



## TRAVIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT 17

3812 Eck Lane • Austin, Texas 78734  
Phone (512) 266-1111 • Fax (512) 266-2790

Notice is hereby given pursuant to V.T.C.A., Government Code § 551, that the Board of Directors of Travis County Water Control and Improvement District No. 17 will hold a regular meeting, open to the public, on Thursday, July 21, 2016, at 6:00 p.m., at the Travis County Water Control and Improvement District offices, at 3812 Eck Lane.

The Consent Agenda allows the Board of Directors to approve all routine, non-controversial items with a single motion, without the need for discussion by the full Board. Any item may be removed from consent and considered individually upon request of a Board member or a member of the public attending the meeting. Any citizen having interest in these matters is invited to attend.

### Items on the Agenda

- I. CALL TO ORDER
- II. ESTABLISH A QUORUM
- III. MANAGER AND COMMITTEE REPORTS
  - A. MANAGER'S REPORT: STATUS OF DISTRICT OPERATIONS, FINANCES, DISTRICT CONSTRUCTION PROJECTS, DEVELOPER CONSTRUCTION PROJECTS, DISTRICT ADMINISTRATION AND MANAGEMENT, DISTRICT PLANNING
  - B. COMMITTEE REPORTS
    1. COMMUNICATIONS / PARKS AND CONSERVATION COMMITTEE REPORT
    2. LEGAL COMMITTEE REPORT
    3. PLANNING COMMITTEE REPORT
    4. BUDGET AND FINANCE COMMITTEE REPORT
    5. POLICY COMMITTEE REPORT
    6. IMPACT FEE ADVISORY COMMITTEE
    7. STORMWATER COMMITTEE
- IV. CONSENT AGENDA
  - A. APPROVE PAY ESTIMATES/CHANGE ORDERS FOR VARIOUS CONSTRUCTION PROJECTS IN THE DISTRICT
    1. Eck Lane WTP Backwash Improvements, Pay Estimate #5, Prota Construction Inc. and Prota Inc, JV
    2. Flintrock Wastewater Treatment Plant Expansion, Pay Estimate #3, PLW Central Texas
  - B. APPROVE PAYMENT OF CURRENT INVOICES
  - C. APPROVE MINUTES – June 16, 2016 Meeting
- V. PUBLIC COMMENT, 6:30 P.M.
- VI. NEW BUSINESS
  - A. DISCUSS/CONSIDER/TAKE ACTION ON APPROVAL OF CONTRACT TO ACQUIRE WATER RIGHTS OF APPROXIMATELY 40 MILLION GALLONS (122 ACRE FEET) PER YEAR FOR IRRIGATION
- VII. THE BOARD WILL MEET IN EXECUTIVE SESSION TO RECEIVE ADVICE FROM ITS ATTORNEY, IN ACCORDANCE WITH TEXAS GOVERNMENT CODE SECTIONS 551.071 AND 551.072 REGARDING THE APPROVAL OF A CONTRACT TO ACQUIRE WATER RIGHTS FOR IRRIGATION.
- VIII. ADJOURNMENT

  
Linda R. Sandlin  
Administrative Assistant



## Pay Estimate Requests - July 21, 2016

### District 17

**1. Eck Lane WTP Backwash Improvements Project**

Prota Construction Inc. & Prota Inc, JV

**Pay Estimate # 05**

**\$ 237,697.56**

**3. Flintrock Water Treatment Expansion**

PLW Central Texas

**Pay Estimate # 03**

**\$ 149,678.35**



July 5, 2016

Ms. Deborah Gernes  
TRAVIS COUNTY WC&ID NO. 17  
3812 Eck Lane  
Austin, Texas 78734

**RE: Pay Estimate – Prota Construction Inc and Prota Inc, JV  
Eck Lane WTP Backwash Improvements Project**

Dear Ms. Gernes,

We have reviewed the enclosed pay estimate and find everything to be in order. We therefore recommend payment as indicated below:

PAY ESTIMATE NO. 5		
ORIGINAL CONTRACT AMOUNT:	\$	1,189,000.00
CHANGE ORDERS:	\$	44,600.00
<b>TOTAL CONTRACT AMOUNT:</b>	<b>\$</b>	<b>1,233,600.00</b>
TOTAL WORK COMPLETED / MATERIALS ON-HAND:	\$	478,243.73
LESS RETAINAGE @ 5%	\$	23,912.19
<b>TOTAL DUE:</b>	<b>\$</b>	<b>454,331.54</b>
LESS PREVIOUS AMOUNT PAID:	\$	216,633.98
<b>TOTAL BALANCE DUE THIS ESTIMATE:</b>	<b>\$</b>	<b>237,697.56</b>

Please review the enclosed pay estimate. If you should have any questions please feel free to contact our office.

Sincerely,

Michael Bevilaqua, E.I.T.

RCE Job # 6014-294

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# APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

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To: Travis County WCID #17 PROJECT: Eck Lane WTP Backwash Improvements APPLICATION NO: 5 Distribution to:

3812 Eck Lane PERIOD: 6/1/16 to 6/30/16  OWNER

Austin, Texas 78755 DATE: 7/11/2016  ENGINEER

From: Prota Construction Inc & Prota Inc JV  CONTRACTOR

PO Box 342195

Austin, Texas 78734

## CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	\$ 1,189,000.00
2. Net change by Change Orders	44,600.00
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$ 1,233,600.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$ 478,243.73
5. RETAINAGE:	
a. 5 % of Completed Work (Column D + E on G703)	\$ 23,849.00
b. 5 % of Stored Material (Column F on G703)	\$ 63.19
Total Retainage (Lines 5a + 5b or Total in Column I of G703)	\$ 23,912.19
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$ 454,331.54
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$ 216,633.98
8. CURRENT PAYMENT DUE (Line 6 minus Line 7)	\$ 237,697.56
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$ 779,268.46

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$41,100.00	\$0.00
Total approved this Month	\$3,500.00	\$0.00
TOTALS	\$44,600.00	\$0.00
NET CHANGES by Change Order		\$44,600.00

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Prota Construction Inc & Prota Inc JV

By: [Signature] Date: 6/28/2015

Rafael J. Soto, Project Manager

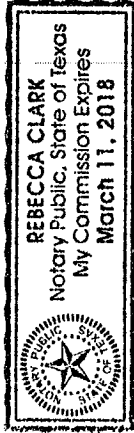
State of Texas, County of Williamson

Subscribed and Sworn to before me

This 28 Day of June, 2016

Notary Public: [Signature]

My Commission expires: 3-11-18



### AUTHORIZING SIGNATURES:

By: [Signature] Date: 6/28/2016

Engineer

By: [Signature] Date: \_\_\_\_\_

Travis County Water Control & Improvements District 17

By: \_\_\_\_\_ Date: \_\_\_\_\_

Travis County Water Control & Improvements District 17

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVE., N.W., WASHINGTON, DC 20006-5282

AIA DOCUMENT G702, APPLICATION AND CERTIFICATION FOR PAYMENT, 1992 EDITION, AIA © 1992

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AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.  
 In tabulations below, amounts are stated to the nearest dollar.  
 Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 1  
 APPLICATION DATE: 4/1/2016  
 PERIOD: 6/1/16 to 6/30/16

A ITEM NO.	B DESCRIPTION OF WORK	C QUANTITY	C TOTAL SCHEDULED VALUE	QUANTITY THIS PERIOD	UNIT	UNIT PRICE	D WORK COMPLETED FROM PREVIOUS APPLICATION (D + E)	E WORK COMPLETED THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN DORÉ)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)	H % (G + C)	H BALANCE TO FINISH (C - G)
1.00	Bonding, Mobilization and Insurance.	1.00	\$ 56,000.00	-	LS	\$ 56,000.00	\$ 56,000.00	\$ -	\$ -	\$ 56,000.00	100.00%	\$ -
2.00	SWPPP Implementation, Inspection and reports	1.00	\$ 2,500.00	0.10	LS	\$ 2,500.00	\$ 1,250.00	\$ 250.00	\$ -	\$ 1,500.00	60.00%	\$ 1,000.00
3.00	Environmental Protection/Storm Water Pollution Prevention Plan	1.00	\$ 7,500.00	0.10	LS	\$ 7,500.00	\$ 3,750.00	\$ 750.00	\$ -	\$ 4,500.00	60.00%	\$ 3,000.00
4.00	Trench and Excavation Safety	1.00	\$ 500.00	-	LS	\$ 500.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 500.00
5.00	Site work	1.00	\$ 1,000.00	-	LS	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	100.00%	\$ -
5.01	Temporary Fence	1.00	\$ 2,000.00	-	LS	\$ 2,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 2,000.00
5.02	Final Fence	1.00	\$ 3,000.00	-	LS	\$ 3,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 3,000.00
5.03	REVEGETATION AND FINAL GRADING	1.00	\$ 4,000.00	-	LS	\$ 4,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 4,000.00
5.04	Concrete Pavement	1.00	\$ 10,000.00	-	LS	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 574.97	\$ 574.97	14.37%	\$ 3,425.03
5.05	Excavation for Upflow Clarifier & Backwash Tank	1.00	\$ 10,000.00	-	LS	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 10,000.00
6.00	Yard Piping	230.00	\$ 18,400.00	-	LF	\$ 80.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 18,400.00
6.01	6" REW PIPELINE	230.00	\$ 18,400.00	-	LF	\$ 80.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 18,400.00
6.02	FLOWMETER AND pH METER CONCRETE VAULTS	2.00	\$ 8,000.00	-	EA	\$ 4,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 8,000.00
6.03	CHEMICAL INJECTION CONCRETE VAULT	1.00	\$ 6,000.00	-	EA	\$ 6,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 6,000.00
6.04	6" RFE PIPELINE	170.00	\$ 13,600.00	-	LF	\$ 80.00	\$ 6,800.00	\$ -	\$ -	\$ 6,800.00	50.00%	\$ 6,800.00
6.05	6" RFI PIPELINE	70.00	\$ 5,600.00	-	LF	\$ 80.00	\$ 4,480.00	\$ -	\$ -	\$ 4,480.00	80.00%	\$ 1,120.00
6.06	4" WATERLINE RELOCATION	170.00	\$ 8,500.00	-	LF	\$ 50.00	\$ 8,500.00	\$ -	\$ -	\$ 8,500.00	100.00%	\$ -
6.07	BACKFLOW PREVENTER	1.00	\$ 7,000.00	-	EA	\$ 7,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 7,000.00
6.08	2" WATER SUPPLY LINE	1.00	\$ 1,500.00	-	LS	\$ 1,500.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 1,500.00
6.09	EMERGENCY SHOWER	1.00	\$ 2,500.00	-	LS	\$ 2,500.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 2,500.00
6.10	HOSE ASSEMBLY	1.00	\$ 600.00	-	LS	\$ 600.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 600.00
6.11	6" SLUDGE DRAIN FROM THICKENER	40.00	\$ 3,200.00	-	LF	\$ 80.00	\$ 3,200.00	\$ -	\$ -	\$ 3,200.00	100.00%	\$ -
6.12	15" 12" DRAIN LINE	110.00	\$ 13,200.00	-	LF	\$ 120.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 13,200.00
6.13	2" & 4" DRAINS FROM CHEMICAL ROOMS	1.00	\$ 900.00	-	LS	\$ 900.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 900.00
6.14	GRATE INLETS AND CATCH BASINS	2.00	\$ 4,000.00	-	EA	\$ 2,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 4,000.00
6.15	MODULAR TRENCH WITH GRATE	30.00	\$ 6,000.00	-	LF	\$ 200.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 6,000.00
6.16	FRENCH DRAIN BEHIND BW BASIN	10.00	\$ 1,000.00	-	LF	\$ 100.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 1,000.00
7.00	UPFLOW CLARIFIER & BACKWASH STORAGE BASIN											
7.01	Floor Construction	1.00	\$ 8,000.00	-	LS	\$ 8,000.00	\$ 8,000.00	\$ -	\$ -	\$ 8,000.00	100.00%	\$ -
7.02	Floor Steel Reinforcement	1.00	\$ 2,000.00	-	LS	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	100.00%	\$ -
7.03	Forming	1.00	\$ 55,000.00	-	CY	\$ 55,000.00	\$ 55,000.00	\$ -	\$ -	\$ 55,000.00	100.00%	\$ -
7.04	Floor Concrete/Pouring	1.00	\$ 8,000.00	-	LS	\$ 8,000.00	\$ 8,000.00	\$ -	\$ -	\$ 8,000.00	100.00%	\$ -
7.05	Concrete Walls Construction	1.00	\$ 8,000.00	-	LS	\$ 8,000.00	\$ 8,000.00	\$ -	\$ -	\$ 8,000.00	100.00%	\$ -
7.06	Walls Steel Reinforcement	1.00	\$ 8,000.00	0.03	LS	\$ 8,000.00	\$ 7,792.04	\$ 207.96	\$ -	\$ 8,000.00	100.00%	\$ -
7.07	Forming	5,500.00	\$ 11,000.00	3,300.00	SF	\$ 2.00	\$ 4,400.00	\$ 6,600.00	\$ -	\$ 11,000.00	100.00%	\$ -
7.08	Walls Concrete/Pouring	130.00	\$ 65,000.00	130.00	CY	\$ 500.00	\$ 65,000.00	\$ -	\$ -	\$ 65,000.00	100.00%	\$ -
7.09	Piping Installation	1.00	\$ 8,000.00	0.50	LS	\$ 8,000.00	\$ 4,000.00	\$ -	\$ -	\$ 4,000.00	50.00%	\$ 4,000.00
7.10	RETAINING WALL CONSTRUCTION	1.00	\$ 10,000.00	-	LS	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 10,000.00
7.11	CONCRETE PADS CONSTRUCTION	1.00	\$ 21,500.00	-	LS	\$ 21,500.00	\$ -	\$ -	\$ 661.30	\$ 661.30	3.08%	\$ 20,838.70
7.12	UPFLOW STEEL ACCESS STAIRS	1.00	\$ 40,000.00	-	LS	\$ 40,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 40,000.00
7.13	CHEMICAL FEED ROOM											
7.14	CMU Walls Construction	1.00	\$ 15,000.00	-	LS	\$ 15,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 15,000.00
7.15	Roof Construction	1.00	\$ 14,000.00	-	LS	\$ 14,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 14,000.00
7.16	Finishes	1.00	\$ 3,000.00	-	LS	\$ 3,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 3,000.00
8.00	Up Flow Clarifier Equipment											
8.01	Furnish Up Flow Clarifier Equipment	1.00	\$ 142,000.00	1.00	LS	\$ 142,000.00	\$ -	\$ 142,000.00	\$ -	\$ 142,000.00	100.00%	\$ -
8.02	Installation of Up Flow Clarifier Equipment	1.00	\$ 68,000.00	-	LS	\$ 68,000.00	\$ -	\$ -	\$ -	\$ -	0.00%	\$ 68,000.00
9.00	Chemical Feed Equipment											

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9.01	Furnish Chemical Feed Equipment	1.00	\$	230,000.00	LS	\$	230,000.00	\$	-	\$	-	0.00%	\$	230,000.00
9.02	Install Chemical Feed Equipments	1.00	\$	25,000.00	LS	\$	25,000.00	\$	-	\$	-	0.00%	\$	25,000.00
9.03	Chemical piping installation	1.00	\$	8,500.00	LS	\$	8,500.00	\$	-	\$	-	0.00%	\$	8,500.00
9.04	Heater	1.00	\$	4,000.00	LS	\$	4,000.00	\$	-	\$	-	0.00%	\$	4,000.00
9.05	Vents	1.00	\$	1,000.00	LS	\$	1,000.00	\$	-	\$	-	0.00%	\$	1,000.00
9.06	Louvers	1.00	\$	1,500.00	LS	\$	1,500.00	\$	-	\$	-	0.00%	\$	1,500.00
10.00	<b>Modifications To Existing Backwash Basin</b>													
10.01	PRESSURE WASH BACKWASH BASIN	1.00	\$	1,000.00	LS	\$	1,000.00	\$	-	\$	-	100.00%	\$	1,000.00
10.02	NEW CONCRETE ROOF	1.00	\$	16,000.00	LS	\$	16,000.00	\$	-	\$	-	25.00%	\$	12,000.00
10.03	REMOVE & REPLACE SUBMERSIBLE PUMPS AND PIPING	2.00	\$	18,000.00	EA	\$	9,000.00	\$	4,000.00	\$	18,000.00	100.00%	\$	
10.04	INSTALLATION OF NEW PIPING	1.00	\$	2,000.00	LS	\$	2,000.00	\$	-	\$	-	0.00%	\$	2,000.00
10.05	NEW GRATING, HANDRAILS AND METAL FABRICATIONS	1.00	\$	3,000.00	LS	\$	3,000.00	\$	-	\$	27.46	0.92%	\$	2,972.54
10.06	INST OF 24" HDPE ELBOW	1.00	\$	2,000.00	LS	\$	2,000.00	\$	-	\$	-	0.00%	\$	2,000.00
11.00	<b>Self Priming RF Waste Pumps</b>													
11.01	Remove & replace RF waste pumps	2.00	\$	18,000.00	EA	\$	9,000.00	\$	9,000.00	\$	-	75.00%	\$	4,500.00
11.02	Remove & replace Piping	1.00	\$	2,000.00	LS	\$	2,000.00	\$	400.00	\$	-	20.00%	\$	1,600.00
12.00	<b>Site Demolition</b>													
12.01	RF tank demolition	1.00	\$	8,000.00	LS	\$	8,000.00	\$	-	\$	-	0.00%	\$	8,000.00
12.02	RF tank foundation demolition	1.00	\$	2,000.00	LS	\$	2,000.00	\$	-	\$	-	0.00%	\$	2,000.00
12.03	Demolish Plate Settler and Turn over to Owner	1.00	\$	6,000.00	LS	\$	6,000.00	\$	-	\$	-	0.00%	\$	6,000.00
12.04	Site Pavement Demo & Haul	1.00	\$	4,000.00	LS	\$	4,000.00	\$	-	\$	-	0.00%	\$	4,000.00
13.00	<b>Electrical and Instrumentation</b>													
		1.00	\$	180,000.00	LS	\$	180,000.00	\$	4,500.00	\$	-	2.50%	\$	175,500.00
14.00	<b>Change Orders</b>													
14.01	BORE UNDER RF TANK	1	\$	10,300.00	LS	\$	10,300.00	\$	-	\$	-	100.00%	\$	
	ADD EXCAVATION & BACKFILL UNDER PROP. BASIN	1	\$	30,800.00	LS	\$	30,800.00	\$	30,800.00	\$	-	100.00%	\$	
	CONCRETE PILASTER FOR JIB CRANE	1	\$	3,500.00	LS	\$	3,500.00	\$	3,500.00	\$	-	100.00%	\$	
	<b>TOTAL BASE BID</b>		\$	1,233,600.00		\$	226,772.04	\$	250,207.96	\$	1,263.73		\$	478,243.73
													\$	755,366.27

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OWNER: D No 17

E OF VALUES #1

PERIOD

6/1/2016 TO

6/30/2016

Bid Item	QTY	UNIT	ITEM DESCRIPTION	UNIT PRICE	AMOUNT	Previously Earned	Amount Earned This Voucher	Total Earned	%	Pay App #1	Pay App #2	Pay App #3	Pay App #4	Pay App #5
BASE BID														
1.00	1.00	LS	Bonding, Mobilization and Insurance	\$ 56,000.00	\$ 56,000.00	\$ 56,000.00	\$ -	\$ 56,000.00	100%	\$ 56,000.00				
2.00	1.00	LS	SWPPP Implementation, inspection and reports	\$ 2,500.00	\$ 2,500.00	\$ 1,250.00	\$ 250.00	\$ 1,500.00	60%	\$ 500.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00
3.00	1.00	LS	Environmental Protection/Storm Water Pollution Prevention Plan	\$ 7,500.00	\$ 7,500.00	\$ 3,750.00	\$ 750.00	\$ 4,500.00	60%	\$ 1,500.00	\$ 750.00	\$ 750.00	\$ 750.00	\$ 750.00
4.00	1.00	LS	Trench and Excavation Safety	\$ 500.00	\$ 500.00	\$ -	\$ -	\$ -	0%	\$ -				
5.00			Site work											
5.01	1.00	LS	Temporary Fence	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 1,000.00	100%	\$ 1,000.00				
5.02	1.00	LS	Final Fence	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0%	\$ -				
5.03	1.00	LS	REVEGETATION AND FINAL GRADING	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0%	\$ -				
5.04	1.00	LS	Concrete Pavement	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0%	\$ -				
5.05	1.00	LS	Excavation for Upflow Clarifier & Backwash Tank	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 10,000.00	100%	\$ 1,000.00	\$ 8,500.00	\$ 500.00		
6.00			Yard Piping											
6.01	230.00	LF	6" RFW PIPELINE	\$ 80.00	\$ 18,400.00	\$ -	\$ -	\$ -	0%	\$ -				
6.02	2.00	EA	FLOWMETER AND pH METER CONCRETE VAULTS	\$ 4,000.00	\$ 8,000.00	\$ -	\$ -	\$ -	0%	\$ -				
6.03	1.00	EA	CHEMICAL INJECTION CONCRETE VAULT	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0%	\$ -				
6.04	170.00	LF	6" RFE PIPELINE	\$ 80.00	\$ 13,600.00	\$ 6,800.00	\$ -	\$ 6,800.00	50%	\$ -	\$ 6,800.00			
6.05	70.00	LF	6" RFI PIPELINE	\$ 80.00	\$ 5,600.00	\$ 4,480.00	\$ -	\$ 4,480.00	80%	\$ -		\$ 4,480.00		
6.06	170.00	LF	4" WATERLINE RELOCATION	\$ 50.00	\$ 8,500.00	\$ 8,500.00	\$ -	\$ 8,500.00	100%	\$ 8,000.00	\$ 500.00			
6.07	1.00	EA	BACKFLOW PREVENTER	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	\$ -	0%	\$ -				
6.08	1.00	LS	2" WATER SUPPLY LINE	\$ 1,500.00	\$ 1,500.00	\$ -	\$ -	\$ -	0%	\$ -				
6.09	1.00	LS	EMERGENCY SHOWER	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ -	0%	\$ -				
6.10	1.00	LS	HOSE ASSEMBLY	\$ 600.00	\$ 600.00	\$ -	\$ -	\$ -	0%	\$ -				
6.11	40.00	LF	8" SLUDGE DRAIN FROM THICKENER	\$ 80.00	\$ 3,200.00	\$ 3,200.00	\$ -	\$ 3,200.00	100%	\$ -		\$ 3,200.00		
6.12	110.00	LF	15" 12" DRAIN LINE	\$ 120.00	\$ 13,200.00	\$ -	\$ -	\$ -	0%	\$ -				
6.13	1.00	LS	2" & 4" DRAINS FROM CHEMICAL ROOMS	\$ 900.00	\$ 900.00	\$ -	\$ -	\$ -	0%	\$ -				
6.14	2.00	EA	GRATE INLETS AND CATCH BASINS	\$ 2,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0%	\$ -				
6.15	30.00	LF	MODULAR TRENCH WITH GRATE	\$ 200.00	\$ 6,000.00	\$ -	\$ -	\$ -	0%	\$ -				
6.16	10.00	LF	FRENCH DRAIN BEHIND BW BASIN	\$ 100.00	\$ 1,000.00	\$ -	\$ -	\$ -	0%	\$ -				
7.00			UPFLOW CLARIFIER & BACKWASH STORAGE BASIN											
7.01			Floor Construction											
7.02	1.00	LS	Floor Steel Reinforcement	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ -	\$ 8,000.00	100%	\$ -		\$ 6,000.00	\$ 2,000.00	
7.03	1.00	LS	Forming	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 2,000.00	100%	\$ -		\$ 2,000.00		
7.04	110.00	CY	Floor Concrete Pouring	\$ 500.00	\$ 55,000.00	\$ 55,000.00	\$ -	\$ 55,000.00	100%	\$ -			\$ 55,000.00	
7.05			Concrete Walls Construction											
7.06	1.00	LS	Walls Steel Reinforcement	\$ 8,000.00	\$ 8,000.00	\$ 7,792.04	\$ 207.96	\$ 8,000.00	100%	\$ -		\$ 7,792.04	\$ 207.96	
7.07	130.00	CY	Walls Concrete Pouring	\$ 500.00	\$ 65,000.00	\$ 65,000.00	\$ -	\$ 65,000.00	100%	\$ -		\$ 4,400.00	\$ 65,000.00	
7.08	1.00	LS	Piping Installation	\$ 8,000.00	\$ 8,000.00	\$ -	\$ 4,000.00	\$ 4,000.00	50%	\$ -				\$ 4,000.00
7.10	1.00	LS	RETAINING WALL CONSTRUCTION	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	0%	\$ -				
7.11	1.00	LS	CONCRETE PADS CONSTRUCTION	\$ 21,500.00	\$ 21,500.00	\$ -	\$ -	\$ -	0%	\$ -				
7.12	1.00	LS	UPFLOW STEEL ACCESS STAIRS	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ -	0%	\$ -				
7.13			CHEMICAL FEED ROOM											
7.14	1.00	LS	CMU Walls Construction	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	0%	\$ -				
7.15	1.00	LS	Roof Construction	\$ 14,000.00	\$ 14,000.00	\$ -	\$ -	\$ -	0%	\$ -				
7.16	1.00	LS	Finishes	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0%	\$ -				
8.00			Up Flow Clarifier Equipment											
8.01	1.00	LS	Furnish Up Flow Clarifier Equipment	\$ 142,000.00	\$ 142,000.00	\$ -	\$ 142,000.00	\$ 142,000.00	100%	\$ -				\$ 142,000.00
8.02	1.00	LS	Installation of Up Flow Clarifier Equipment	\$ 68,000.00	\$ 68,000.00	\$ -	\$ -	\$ -	0%	\$ -				
9.00			Chemical Feed Equipment											
9.01	1.00	LS	Furnish Chemical Feed Equipment	\$ 230,000.00	\$ 230,000.00	\$ -	\$ -	\$ -	0%	\$ -				
9.02	1.00	LS	Install Chemical Feed Equipments	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ -	0%	\$ -				
9.03	1.00	LS	Chemical piping installation	\$ 8,500.00	\$ 8,500.00	\$ -	\$ -	\$ -	0%	\$ -				
9.04	1.00	LS	Heater	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0%	\$ -				
9.05	1.00	LS	Vents	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ -	0%	\$ -				
9.06	1.00	LS	Louvers	\$ 1,500.00	\$ 1,500.00	\$ -	\$ -	\$ -	0%	\$ -				
10.00			Modifications To Existing Backwash Basin											
10.01	1.00	LS	PRESSURE WASH BACKWASH BASIN	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 1,000.00	100%	\$ -			\$ 1,000.00	
10.02	1.00	LS	NEW CONCRETE ROOF	\$ 16,000.00	\$ 16,000.00	\$ -	\$ 4,000.00	\$ 4,000.00	25%	\$ -				\$ 4,000.00
10.03	2.00	EA	REMOVE & REPLACE SUBMERSIBLE PUMPS AND PIPING	\$ 9,000.00	\$ 18,000.00	\$ -	\$ 18,000.00	\$ 18,000.00	100%	\$ -				\$ -18,000.00
10.04	1.00	LS	INSTALLATION OF NEW PIPING	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0%	\$ -				
10.05	1.00	LS	NEW GRATING, HANDRAILS AND METAL FABRICATIONS	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ -	0%	\$ -				
10.06	1.00	LS	INST OF 24" HDPE ELBOW	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0%	\$ -				
11.00			Self Priming RF Waste Pumps											
11.01	2.00	EA	Remove & replace RF waste pumps	\$ 9,000.00	\$ 18,000.00	\$ 4,500.00	\$ 9,000.00	\$ 13,500.00	75%	\$ -	\$ 4,500.00			\$ 9,000.00
11.02	1.00	LS	Remove & replace Piping	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 400.00	\$ 400.00	20%	\$ -				\$ 400.00
12.00			Site Demolition											
12.01	1.00	LS	RF tank demolition	\$ 8,000.00	\$ 8,000.00	\$ -	\$ -	\$ -	0%	\$ -				
12.02	1.00	LS	RF tank foundation demolition	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -	0%	\$ -				
12.03	1.00	LS	Demolish Plate Settler and Turn over to Owner	\$ 6,000.00	\$ 6,000.00	\$ -	\$ -	\$ -	0%	\$ -				
12.04	1.00	LS	Site Pavement Demo & Haul	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	0%	\$ -				
13.00	1.00	LS	Electrical and Instrumentation	\$ 180,000.00	\$ 180,000.00	\$ 4,500.00	\$ -	\$ 4,500.00	3%	\$ -			\$ 4,500.00	
14.00			CHANGE ORDERS											
14.01	1.00	LS	BORE UNDER RF TANK	\$ 10,300.00	\$ 10,300.00	\$ 10,300.00	\$ -	\$ 10,300.00	100%	\$ -	\$ 10,300.00			
14.02	1.00	LS	ADD EXCAVATION & BACKFILL UNDER PROP BASIN	\$ 30,800.00	\$ 30,800.00	\$ 30,800.00	\$ -	\$ 30,800.00	100%	\$ -		\$ 30,800.00		
	1.00	LS	CONCRETE PILASTER FOR JIB CRANE	\$ 3,500.00	\$ 10,300.00	\$ 3,500.00	\$ -	\$ 3,500.00	34%	\$ -			\$ 3,500.00	
TOTALS					\$ 1,240,400.00	\$ 226,772.04	\$ 250,207.96	\$ 476,980.00	38.45%	\$ 68,000.00	\$ 31,600.00	\$ 47,980.00	\$ 79,192.04	\$ 250,207.96
RETAINAGE EARNED								\$ 23,849.00		\$ 3,400.00	\$ 1,980.00	\$ 2,399.00	\$ 3,859.00	\$ 12,610.40
								\$ 453,131.00		\$ 64,600.00	\$ 30,020.00	\$ 45,581.00	\$ 78,232.44	\$ 237,697.56

A1-6





July 5, 2016

Ms. Deborah Gernes  
TRAVIS COUNTY WC&ID NO. 17  
3812 Eck Lane  
Austin, Texas 78734

**RE: Pay Estimate – PLW Central Texas  
Flintrock Wastewater Treatment Plant Expansion**

Dear Ms. Gernes,

We have reviewed the enclosed pay estimate and find everything to be in order. We therefore recommend payment as indicated below:

PAY ESTIMATE NO. 3		
ORIGINAL CONTRACT AMOUNT:	\$	9,489,000.00
CHANGE ORDERS:	\$	-
<b>TOTAL CONTRACT AMOUNT:</b>	<b>\$</b>	<b>9,489,000.00</b>
TOTAL WORK COMPLETED / MATERIALS ON-HAND:	\$	889,036.16
LESS RETAINAGE @ 5%	\$	44,451.81
<b>TOTAL DUE:</b>	<b>\$</b>	<b>844,584.35</b>
LESS PREVIOUS AMOUNT PAID:	\$	694,906.00
<b>TOTAL BALANCE DUE THIS ESTIMATE:</b>	<b>\$</b>	<b>149,678.35</b>

Please review the enclosed pay estimate. If you should have any questions please feel free to contact our office.

Sincerely,

William Peña, P.E.

RCE Job # 6014-239

**APPLICATION AND CERTIFICATE FOR PAYMENT**

AIA DOCUMENT G702

TO (OWNER): W.C.I.D. #17

002

Distribution to:

PROJECT: Flint rock wastewater Treatment Plant Expansion

VIA (ARCHITECT):

PLW Central Texas  
3701 Kirby Dr, Suite 1133  
Houston, TX 77098

APPLICATION DATE: 06/06/16  
PERIOD FROM: 05/01/16  
PERIOD TO: 05/30/16  
ARCHITECT'S PROJECT NO:

<input checked="" type="checkbox"/>	OWNER
<input checked="" type="checkbox"/>	ARCHITECT
<input type="checkbox"/>	CONTRACTOR

CONTRACT DATE: March 21, 2016

**CONTRACTOR'S APPLICATION FOR PAYMENT**

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by Owner			
TOTAL			
Approved this Month			
Number	Date Approved		
TOTALS		0.00	0.00
Net change by Change Orders		0.00	0.00

Application is made for Payment, as shown below, in connection with the Contract. Continuation sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM \$ 9,489,000.00
2. Net change by Change Orders \$ 0.00
3. CONTRACT SUM TO DATE (Line 1+2) \$ 9,489,000.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 889,036.16

5. RETAINAGE:

- a. 5 % Retainage Withheld  
To Date \$ 44,451.81
- b. ---% of Stored Material  
\$ 0.00

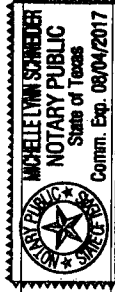
- Total Retainage (Line 5a + 5b or Total in Column I of G703) \$ 44,451.81
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total) \$ 844,584.35

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)

8. CURRENT PAYMENT DUE \$ 694,906.00
9. BALANCE TO FINISH, PLUS RETAINAGE (Line 3 less Line 6) \$ 149,678.35

AMOUNT CERTIFIED \$ 8,644,415.65

State of: TEXAS County of: Williamson  
Subscribed and sworn to before me this 1 day of July 2016  
Notary Public: [Signature]  
My commission expires: 8/14/17



AMOUNT CERTIFIED \$ 149,678.35  
(Attach explanation if amount certified differs from the amount applied for.)

Engineer: [Signature] Date: 7/5/2016  
Travis County WCID #17

**ENGINEER'S CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment on the AMOUNT CERTIFIED.

By: [Signature] Date: 7/5/2016  
Travis County WCID #17

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

A2-2

THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W., WASHINGTON, D.C. 20006

A2-3

AND CERTIFICATE FOR PAYMENT, containing  
 and Certification is attached.  
 amounts are stated to the nearest dollar.  
 re variable retainage for line items apply.

APPLICATION NO: 002

APPLICATION DATE: 6-Jun-16  
 PERIOD FROM: 1-May-16  
 TO: 30-May-16

ARCHITECT'S PROJECT NO.:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE		D PREVIOUS APPLICATION		E WORK COMPLETED This Application		F Stored Materials (not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% Complete (G/C)	H BALANCE TO FINISH (C-G)	I RETAINAGE WITHHELD	J RETAINAGE PERCENTAGE
		SCHEDULED VALUE	PREVIOUS APPLICATION	This Application									
				Work in Place	Stored Materials (not in D or E)								
1.00	<b>Item #1 - Bonding Mobilization and Insurance</b>	230,000	230,000.00	0.00	0.00	0.00	0.00	230,000.00	100.0%	230,000.00	11,500.00	5%	
1.01	Mobilization	25,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
1.02	Demobilization	11,000	11,000.00	0.00	0.00	0.00	0.00	11,000.00	100.0%	11,000.00	550.00	5%	
1.03	Builder Risk	78,000	0.00	78,000.00	0.00	0.00	0.00	78,000.00	100.0%	78,000.00	3,900.00	5%	
1.04	Electrical Mobilization	5,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
1.05	Electrical Demobilization	90,000	90,000.00	0.00	0.00	0.00	0.00	90,000.00	100.0%	90,000.00	4,500.00	5%	
1.06	Bonds	11,000	8,800.00	2,200.00	0.00	0.00	0.00	11,000.00	100.0%	11,000.00	550.00	5%	
1.07	Set Trailer												
2.00	<b>Item #2 - Storm Water Pollution Prevention Plan</b>	1,600	1,600.00	0.00	0.00	0.00	0.00	1,600.00	100.0%	1,600.00	80.00	5%	
2.01	SWPPP Plan												
3.00	<b>Item #3 - environmental Protection / Erosion and Sedimentation controls</b>	17,600	17,600.00	0.00	0.00	0.00	0.00	17,600.00	100.0%	17,600.00	880.00	5%	
3.01	Install of SWPPP Controls	8,000	1,600.00	800.00	0.00	0.00	0.00	2,400.00	30.0%	2,400.00	120.00	5%	
3.02	Monthly Inspection	1,600	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
3.03	Remove Silt Fence	4,800	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
4.00	<b>Item #4 - Trench Safety and Excavation safety Plan</b>												
4.01	Excavation Plan	6,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
5.00	<b>Item #5 Site Work</b>	80,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
5.01	Place & Finish Sidewalks	22,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
5.02	Place & Finish Concrete Paving	11,200	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
5.03	Place & Finish Mow Strip	120,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
5.04	Place Pipe Bollards	800	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
5.05	Fences And Gates	1,120	1,120.00	0.00	0.00	0.00	0.00	1,120.00	100.0%	1,120.00	56.00	5%	
5.06	Paving Striping												
5.07	Remove Tree												
6.00	<b>Item #6 Yard Piping</b>	24,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.01	Yard Piping - 8" FM	16,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.02	Yard Piping - Effluent	9,600	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.03	Yard Piping -Air	6,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.04	Yard Piping -Influent	8,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.05	Yard Piping -Chemical	465,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.06	Pipe Package (Material Only)	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.07	Tie in 8" FM -A	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.08	Tie in 8" FM -B	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.09	Tie in 8" FM -C	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.10	Tie in 8" FM -D	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.11	Tie in 8" FM -B	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.12	Tie in 12" EFF-C	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.13	Tie in 3" EFF	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.14	Tie in 18" INF-A	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
6.15	Chemical Lines	4,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%	
	<b>Items #7 -#10 &amp; #16 New SBR Basin/Building</b>												

A2-4

AND CERTIFICATE FOR PAYMENT, containing  
 and Certification is attached.  
 amounts are stated to the nearest dollar.  
 retainable retainage for line items apply.

APPLICATION NO: 002  
 APPLICATION DATE: 6-Jun-16  
 PERIOD FROM: 1-May-16  
 TO: 30-May-16

ARCHITECT'S PROJECT NO.:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D PREVIOUS APPLICATION		E WORK COMPLETED		F Stored Materials (not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE WITHHELD	J RETAINAGE PERCENTAGE
			APPLICATION	APPLICATION	Work in Place	This Application					
7.00	Structural Excavation	144,000	144,000.00	0.00	0.00	0.00	144,000.00	144,000.00	7,200.00	5%	
7.01	Install Steel H Piles and Steel Plate	224,000	212,800.00	11,200.00	0.00	0.00	224,000.00	224,000.00	11,200.00	5%	
7.02	Place Subgrade	25,833	0.00	24,541.16	0.00	0.00	24,541.16	24,541.16	1,227.06	5%	
7.03	Place and Finish Slab On Grade	192,000	0.00	19,200.00	0.00	0.00	19,200.00	19,200.00	960.00	5%	
7.04	Place Walls	832,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.05	Removing Steel H Piles and Steel Plate	20,840	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.06	Place and Finish Deck	67,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.07	Backfill & Compaction	112,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.08	Place Landing	16,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.09	Concrete Reinforcement (Material only)	220,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.10	Misc. Metals Structural Steel (Labor only)	80,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.11	Misc. Metals Structural Steel (Material only)	301,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.12	Misc. Metals Handrail (Labor only)	9,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.13	Staircase (Labor only)	9,024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.14	Masonry	261,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.15	Rough Carpentry	11,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.16	Plywood Decking @ Roof	118,300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.17	Standing Seam Roof	192,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.18	Treated Nails	11,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.19	Metal Doors And Frames	19,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.20	Louvers	1,820	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.21	Toilet Accessories	4,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.22	Lockers	2,080	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.23	Overhead Door	25,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.24	Acoustical Ceiling	9,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.25	Coating	32,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.26	Pipe Coating	112,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.27	Canopy	10,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.28	Bridge Crane	32,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.29	Plumbing	44,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.30	HVAC	63,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.31	Casework	6,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.32	Fire Extinguishers	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.33	Piping	70,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.34	Install SBR Aeration Equipment	22,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.35	Install Blowers	12,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.36	Install SBR Pumps	4,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.37	Install Effluent & Transfer Pumps	8,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.38	PSI Equipment	145,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.39	SBR Equipment Parkson	161,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.40	Pipe Support and Equipment Pads	9,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
7.41	Start-Up/Commissioning/O&M Manuals	8,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%	
11.00	<b>Item #11 Headworks</b>										
11.01	Excavation	9,600	9,600.00	0.00	0.00	0.00	9,600.00	9,600.00	480.00	5%	
11.02	Place Drilled Piers	12,000	0.00	12,000.00	0.00	0.00	12,000.00	12,000.00	600.00	5%	
11.03	Place Pile Caps	9,600	0.00	9,600.00	0.00	0.00	9,600.00	9,600.00	480.00	5%	
11.04	Place Walls	83,200	0.00	8,320.00	0.00	0.00	15.00	8,320.00	0.75	5%	

A2-5

AND CERTIFICATE FOR PAYMENT, containing  
 ad Certification is attached.  
 uments are stated to the nearest dollar.  
 re variable retainage for line items apply.

APPLICATION NO: 002  
 APPLICATION DATE: 6-Jun-16  
 PERIOD FROM: 1-May-16  
 TO: 30-May-16

ARCHITECTS PROJECT NO.:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D PREVIOUS APPLICATION	E WORK COMPLETED		F Stored Materials (not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE WITHHELD	J RETAINAGE PERCENTAGE
				Work in Place	This Application					
11.05	Place Subgrade	20,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.06	Place and Finish Slab On Grade	11,520	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.07	Place and Finish Deck	9,920	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.08	Place Landing	5,120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.09	Backfill & Compaction	26,880	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.10	Misc. Metals	11,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.11	Process Piping	9,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.12	Pipe Coating	15,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.13	Install Gates	4,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.14	Slide Gates ( Material only)	20,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.15	Install Screen and Conveyor	6,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.16	Screen and Conveyor ( Material Only)	245,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.17	Pipe Support and Equipment Pads	4,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
11.18	Start-Up/Commissioning/O&M Manuals	5,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.00	<b>Item #12 Disk Filters</b>									
12.01	Structural Excavation	24,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.02	Place Subgrade	9,440	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.03	Place Drilled Piers	5,760	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.04	Place Pile Caps	3,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.05	Place Subgrade	8,640	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.06	Place and Finish Slab On Grade	38,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.07	Place Walls	120,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.08	Place and Finish Deck	9,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.09	Backfill & Compaction	8,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.10	Place Landing	5,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.11	Misc. Metals	9,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.12	Pipe Coating	11,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.13	Process Piping	30,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.14	Install Backwash Pumps	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.15	Install Transfer Pumps	4,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.16	Filter Equipment	450,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.17	Pipe Support and Equipment Pads	6,480	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
12.18	Start-Up/Commissioning/O&M Manuals	5,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.00	<b>Item #13 Bleach Storage</b>									
13.01	Structural Excavation	8,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.02	Place Drilled Piers	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.03	Place Pile Caps	3,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.04	Place Subgrade	4,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.05	Place and Finish Slab On Grade	6,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.06	Place Walls	8,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.07	Backfill & Compaction	3,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.08	Misc. Metals	800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.09	Piping	1,920	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.10	Install Feed Skid	3,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.11	Chemical Feed System ( Material)	240,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%

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 and Certification is attached.  
 amounts are stated to the nearest dollar.  
 are variable retainage for line items apply.

APPLICATION NO: 002

APPLICATION DATE: 6-Jun-16

PERIOD FROM: 1-May-16

TO: 30-May-16

ARCHITECT'S PROJECT NO.:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D PREVIOUS APPLICATION		E WORK COMPLETED		F Stored Materials (not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE WITHHELD	J RETAINAGE PERCENTAGE
			PREVIOUS APPLICATION	APPLICATION	Work in Place	This Application					
13.12	Install Bleach Tank	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.13	Bleach Tank	65,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.14	Pipe Support and Equipment Pads	5,744	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.15	FRP Building	25,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
13.16	Start-Up/Commissioning/O&M Manuals	5,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.00	<b>Item #14 Sludge Building</b>										
14.01	Demo Process Equipment	11,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.02	Place and Finish Supported Flat	88,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.03	Misc. Metals	3,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.04	Plywood Decking @ Roof	4,800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.05	Metal Doors And Frames	1,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.06	Pipe Coating	22,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.07	Piping	14,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.08	Belt Filter Press	14,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.09	Belt Filter Press (Material only)	240,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.10	Install Conveyors	4,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.11	Conveyors ( Material Only)	110,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.12	Polymer Pumps ( Material Only)	40,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.13	Polymer Pumps ( Install)	2,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.14	Sludge Feed Pump ( Material Only)	70,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.15	Sludge Feed Pump (Install)	1,500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.16	Pipe Support and Equipment Pads	3,752	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
14.17	Start-Up/Commissioning/O&M Manuals	5,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
15.00	<b>Item #15 Existing SBR Basin</b>										
15.01	Demo Process Equipment	5,120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
15.02	Power Washing Bleach Contact	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
15.03	Misc. Metals	8,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
15.04	Piping	16,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
15.05	Sodium Hypo Feed System (Install)	3,200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
15.06	Sodium Hypo Feed System ( Material)	65,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
15.07	Grinder Pump Station (Material Only)	10,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
15.08	Grinder Pump Station	17,360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
15.09	Start-Up/Commissioning/O&M Manuals	5,600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
17.00	<b>Item #17 Site Demolition</b>										
17.01	Paving & Concrete Slope Removal	6,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
17.02	Sidewalk & Mow Strip Demo	960	960.00	0.00	0.00	0.00	960.00	960.00	960.00	48.00	5%
17.03	Curb Demo	2,400	2,400.00	0.00	0.00	0.00	2,400.00	2,400.00	2,400.00	120.00	5%
18.00	<b>Item #18 Electrical</b>										
18.01	Equipment & Engineering Services	63,091	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
18.02	Manholes	16,100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
18.03	Electrical Power Studies	358,682	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
18.04	Electrical Switchgear	126,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
18.05	Generator	47,250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
18.06	Light Fixtures	47,250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%

A-5-7

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APPLICATION NO: 002

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PERIOD FROM: 1-May-16

TO: 30-May-16

ARCHITECT'S PROJECT NO.:

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			Work in Place	This Application	Work in Place	This Application						
18.07	Generator Installation	6,300	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.08	Light Fixtures Installation	17,500	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.09	Switchgear Installation	21,000	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.10	Manhole Installation	103,100	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.11												
18.12	Site											
18.13	Ductbank #1 Excavate, place, pour and backfill	28,000	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.14	Ductbank #1 Wire and Terminate	2,380	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.15	Ductbank #3 Excavate, place, pour and backfill	21,600	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.16	Ductbank #3 Wire and Terminate	6,650	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.17	Ductbank #5 Excavate, place, pour and backfill	108,000	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.18	Ductbank #5 Wire and Terminate	5,460	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.19	Ductbank #9 Excavate, place, pour and backfill	8,800	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.20	Ductbank #9 Wire and Terminate	700	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.21	Ductbank #10 Excavate, place, pour and backfill	67,200	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.22	Ductbank #10 Wire and Terminate	5,880	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.23	Ductbank #11 Excavate, place, pour and backfill	2,880	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.24	Ductbank #11 Wire and Terminate	800	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.25	Ductbank #12 Excavate, place, pour and backfill	140	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.26	Ductbank #12 Wire and Terminate	41,600	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.27	Ductbank #13 Excavate, place, pour and backfill	2,660	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.28	Ductbank #13 Wire and Terminate	89,600	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.29	Ductbank #14 Excavate, place, pour and backfill	6,300	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.30	Ductbank #14 Wire and Terminate	132,800	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.31	Ductbank #15 Excavate, place, pour and backfill	13,160	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.32	Ductbank #15 Wire and Terminate	39,200	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.33	Ductbank #16 Excavate, place, pour and backfill	10,920	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.34	Ductbank #16 Wire and Terminate	22,400	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.35	Ductbank #17 Excavate, place, pour and backfill	7,280	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.36	Ductbank #17 Wire and Terminate	127,360	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.37	Ductbank #18 Excavate, place, pour and backfill	19,600	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.38	Ductbank #18 Wire and Terminate	59,200	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.39	Ductbank #19 Excavate, place, pour and backfill	9,800	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.40	Ductbank #19 Wire and Terminate	4,000	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.41	Ductbank #20 Excavate, place, pour and backfill	840	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.42	Ductbank #21 Wire and Terminate	4,640	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.43	Ductbank #22 Excavate, place, pour and backfill											
18.44												
18.45	Generator Slab	6,080	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.46	Underslab Conduit Rough-in Conduit	1,050	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.47	Wiring											
18.48												
18.49	Chemical Building	5,320	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.50	Conduit	882	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.51	Wiring											
18.52												
18.53	Bar Screen & Headworks	4,620	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	5%
18.54	Conduit											



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ARCHITECT'S PROJECT NO.:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D PREVIOUS APPLICATION		E WORK COMPLETED		F TOTAL COMPLETED AND STORED TO DATE (D+E+F)	G % Complete (G/C)	H BALANCE TO FINISH (C-G)	I RETAINAGE WITHHELD	J RETAINAGE PERCENTAGE
			PREVIOUS APPLICATION	THIS APPLICATION	Work in Place	Stored Materials (not in D or E)					
18.55	Wiring	1,344	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.56											
18.57	Disk Filter	12,880	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.58	Conduit	2,912	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.59	Wiring										
18.60											
18.61	Sludge Building	5,740	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.62	Conduit	22,820	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.63	Wiring										
18.64											
18.65	Effluent EQ Transfer Pumps Area	6,115	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.66	Conduit	700	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.67	Wiring										
18.68											
18.69	Belt Press Building	19,740	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.70	In-slab Rough-in	3,080	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.71	Interior Conduit	9,100	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.72	Wiring	1,400	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.73	Light Fixture Installation										
18.74											
18.75	Influent EQ Basin & SBR Basin	21,560	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.76	Interior Conduit	2,100	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.77	Wiring										
18.78											
18.79	SBR Lower Level	53,340	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.80	Underslab Rough-in	14,280	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.81	Interior Conduit	8,820	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.82	Wiring	1,400	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.83	Light Fixture Installation										
18.84											
18.85	Effluent EQ Pumps Area	4,760	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.86	Conduit Installation	980	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.87	Wiring										
18.88											
18.89	Office Platform Level	65,000	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.90	Interior Conduit	20,478	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.91	Wiring	4,200	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.92	Light Fixture Installation										
18.93											
18.94	INSTRUMENTATION:										
18.95	General Items	45,000	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.96	Pre-Design Engineering	3,500	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
18.97	Delivery of O&M Manuals										
18.98											
18.99	Control Panels and Panel Modifications	40,000	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
19.00	Fully Assembled New Plant PLC Control Panel	30,000	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
19.01	RTU Modifications for LS and Existing Plant										
19.02											

AND CERTIFICATE FOR PAYMENT, containing

and Certification is attached.

Items are stated to the nearest dollar.

Retainage percentages for line items apply.

APPLICATION NO: 002

APPLICATION DATE: 6-Jun-16

PERIOD FROM: 1-May-16

TO: 30-May-16

ARCHITECT'S PROJECT NO.:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D PREVIOUS APPLICATION		E WORK COMPLETED		F Stored Materials (not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% Complete (G/C)	H BALANCE TO FINISH (C-G)	I RETAINAGE WITHHELD	J RETAINAGE PERCENTAGE
			PREVIOUS APPLICATION	Work in Place	This Application							
19.03	Instrumentation											
19.04	Level Transmitter/Indicator	2,240	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
19.05	Open Channel Flowmeter	4,900	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
19.06	Submersible Transmitters	10,773	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
19.07	Float Switches	10,080	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
19.08	Transit Time Flowmeter	35,000	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
19.09												
19.10	Field Instrumentation											
19.11	PLC/HMI Development	9,100	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
19.12	Installation, Termination and Calibrations	13,300	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
19.13	Start-Up/Commissioning	6,300	0.00	0.00	0.00	0.00	0.00	0.00	0.0%	0.00	0.00	5%
Page Totals		9,489,000.00	731,480.00	165,861.16	0.00	889,036.16	9.4%	897,341.16	44,451.81			

# Invoices Presented for Payment

July 21, 2016

## River City Engineering

### General Fund

	<i>Description</i>	<i>Amount</i>
INV 2016-6577	Miscellaneous	\$ 750.00
INV 2016-6582	Flintrock Road Utilities	\$ 100.00
INV 2016-6583	Plan Review	\$ 825.00
INV 2016-6584	Steiner Lift Station 6 Rehab	\$ 1,360.00
INV 2016-6585	District Boundary Update - 2015	\$ 1,869.70
INV 2016-6586	620 Utility Relocation	\$ 4,500.00
INV 2016-6587	Membrane Module Pilot Study	\$ 1,980.00
INV 2016-6588	Cardinal Hills Water Line Improvements	\$ 1,585.00
INV 2016-6589	TWC Water Right Transfer	\$ 1,705.00
INV 2016-6590	Mccormick Mountain Water Line Improvements	\$ 5,080.00
INV 2016-6591	Hughes Park Water Line Improvements	\$ 495.00
<b>Engineering - General Projects Fund</b>		<b>\$ 20,249.70</b>

### Capital Projects Fund

INV 2016-6578	TWDB Loan - Water Capital Improvements	\$ 3,465.00
INV 2016-6579	Flintrock WWTP Expansion	\$ 5,249.00
INV 2016-6580	Mansfield Water Treatment Plant	\$ 2,250.00
INV 2016-6581	Eck Lane WTP Backwash Improvements	\$ 1,750.00
<b>Engineering - Capital Projects Fund</b>		<b>\$ 12,714.00</b>

<b>Total Engineering</b>	<b>\$ 32,963.70</b>
--------------------------	---------------------

## Lloyd Gosselink, et al

	<i>Professional Fees</i>	<i>Adjustments</i>	<i>Client Expenses</i>	<i>Total</i>
<b>Inv 97473654 - General Legal Fees</b>	\$ 5,593.00	\$ -	\$ -	\$ 5,593.00
Board memo/meetings	\$ 1,399.50			
Ongoing Projects & Easement Review	\$ 687.00			
Other Legal Research or Legislative Issues	\$ 244.50			
Serene Hills Commercial Tract Issues	\$ 160.00			
620 Widening & Line Relocation	\$ 3,007.00			
District / County Elections	\$ 95.00			
Inv 97473656 - Travis Vista	\$ 23.00	\$ -	\$ -	\$ 23.00
Inv 97473657 - 2nd Serene Hills Bond Issue	\$ 459.00	\$ -	\$ -	\$ 459.00

<b>Total Legal</b>	<b>\$ 6,075.00</b>
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# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6577  
Date 06/30/2016  
Project 6014-12 MISC SERVICES

PROFESSIONAL SERVICES - MISC:

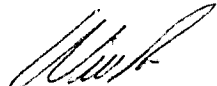
---

## PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Project Manager	5.00	150.00	750.00

Invoice total **750.00**

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6582  
Date 06/30/2016

Project 6014-301 FLINTROCK RD UTILITIES

## PROFESSIONAL SERVICES

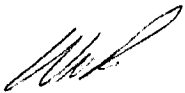
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### PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Graduate Engineer	1.00	100.00	100.00

Invoice total 100.00

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6583  
Date 06/30/2016

Project 6014-94A PLAN REVIEW

PROFESSIONAL SERVICES:

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PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Project Manager	5.50	150.00	825.00
		Invoice total	<b>825.00</b>

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6584  
Date 06/30/2016

Project 6014-310 STEINER LIFT STATION 6  
REHAB

## PROFESSIONAL SERVICES

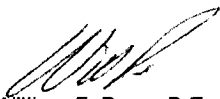
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### PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Project Manager	8.50	150.00	1,275.00
Design Technician	1.00	85.00	85.00
PROFESSIONAL FEES subtotal	9.50		1,360.00

Invoice total **1,360.00**

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6585  
Date 06/30/2016

Project 6014-311 DISTRICT BOUNDARY  
UPDATE - 2015

PROFESSIONAL SERVICES

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PROFESSIONAL FEES

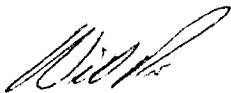
	Hours	Rate	Billed Amount
Project Manager	1.50	165.00	247.50
Design Technician	16.50	90.00	1,485.00
PROFESSIONAL FEES subtotal	18.00		1,732.50

Reimbursables

	Units	Rate	Billed Amount
Blueprints			137.20

Invoice total **1,869.70**

Approved by:



William F. Pena, P.E.  
Project Manager



# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6586  
Date 06/30/2016

Project 6014-315 620 UTILITY RELOCATION

## PROFESSIONAL SERVICES

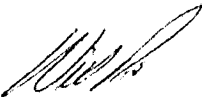
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### PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Design Technician	50.00	90.00	4,500.00

Invoice total **4,500.00**

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6587  
Date 06/30/2016

Project 6014-316 MEMBRANE MODULE PILOT  
STUDY

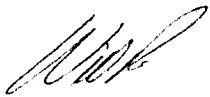
PROFESSIONAL SERVICES

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PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Project Manager	12.00	165.00	1,980.00
		Invoice total	<b>1,980.00</b>

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6588  
Date 06/30/2016

Project 6014-317 CARDINAL HILLS WATER  
LINE IMPROVEMENTS

PROFESSIONAL SERVICES

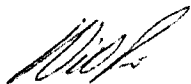
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PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Graduate Engineer	5.00	110.00	550.00
Design Technician	11.50	90.00	1,035.00
PROFESSIONAL FEES subtotal	16.50		1,585.00

Invoice total **1,585.00**

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6589  
Date 06/30/2016

Project 6014-320 TWC WATER RIGHT  
TRANSFER

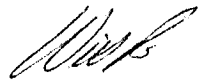
PROFESSIONAL SERVICES

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PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Graduate Engineer	15.50	110.00	1,705.00
		Invoice total	<b>1,705.00</b>

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6590  
Date 06/30/2016

Project **6014-318 MCCORMICK MOUNTAIN  
WATER LINE IMPROVEMENTS**

PROFESSIONAL SERVICES


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PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Graduate Engineer	33.50	110.00	3,685.00
Design Technician	15.50	90.00	1,395.00
PROFESSIONAL FEES subtotal	49.00		5,080.00

Invoice total **5,080.00**

Approved by:

  
William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6591  
Date 06/30/2016

Project 6014-319 HUGHES PARK WATER LINE  
IMPROVEMENTS

PROFESSIONAL SERVICES

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PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Graduate Engineer	4.50	110.00	495.00

Invoice total 495.00

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6578  
Date 06/30/2016

Project 6014-204 TWDB LOAN - WATER  
CAPITAL IMPROVEMENTS

## PROFESSIONAL SERVICES

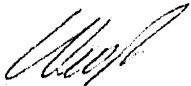
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### PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Project Manager	5.50	150.00	825.00
Graduate Engineer	6.00	100.00	600.00
Design Technician	24.00	85.00	2,040.00
PROFESSIONAL FEES subtotal	35.50		3,465.00

Invoice total **3,465.00**

Approved by:



William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
 1011 West County Line Road  
 New Braunfels, TX 78130  
 512-442-3008

TRAVIS COUNTY WC&ID NO.17  
 Deborah Gernes  
 3812 Eck Lane  
 Austin, TX 78734

Invoice number 2016-6579  
 Date 06/30/2016

Project 6014-239 FLINTROCK WWTP  
 EXPANSION

PROFESSIONAL SERVICES

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PROFESSIONAL FEES

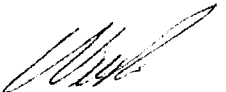
	Hours	Rate	Billed Amount
Project Manager	20.50	150.00	3,075.00
Graduate Engineer	1.50	100.00	150.00
PROFESSIONAL FEES subtotal	22.00		3,225.00

CONSULTANT

	Date	Cost Amount	Multiplier	Billed Amount
Fields and Associates Architects	06/07/2016	1,760.00	1.15	2,024.00

Invoice total **5,249.00**

Approved by:

  
 William F. Pena, P.E.  
 Project Manager



# INVOICE

Mr. William F. Pena, P.E.  
 River City Engineering, Ltd.  
 3801 South First Street  
 Austin, Texas 78704

Invoice No: 20160607 - 1675  
 Invoice Date: 06/07/16  
 Page No: 1

<b>Project Number: 1675</b>	<b>Description: WCID #17 Flintcorock Wastewater</b>
-----------------------------	---

**Contract Fee: \$ 35,200.00**

		<b>Total Billings To Date</b>	<b>Previously Paid</b>	<b>Total Amount</b>
<b>15% OF FEE SCHEMATIC DESIGN</b>				
CONTRACT FEE = \$ 5,280.00 ( 100% Completed) .....	\$	5,280.00	\$ (5,280.00)	\$ -
<b>20% OF FEE DESIGN DEVELOPMENT</b>				
CONTRACT FEE = \$ 7,040.00 ( 100% Completed) .....	\$	7,040.00	\$ (7,040.00)	\$ -
			\$ -	
<b>40% OF FEE CONSTRUCTION DOCUMENTS</b>				
CONTRACT FEE = \$ 14,080.00 ( 100% Completed) .....	\$	14,080.00	\$ (14,080.00)	\$ -
<b>5% OF FEE BIDDING &amp; NEGOTIATING</b>				
CONTRACT FEE = \$ 1,760.00 ( 100% Completed) .....	\$	1,760.00	\$ -	\$ 1,760.00
<b>20% OF FEE CONSTRUCTION ADMINISTRATION</b>				
CONTRACT FEE = \$ 7,040.00 ( 0% Completed) .....	\$	-	\$ -	\$ -
		<u>\$ 28,160.00</u>	<u>\$ (26,400.00)</u>	<u>\$ 1,760.00</u>

**REIMBURSABLES**

.....	\$	-		\$ -
.....	\$	-		\$ -
.....	\$	-	\$ -	\$ -

TOTAL BILLINGS TO DATE: .....	\$	28,160.00		
LESS PREVIOUS PAYMENTS: .....			\$ (26,400.00)	
TOTAL AMOUNT: .....				\$ 1,760.00

<b>*****TOTAL AMOUNT NOW DUE*****</b>	<b>\$ 1,760.00</b>
---------------------------------------	--------------------

STATEMENT REVIEWED BY :

\_\_\_\_\_ *CF* \_\_\_\_\_

PLEASE INCLUDE OUR PROJECT NUMBER WITH YOUR PAYMENT

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6580  
Date 06/30/2016

Project 6014-266 MANSFIELD WATER  
TREATMENT PLANT

PROFESSIONAL SERVICES

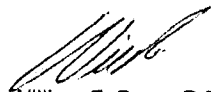
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PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Project Manager	15.00	150.00	2,250.00

Invoice total **2,250.00**

Approved by:

  
William F. Pena, P.E.  
Project Manager

# River City Engineering

Civil, Environmental & Consulting

River City Engineering  
1011 West County Line Road  
New Braunfels, TX 78130  
512-442-3008

TRAVIS COUNTY WC&ID NO.17  
Deborah Gernes  
3812 Eck Lane  
Austin, TX 78734

Invoice number 2016-6581  
Date 06/30/2016

Project 6014-294 ECK LANE WTP BACKWASH  
IMPRVT

PROFESSIONAL SERVICES

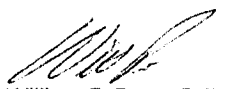
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PROFESSIONAL FEES

	Hours	Rate	Billed Amount
Project Manager	4.00	150.00	600.00
Graduate Engineer	11.50	100.00	1,150.00
PROFESSIONAL FEES subtotal	15.50		1,750.00

Invoice total **1,750.00**

Approved by:

  
William F. Pena, P.E.  
Project Manager

June 21, 2016

Travis County WCID #17  
Attn Debbie Gernes  
3812 Eck Lane  
Austin, TX USA 78734

Invoice: 97473654  
Client: 1435  
Matter: 0  
Billing Attorney: LJK

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### INVOICE SUMMARY

For professional services and disbursements rendered through May 31, 2016:

**RE: Travis County WCID #17**

Professional Services	\$ 5,593.00
Total Disbursements	<u>          \$ .00</u>
<b>TOTAL THIS INVOICE</b>	<b>\$ 5,593.00</b>

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Travis County WCID #17  
Travis County WCID #17  
I.D.1435-0-LJK

June 21, 2016  
Invoice: 97473654

**PROFESSIONAL SERVICES RENDERED**

<b>Date</b>	<b>Atty</b>	<b>Description Of Services Rendered</b>	<b>Hours</b>
5/03/16	AKA	Review draft May agenda and packet documents.	.30
5/04/16	AKA	Review and edit May agenda and collect packet documents; email same to L. Sandlin.	.20
5/05/16	AKA	Call with L. Kalisek regarding executive session language; email same to L. Sandlin.	.10
5/05/16	LMR	Begin preparation of packet material for May 19, 2016 Board meeting.	.40
5/09/16	LJK	Phone call with W. Pena and review 620 easements; follow up regarding same.	1.00
5/09/16	CLD	Review sample easements for possible use with line relocation.	.40
5/09/16	LMR	Review of agenda for May 19, 2016 Board meeting; send follow up email correspondence to L. Kalisek and A. Acevedo regarding packet material for same.	.30
5/10/16	CLD	Summarize easements in email to L. Kalisek; email correspondence with L. Kalisek regarding same; discuss A. Acevedo research on Texas Department of Transportation takings.	.90
5/10/16	AKA	Review proposed groundwater conservation district creation legislation and compare with bill summary for accuracy; email summary to L. Kalisek; research liability for line relocation costs and reimbursements, Texas Department of Transportation authority; call with C. Dickenson regarding same.	4.70
5/10/16	LMR	Review of files for Hill Country PGMA map for A. Acevedo.	.20
5/11/16	CLD	Research easement issue and reimbursement from TxDOT for line relocation; work with A. Acevedo to develop question list for District to determine path forward.	1.50
5/11/16	AKA	Research line relocation reimbursements and liabilities and taking of an easement; call with C. Dickenson regarding same; coordinate response to agenda order with L. Ruiz; develop questions for line relocation meeting to further research relocation cost liability.	2.40
5/11/16	LMR	Email correspondences with L. Kalisek regarding additional edits to the May 19, 2016 agenda; telephone call with L. Sandlin regarding same; forward packet material to L. Sandlin; review of additional follow up questions received from L. Sandlin regarding Director agenda items; office conference with A. Acevedo and S. Albright regarding same; edits to agenda; revise Resolutions; forward same to L. Sandlin for review.	.70
5/12/16	LJK	Follow up on 620 easements issue.	.40
5/12/16	AKA	Review PUC notice of approval of Travis Vista CCN decertification.	.10
5/13/16	LJK	Meeting at District 17 with D. Gernes, L. Terrell and consultant team regarding 620 widening and line relocation.	1.70
5/13/16	CLD	Receive update on TxDOT project and easements from A. Acevedo and discuss likely result of easements now being in public right of way.	.20
5/13/16	AKA	No Charge - Meeting regarding 620 water line relocation; office conference with C. Dickenson regarding easements now within right of way.	4.00
5/16/16	AKA	Review research and correspondence regarding timing of oath and statement of office; review General Manager's report for May Board meeting.	.30

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Travis County WCID #17  
 Travis County WCID #17  
 I.D.1435-0-LJK

June 21, 2016  
 Invoice: 97473654

<b>Date</b>	<b>Atty</b>	<b>Description Of Services Rendered</b>	<b>Hours</b>
5/16/16	SPA	Research post-election procedures; phone call with L. Sandlin regarding same	.30
5/16/16	LMR	Review of email correspondence received from L. Sandlin regarding filing of Statement of Officer; review of election advisory and Texas Water Code regarding same; email correspondence to L. Kalisek, S. Albright and A. Acevedo regarding same.	.20
5/18/16	AKA	Prepare documents for May Board meeting.	.30
5/18/16	LMR	Review of and download Board Packet for May 19, 2016 Board meeting; forward same to L. Kalisek and A. Acevedo for review.	.30
5/19/16	LJK	Review draft GCD bill and agenda packet in preparation for Board meeting; travel to District and attend Board meeting.	3.40
5/19/16	AKA	No Charge - Attend May Board meeting; travel.	3.50
5/19/16	LMR	Review of files for Utility Conveyance Agreements and Resolutions approving bond applications as requested by L. Kalisek; email correspondence with L. Sandlin regarding precinct-by-precinct report filing with Secretary of State's Office; review of and update to case files.	1.50
5/20/16	AKA	Obtain past defined area agreements for comparison to Serene Hills for land cost reimbursement; meeting with L. Kalisek regarding same; review G. Kimball memo regarding comparison of funding options for 620 highway project.	.80
5/25/16	SPA	Meet with R. Assadi regarding indemnity research.	.30
5/25/16	LMR	Review, download and organize executed documents received from L. Sandlin in follow up to May 19, 2016 Board meeting.	.40
5/31/16	LJK	No Charge - Office conference with L. Ruiz and S. Albright regarding pending projects and upcoming deadlines.	.30
5/31/16	AKA	Project meeting and follow-up update to project list.	.40
5/31/16	SPA	Email correspondence regarding MS4; meet with L. Kalisek and A. Acevedo regarding pending projects; review stormwater submittals and email correspondence.	1.20
5/31/16	LMR	Prepare for project meeting; office conference with L. Kalisek, S. Albright and A. Acevedo regarding upcoming agenda items and path forward; updates to project memo in follow up to same; email correspondence with L. Sandlin regarding filing of Oaths of Office with Secretary of State's office.	1.20
5/31/16	LCL	Monthly law clerk time.	2.30

**TOTAL PROFESSIONAL SERVICES**

**\$ 5,593.00**

**SUMMARY OF PROFESSIONAL SERVICES**

<b>Name</b>	<b>Staff Level</b>	<b>Rate</b>	<b>Hours</b>	<b>Amount</b>	<b>N/C Hr</b>	<b>N/C \$</b>
Lauren J Kalisek	Principal	270.00	6.50	1,755.00	.30	81.00
Stefanie P Albright	Principal	240.00	1.80	432.00	.00	.00
Ashleigh K Acevedo	Associate	200.00	9.60	1,920.00	7.50	1,500.00
Christie L Dickenson	Associate	250.00	3.00	750.00	.00	.00
Lissette M Ruiz	Paralegal	115.00	5.20	598.00	.00	.00

**Lloyd Gosselink Rochelle & Townsend, P.C.**

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Travis County WCID #17  
Travis County WCID #17  
I.D.1435-0-LJK

June 21, 2016  
Invoice: 97473654

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Law Clerk	Law Clerk	60.00	2.30	138.00	.00	.00
<b>TOTALS</b>			<b>28.40</b>	<b>\$ 5,593.00</b>	<b>7.80</b>	<b>\$ 1,581.00</b>

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**TOTAL THIS INVOICE**

**\$ 5,593.00**

June 21, 2016

Travis County WCID #17  
Attn Debbie Gernes  
3812 Eck Lane  
Austin, TX USA 78734

Invoice: 97473656  
Client: 1435  
Matter: 39  
Billing Attorney: LJK

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### INVOICE SUMMARY

For professional services and disbursements rendered through May 31, 2016:

**RE: Travis Vista**

Professional Services	\$ 23.00
Total Disbursements	<u>\$ .00</u>
<b>TOTAL THIS INVOICE</b>	<b>\$ 23.00</b>



**Lloyd Gosselink Rochelle & Townsend, P.C.**

Travis County WCID #17  
Travis Vista  
I.D.1435-39-LJK

June 21, 2016  
Invoice: 97473656

**PROFESSIONAL SERVICES RENDERED**

<b>Date</b>	<b>Atty</b>	<b>Description Of Services Rendered</b>	<b>Hours</b>
5/12/16	LMR	Review of PUC Interchange regarding status update on Travis Vista's application; review of and forward Notice of Approval to D. Gernes and L. Sandlin for review.	.20

**TOTAL PROFESSIONAL SERVICES \$ 23.00**

**SUMMARY OF PROFESSIONAL SERVICES**

<b>Name</b>	<b>Staff Level</b>	<b>Hours</b>	<b>Rate</b>	<b>Total</b>
Lissette M Ruiz	Paralegal	.20	115.00	23.00
<b>TOTALS</b>		<b>.20</b>		<b>\$ 23.00</b>

**TOTAL THIS INVOICE \$ 23.00**

June 21, 2016

Travis County WCID #17  
Attn Debbie Gernes  
3812 Eck Lane  
Austin, TX USA 78734

Invoice: 97473657  
Client: 1435  
Matter: 44  
Billing Attorney: LJK

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### INVOICE SUMMARY

For professional services and disbursements rendered through May 31, 2016:

**RE: 2nd Serene Hills Bond Issue**

Professional Services	\$ 459.00
Total Disbursements	<u>\$ .00</u>
<b>TOTAL THIS INVOICE</b>	<b>\$ 459.00</b>

**Lloyd Gosselink Rochelle & Townsend, P.C.**

Travis County WCID #17  
2nd Serene Hills Bond Issue  
I.D.1435-44-LJK

June 21, 2016  
Invoice: 97473657

**PROFESSIONAL SERVICES RENDERED**

<b>Date</b>	<b>Atty</b>	<b>Description Of Services Rendered</b>	<b>Hours</b>
5/12/16	LJK	Complete review of TCEQ regulations on reimbursement issue for land costs.	.40
5/19/16	LJK	Review TCEQ regulations and email correspondence on land cost issue in preparation for Board meeting discussion.	.80
5/20/16	LJK	Office conference with A. Acevedo regarding follow up from Board meeting discussion and memo; briefly review contract language regarding same.	.50

**TOTAL PROFESSIONAL SERVICES \$ 459.00**

**SUMMARY OF PROFESSIONAL SERVICES**

<b>Name</b>	<b>Staff Level</b>	<b>Hours</b>	<b>Rate</b>	<b>Total</b>
Lauren J Kalisek	Principal	1.70	270.00	459.00
<b>TOTALS</b>		<b>1.70</b>		<b>\$ 459.00</b>

**TOTAL THIS INVOICE \$ 459.00**



## TRAVIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT 17

3812 Eck Lane • Austin, Texas 78734  
Phone (512) 266-1111 • Fax (512) 266-2790

*Regular Meeting of the Board of Directors of Travis County Water Control and Improvement District No. 17 was held at the District office located at 3812 Eck Lane on Thursday, June 16, 2016 at 6:00 p.m. This meeting was scheduled and conducted in compliance with the Texas Open Meetings Act.*

### I. CALL TO ORDER

President Roberts called the meeting to order at 6:04 p.m.

### II. ESTABLISH A QUORUM

A quorum was established with all Directors present; Carruthers, Decker, Roberts, Steed and Ward. General Manager Deborah Gernes, General Counsels Lauren Kalisek and Ashleigh Acevedo, and District Engineer Will Pena were also present. President Roberts expressed the sadness of learning of the death of Ken Heroy's wife.

### III. DISCUSS/CONSIDER/TAKE ACTION ON APPOINTMENT OF BOARD OFFICERS AND BOARD COMMITTEES

**Nomination:** Director Decker to nominate Jeff Roberts as President of the Travis County Water Control and Improvement District No. 17 Board of Directors.

Ayes: 4

Noes: 0

Abstain: 1, Director Steed

**Nomination:** Director Ward to nominate Mickey Decker as Vice President of the Travis County Water Control and Improvement District No. 17 Board of Directors.

Ayes: 4

Noes: 1, Director Steed; "based on absences"

**Nomination:** Director Carruthers to nominate Jerri Lynn Ward as Secretary of the Travis County Water Control and Improvement District No. 17 Board of Directors.

Ayes: 5

Noes: 0

**Nomination:** Director Decker to nominate Rob Carruthers as Alternate Secretary of the Travis County Water Control and Improvement District No. 17 Board of Directors.

Ayes: 5

Noes: 0

President Roberts requested if any Director would like to request a change from the current committee structure. *Each Director concurred that they enjoyed the committees they currently serve on.* He stated that he would like to be on one more committee this year instead of only one as in the past year. Director Steed agreed to give up his seat on the Budget/Finance Committee to President Roberts.

President Roberts read the standing committees to be:

- Budget/Finance*                      *Director Carruthers and Director Roberts*
- Communication*                      *Director Decker and Director Carruthers*
- Conservation/Park*   *Director Decker and Director Roberts*
- Legal*                                      *Director Ward and Director Steed*
- Planning*                                *Director Roberts and Director Steed*
- Policy*                                      *Director Roberts and Director Ward*
- Stormwater / MS4*   *Director Roberts and Director Steed*

**Motion:** Director Decker to accept the standing committees as presented.

**Second:** Director Ward

Ayes: 5

Noes: 0

**IV. MANAGER AND COMMITTEE REPORTS**

**A. MANAGER’S REPORT: STATUS OF DISTRICT OPERATIONS, FINANCES, DISTRICT CONSTRUCTION PROJECTS, DEVELOPER CONSTRUCTION PROJECTS, DISTRICT ADMINISTRATION AND MANAGEMENT, DISTRICT PLANNING**

Manager Gernes reported that in addition to her written report

- The Mansfield Water Treatment Plant hosted a tour for young students from the Texas School for the Deaf and she shared the thank you note received from the students.
- The dive project at the Eck Water Treatment Plant (EWTP) to free up all nine power cables between the shore and the barge of the silt and sediment that has built up over them more than ten feet in depth had been placed on hold. She explained that a dive team using a full crew and diving at 100 feet was only able to free two cables in a week. Based on the extremely high cost per day for the diving operations, the fact that at least one cable must be replaced anyway, and the marginal resistance readings on four of the remaining cables, the Manager has decided to completely re-cable the barge. The Manager, divers and engineers are working on a design to float the cables to avoid this problem in the future.
- Preliminary figures have been received for the Water and Sewer System Revenue Refunding Bonds, Series 2016 and a due diligence phone conference was held with S & P Global to answer questions for establishing bond ratings. *The Preliminary Official Statement will be issued within the month for a July closing.*
- A meeting with Taylor Morrison was scheduled next week to review and discuss a water right owned by Taylor Morrison that allows a 40 million gallon per year diversion of raw water for irrigation from Lake Austin.

## **B. COMMITTEE REPORTS**

### **1. COMMUNICATIONS / PARKS AND CONSERVATION COMMITTEE REPORT**

### **2. LEGAL COMMITTEE REPORT**

### **3. PLANNING COMMITTEE REPORT – MET JUNE 6, 2016**

Notes of the Planning Committee meeting were handed out to the Board with trend charts, growth projections, raw water supply requirement projections, etc. The Manager said the current contract with LCRA would be adequate for several years. Also discussed were waterline replacement priorities and how they were derived, water capital projects, wastewater capital projects and how the FM 620 Texas Department of Transportation study would affect the District over the next five to eight years and possible methods of funding.

### **4. BUDGET AND FINANCE COMMITTEE REPORT**

**5. POLICY COMMITTEE REPORT – MET JUNE 8, 2016**

Timeline, steps and procedures were established for hiring a General Manager and were distributed to the Directors. President Roberts requested this item be placed on a Regular Board of Directors agenda no later than September.

**6. IMPACT FEE ADVISORY COMMITTEE**

**7. STORMWATER COMMITTEE – AGENDA ITEM**

**V. CONSENT AGENDA**

**A. APPROVE PAY ESTIMATES/CHANGE ORDERS FOR VARIOUS CONSTRUCTION PROJECTS IN THE DISTRICT**

1. Mansfield Water Treatment Plant – Membrane Equipment Purchase, Pay Estimate #7-Final, PALL Corporation.
2. Eck Lane WTP Backwash Improvements, Pay Estimate #4, Protta Construction Inc. and Protta Inc, JV
3. Flintrock Wastewater Treatment Plant Expansion, Pay Estimate #2, PLW Central Texas

**B. APPROVE PAYMENT OF CURRENT INVOICES**

**C. APPROVE MINUTES – May 19, 2016 Meeting**

Director Roberts asked if there were any questions regarding items of the Consent Agenda. Manager Gernes stated that the 30-day acceptance test measuring the flow through the membranes at the Mansfield Water Treatment Plant had been completed successfully and that the new membranes meet the Texas Commission on Environmental Quality rating requirement. This would be the final payment to Pall Corporation. Manager Gernes requested approval of all items on the Consent Agenda.

**Motion:** Director Ward to approve all items of the Consent Agenda as presented

**Second:** Director Decker

Ayes: 5

Noes: 0

**VI. PUBLIC COMMENT, 6:30 P.M.**

President Roberts opened Public Comment at 6:37 p.m.

*President Roberts left Public Comment open for anyone that may arrive and wish to address the Board of Directors.*

**Motion:** Director Decker to close Public Comment

**Second:** Director Steed and Director Carruthers

Ayes: 5

Noes: 0

President Roberts closed Public Comment at 7:08 p.m.

**VII. OLD BUSINESS**

**A. DISCUSS/CONSIDER/TAKE ACTION REGARDING SERENE HILLS DEFINED AREA UNLIMITED TAX BONDS, SERIES 2016:**

**1. REQUEST BY DEVELOPER TO WAIVE LIMITATION ON TWO-YEAR DEVELOPER INTEREST ON LAND COSTS; AND**

Attorney Kalisek stated that a modified Bond Application Report dated June 2016 had been received. She said this modified application removed the land costs completely so that there were no issues and the bond application could move forward. The Board may review the developer's request to consider reimbursement of more than two years interest on land costs at a later date.

**2. AUTHORIZING OTHER MATTERS RELATED TO THE ISSUANCE OF THE BOND**

The Board discussed reaffirmation of the Resolution Authorizing the Filing of an Application at the Texas Commission on Environmental Quality for Approval of Engineering Project and 2nd Serene Hills Defined Area Bond.

**Motion:** Director Ward to reaffirm the April 21, 2016 approval of the Resolution Authorizing the Filing of an Application at the Texas Commission on Environmental Quality for Approval of Engineering Project and 2nd Serene Hills Defined Area Bond in the current revised format with the land costs removed.

**Second:** Director Decker

Ayes: 5

Noes: 0

**VIII. NEW BUSINESS**



**A. DISCUSS/CONSIDER/TAKE ACTION REGARDING CONTRACT AWARD FOR TRAVIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 17 STEINER RANCH LIFT STATION NO. 6 IMPROVEMENTS**

District Engineer Will Pena explained that four bids from prequalified contractors were received for the Steiner Ranch Lift Station No. 6 Improvements project. He went on to explain that this was the first time in District history that the two lowest bidders had a tie bid of \$344,000. Mr. Pena said both Prota Construction, Inc. and Austin Engineering Company, Inc. were both qualified to perform the job but based on their more extensive successful history working with the District on similar projects he would recommend the project be awarded to Austin Engineering Company.

**Motion:** Director Ward to award the contract for the Steiner Ranch Lift Station No. 6 Improvements to Austin Engineering Company, Inc. in an amount of \$344,000

**Second:** Director Steed

Ayes: 5

Noes: 0

**B. DISCUSS/CONSIDER/TAKE ACTION REGARDING AMENDED INFORMATION FORM FILED PURSUANT TO SECTION 49.455 OF THE TEXAS WATER CODE FOR TRAVIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 17**

Manager Gernes stated that the boundary maps of 2012 were now updated with new field notes platted, verified and ready to submit with the Amended Information Form. Mr. Pena and the Board discussed the differences in method of establishing boundaries between using the Deeds of Record and the method of using the Travis County Appraisal District GIS system. These differences would most likely still need to be re-verified after this material was submitted.

**Motion:** Director Ward to accept and submit the Amended Information Form Filed Pursuant to Section 49.455 of the Texas Water Code for Travis County Water Control and Improvement District No. 17 boundaries

**Second:** Director Steed and Director Decker

Ayes: 5

Noes: 0

**C. DISCUSS/CONSIDER/TAKE ACTION REGARDING DISTRICT STORMWATER MANAGEMENT PROGRAM**

Manager Gernes reported to the Board that brochures and a dedicated webpage for the Stormwater Management Program were underway. She apprised the Board that she hired two high school students to continue with the storm drain medallion tagging and distribution of educational material door-to-door over the summer. Gernes also explained that a district map illustrating the drainage system and outfalls was ongoing. No action necessary.

*President Roberts called for a break at 7:28 p.m. and reconvened the meeting at 7:32 p.m. by entering Executive Session.*

**IX. THE BOARD WILL MEET IN EXECUTIVE SESSION TO CONSIDER THE REQUEST BY THE DEVELOPER TO WAIVE THE LIMITATION ON TWO-YEAR DEVELOPER INTEREST ON LAND COSTS FOR THE SERENE HILLS DEFINED AREA UNLIMITED TAX BONDS, SERIES 2016 AND TO RECEIVE ADVICE FROM ITS ATTORNEY, IN ACCORDANCE WITH TEXAS GOVERNMENT CODE SECTIONS 551.071 AND 551.072**

President Roberts called for the opening of Executive Session at 7:32 p.m. and closed Executive Session at 7:51 p.m.

**X. ADJOURNMENT**

**Motion:** Director Carruthers to adjourn

**Second:** Director Decker

Ayes: 5

Noes: 0

*President Roberts adjourned the meeting at 7:56 p.m.*

*Approved this \_\_\_\_\_ day of \_\_\_\_\_ 2016, with a*

*Motion by Director \_\_\_\_\_ and a Second by Director \_\_\_\_\_.*

*Ayes \_\_\_\_\_ Noes \_\_\_\_\_ Abstained \_\_\_\_\_*

\_\_\_\_\_  
*Presiding Officer*

\_\_\_\_\_  
*Secretary*

