,000.00	61000 Pro-00023	14-6504
CO-00084-01	5.29	147	01.4600.00.0002 - Construction	Asphalt Parking	LS	1	5,000.00	5000 Pro-00023	14-6504
CO-00084-01	5.30	148	01.4600.00.0002 - Construction	Precast Walls	LS	1	110,000.00	110000 Pro-00023	14-6504
CO-00084-01	5.31	149	01.4600.00.0002 - Construction	Precast Roof	LS	1	75,000.00	75000 Pro-00023	14-6504
CO-00084-01	5.32	150	01.4600.00.0002 - Construction	Precast Erection	LS	1	25,000.00	25000 Pro-00023	14-6504
CO-00084-01	5.33	151	01.4600.00.0002 - Construction	Misc Aluminum & Conduit Bridges	LS	1	45,000.00	45000 Pro-00023	14-6504
CO-00084-01	5.34	152	01.4600.00.0002 - Construction	Rough Carpentry	LS	1	5,000.00	5000 Pro-00023	14-6504
CO-00084-01	5.35	153	01.4600.00.0002 - Construction	Waterproofing	LS	1	5,500.00	5500 Pro-00023	14-6504
CO-00084-01	5.36	154	01.4600.00.0002 - Construction	TPO Roof & Insulation	LS	1	22,558.00	22558 Pro-00023	14-6504
CO-00084-01	5.37	155	01.4600.00.0002 - Construction	Floor Sealing	LS	1	1,500.00	1500 Pro-00023	14-6504
CO-00084-01	5.38	156	01.4600.00.0002 - Construction	FRP Doors ,Frames & Hardware	LS	1	10,500.00	10500 Pro-00023	14-6504
CO-00084-01	5.39	157	01.4600.00.0002 - Construction	Fire Extinguishers & Cabinet	LS	1	1,000.00	1000 Pro-00023	14-6504
CO-00084-01	5.40	158	01.4600.00.0002 - Construction	HVAC	LS	1	26,000.00	26000 Pro-00023	14-6504
CO-00084-01	6.01	159	01.4600.00.0002 - Construction	U/G Electrical Rough In / Manholes	LS	1	100,400.00	100400 Pro-00023	14-6504
CO-00084-01	6.02	160	01.4600.00.0002 - Construction	Deliver Generators / Paralleling Gear	LS	1	682,000.00	682000 Pro-00023	14-6504
CO-00084-01	6.03	161	01.4600.00.0002 - Construction	Install Generators and Paralleling Gear	LS	1	47,500.00	47500 Pro-00023	14-6504
CO-00084-01	6.04	162	01.4600.00.0002 - Construction	Feeders / Terminations	LS	1	43,000.00	43000 Pro-00023	14-6504
CO-00084-01	6.05	163	01.4600.00.0002 - Construction	Branch Power and Branch Install	LS	1	2,500.00	2500 Pro-00023	14-6504
CO-00084-01	6.06	164	01.4600.00.0002 - Construction	Control Work	LS	1	34,500.00	34500 Pro-00023	14-6504
CO-00084-01	6.07	165	01.4600.00.0002 - Construction	Grounding	LS	1	6,000.00	6000 Pro-00023	14-6504
CO-00084-01	6.08	166	01.4600.00.0002 - Construction	Training	LS	1	5,000.00	5000 Pro-00023	14-6504
CO-00084-01	6.09	167	01.4600.00.0002 - Construction	Fiber Optic Cable and Patch Panels	LS	1	10,000.00	10000 Pro-00023	14-6504
CO-00084-01	6.10	168	01.4600.00.0002 - Construction	Temperature Switches/Sensors	LS	1	2,000.00	2000 Pro-00023	14-6504
CO-00084-01	6.11	169	01.4600.00.0002 - Construction	Demolition	LS	1	19,000.00	19000 Pro-00023	14-6504
CO-00084-01	6.12	170	01.4600.00.0002 - Construction	Sitework	LS	1	30,000.00	30000 Pro-00023	14-6504

CO-00084-01	6.13	171	01.4600.00.0002 - Construction	Foundation	LS	1	50,000.00	50000 Pro-00023	14-6504
				Generator # 1 & 2 Replacement: FRP					
				Stairs & Platforms & Aluminum					
CO-00084-01	6.14	172	01.4600.00.0002 - Construction	Handrails	LS	1	57,500.00	57500 Pro-00023	14-6504
CO-00084-01	7.01	173	01.4600.00.0002 - Construction	Contract Award	LS	1	27,955.00	27955 Pro-00023	14-6504
CO-00084-01	7.02	174	01.4600.00.0002 - Construction	Submittal of DCS Equipment Drawings	LS	1	48,181.00	48181 Pro-00023	14-6504
CO-00084-01	7.03	175	01.4600.00.0002 - Construction	Submittal of DCS Application Software					
				Documentation	LS	1	48,181.00	48181 Pro-00023	14-6504
				DCS Equipment Complete on Test					
CO-00084-01	7.04	176	01.4600.00.0002 - Construction	Floor	LS	1	48,181.00	48181 Pro-00023	14-6504
CO-00084-01	7.05	177	01.4600.00.0002 - Construction	Shipment of DCS Equipment	LS	1	149,317.00	149317 Pro-00023	14-6504
				Finalization of Appl. SW, & Initial					
CO-00084-01	7.06	178	01.4600.00.0002 - Construction	Emerson Field Eng. Site Visit	LS	1	68,408.00	68408 Pro-00023	14-6504
CO-00084-01	7.07	179	01.4600.00.0002 - Construction	DCS Installation and Commissioning	LS	1	48,181.00	48181 Pro-00023	14-6504
				Resolution of All DCS Punch List					
CO-00084-01	7.08	180	01.4600.00.0002 - Construction	Items/ Final Acceptance	LS	1	28,796.00	28796 Pro-00023	14-6504
CO-00084-01	8.01	181	01.4600.00.0002 - Construction	Temp Standby Generator	LS	1	39,000.00	39000 Pro-00023	14-6504
CO-00084-01	9.01	182	01.4600.00.0002 - Construction	Hydro Vacuum Extract	LS	1	147,800.00	147800 Pro-00023	14-6504