2010 KEY LARGO WASTEWATER TREATMENT DISTRICT
COMMITTEE OF THE WHOLE
Transition Meeting
AGENDA

Tuesday January 12, 2010 4:00 PM
98880 Overseas Hwy
Key Largo, FL 33037

Norman Higgins	**Chair**
Robert Majeska	**Vice Chair**
Susan Hammaker	**Secretary-Treasurer**
Andrew Tobin	**Commissioner**
Charles Brooks	**Commissioner**
Charles F. Fishburn	**General Manager**

PLEASE TAKE NOTICE AND BE ADVISED, that if any interested person desires to appeal any decision of the KLWTD Board, with respect to any matter considered at this meeting, such interested person will need a record of the proceedings, and for such purpose, may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. Persons with disabilities requiring accommodations in order to participate in the meeting should contact the District Clerk at 30-43-804 at least 48 hours in advance to request accommodations.

4:00	**A. CALL TO ORDER - PLEASE MUTE CELL PHONES**
4:01	**B. PLEDGE OF ALLEGIANCE**
4:02	**C. ROLL CALL**
4:03	**D. APPROVAL OF AGENDA WITH ANY ADDITIONS, DELETIONS, OR CONTINUANCES**
4:05	**E. APPROVAL OF MINUTES Action**
4:10	**F. UNITED WATER PRESENTATION**
5:00	**G. COLLECTION SYSTEM PRICING HISTORY**
5:45	**H. COMMISSIONER'S ROUNDTABLE**
6:00	**I. ADJOURNMENT**

E

KEY LARGO WASTEWATER TREATMENT DISTRICT

Agenda Request Form

Meeting Date: Jan. 12, 2010 Agenda Item No. E

[ ]	PUBLIC HEARING	[ ]	RESOLUTION
[ ]	DISCUSSION	[ ]	BID/RFP AWARD
[X]	GENERAL APPROVAL OF ITEM	[ ]	CONSENT AGENDA
[ ]	Other:		

SUBJECT: Minutes of Dec. 8, 2009

RECOMMENDED MOTION/ACTION:

Approved by General Manager C.J.C
Date: 1-7-10

Originating Department: District Clerk	Costs: Funding Source:	**Attachments:** Minutes
Department Review: [ ] District Counsel TDP [X] General Manager C.J.C [ ] Finance _____	[ ] Engineering_____ [X] Clerk CW	**Advertised:** Date: _____ Paper: _____ [X] Not Required

Summary Explanation/Background:

Resulting Board Action:

☐ Approved ☐ Tabled ☐ Disapproved ☐ Recommendation Revised

MINUTES
Key Largo Wastewater Treatment District (KLWTD) Board of Commissioners Transition Meeting

December 8, 2009
98880 OVERSEAS HWY, KEY LARGO, FL 33037

The Key Largo Wastewater Treatment District Board of Commissioners met for a regular meeting at 4:00 PM. Present were Chairman Norman Higgins, Commissioners Andrew Tobin, Charles Brooks, Robert Majeska, and Susie Hammaker. Also present the General Manager Charles F. Fishburn, Thomas Dillon, District Counsel, Carol Walker, District Clerk, and other appropriate District Staff.

Chairman Higgins led the Pledge of Allegiance.

APPROVAL OF AGENDA
Commissioner Majeska requested that an item on "bonuses and raises" be added. Mr. Fishburn requested that a report by District Counsel Thomas Dillon regarding current legislative matters be added and that the Medical Insurance be moved to the beginning of the agenda.

Motion: **Commissioner Tobin made a motion to approve the agenda as amended. Commissioner Hammaker seconded the motion.**

Vote on Motion

Member	Yes	No	Other
Commissioner Hammaker	**X**		
Chairman Higgins	**X**		
Commissioner Tobin	**X**		
Commissioner Brooks	**X**		
Commissioner Majeska	**X**		

Motion passed 5 to 0

MINUTES
October 13, 2009

Motion: **Commissioner Brooks made a motion to approve the October 13, 2009 minutes. Commissioner Majeska seconded the motion.**

Vote on Motion

Member	Yes	No	Other
Commissioner Hammaker	**X**		
Chairman Higgins	**X**		
Commissioner Tobin	**X**		
Commissioner Brooks	**X**		
Commissioner Majeska	**X**		

Motion passed 5 to 0

MEDICAL INSURANCE OPTIONS
Tina Wyatt, DeMoss Financial, Inc. made a presentation.

U S WATER UPDATE
Gary Deremer, President of US Water made a presentation of who they are and what they do.

NOTICE OF INTENT
Motion: Commissioner Brooks made a motion to approve the Notice of Intent to Use Non-ad Valorem Method of Assessment advertisement. Commissioner Majeska seconded the motion.

Vote on Motion

Member	Yes	No	Other
Commissioner Hammaker	**X**		
Chairman Higgins	**X**		
Commissioner Tobin			**Absent**
Commissioner Brooks	**X**		
Commissioner Majeska	**X**		

Motion passed 4 to 0

BASIN "F" CHANGE ORDER
Mr. Fishburn, General Manager explained the change order.

MOTION: Commissioner Brooks made a motion to Approve Basin F Change Order Commissioner Tobin seconded the motion.

Vote on Motion

Member	Yes	No	Other
Commissioner Hammaker	**X**		
Chairman Higgins	**X**		
Commissioner Tobin	**X**		
Commissioner Brooks	**X**		
Commissioner Majeska	**X**		

Motion passed 5 to 0

BASIN "I Phase 4" CHANGE ORDER

The Board discussed using the change order method instead of going out to bid: They then discussed taking more time to decide on the change order.

MOTION: Commissioner Brooks made a motion to approve "I-4" change order for Fountain Engineering. Commissioner Hammaker seconded the motion.

Commissioner Brooks withdrew his motion. Commissioner withdrew her second.

Commissioner Hammaker directed the Manager to get his act together.

MOTION: Commissioner Majeska made a motion to pull Item H and Item I and have it brought back with better information for action. Commissioner Tobin seconded the motion.

Vote on Motion

Member	Yes	No	Other
Commissioner Hammaker	X		
Chairman Higgins	X		
Commissioner Tobin	X		
Commissioner Brooks	X		
Commissioner Majeska	X		

Motion passed 5 to 0

MINI VAC STATION
Charles Fishburn explained the need for the mini station.

VACUUM STATION "A" DEWATERING CHANGE ORDER
MOTION: Commissioner Tobin made a motion to approve the Vacuum Station "A" Dewatering Change Order. Commissioner Hammaker seconded the motion.

Vote on Motion

Member	Yes	No	Other
Commissioner Hammaker	X		
Chairman Higgins	X		
Commissioner Tobin	X		
Commissioner Brooks	X		
Commissioner Majeska	X		

Motion passed 5 to 1

STATE PROPOSAL
Mr. Dillon reported that the State legislative proposal to codify chapter 99-395, Laws of Florida, is moving forward and will benefit the District. The proposal has been amended to remove all terms that would negatively affect the District, and the deep well legislation is included in the proposal.

Commissioner Tobin would like Cynthia Henderson to stand down. Mr. Fishburn would like Ms. Henderson to stay on track. Commissioner Brooks suggested that she be left as she is.

RAISES AND BONUSES'
Commissioner Majeska said there should be moratorium on bonuses and raises until the plant is on line.

ADJOURNMENT
The KLWTD Board adjourned the Board Meeting at 6:45 PM.

The KLWTD meeting minutes of Dec. 8, 2009 were approved on Jan. 12, 2010.

_____
Chairman Hammaker

_____
Carol Walker, CMC
District Clerk

F

KEY LARGO WASTEWATER TREATMENT DISTRICT

Agenda Request Form

Meeting Date: January 15, 2010 Agenda Item No. F

[ ]	PUBLIC HEARING	[ ]	RESOLUTION
[X]	DISCUSSION	[ ]	BID/RFP AWARD
[ ]	GENERAL APPROVAL OF ITEM	[ ]	CONSENT AGENDA
[ ]	Other:		

SUBJECT: Presentation by United Water

RECOMMENDED MOTION/ACTION:

Approved by General Manager C.J.2
Date: 1-7-10

Originating Department: General Manager	Costs: Approximately Funding Source:	**Attachments:** Broachers
Department Review: [ ] District Counsel _____ [X] General Manager C.J.2 [ ] Finance _____	[ ] Engineering_____ [ ] Clerk_____	**Advertised:** Date: _____ Paper: _____ [X] Not Required

Summary Explanation/Background:

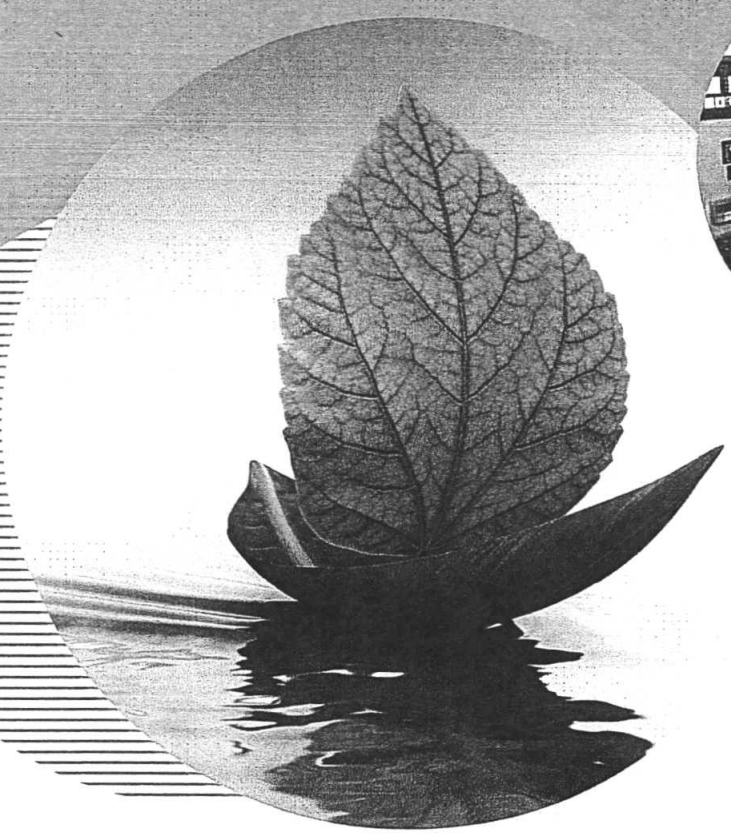
Resulting Board Action:

☐ Approved ☐ Tabled ☐ Disapproved ☐ Recommendation Revised6

UNITED WATER

TAKING THE WORRY OUT OF WASTEWATER

FOR ORGANIZATIONS LIKE YOURS



Maintenance Services

- Energy efficiency
- Emergency response/repairs
- New equipment installation
- Process/equipment evaluations
- Equipment rebuilds and repair
- Lift station repair/rehabilitation
- Preventive maintenance programs
- Lift station service contract
- Air stripper tower cleaning
- Underground repairs
- Filter media change out
- 24-hour emergency response

<< UNITED WATER PROVIDES CUSTOMIZED SERVICES TO MEET YOUR NEEDS >>

From Jersey City, NJ, to Jaffrey, NH, public officials and industry leaders in the Northeast know how precious water is. Drinking water must be safeguarded. Water needed for business must be available. And wastewater from all sources must be properly treated to protect the environment.

That's why leaders turn to United Water. More than 175 facilities in the Northeast—ranging in size from 5,000 gallons to more than 100 million gallons per day—rely on United Water to provide contract operation and maintenance services. Each day, more than 1,000 licensed United Water professionals provide operation coverage around the clock.

EXPERIENCE AND CAPABILITY TO SERVE THE REGION

United Water enjoys a reputation for applying a "make it work" practical approach to providing cost-effective solutions to operation, maintenance and compliance problems. United Water also assumes the risk for compliance, operational controls and equipment maintenance.

We ensure that the facilities under our responsibility are operated at maximum efficiency and at the lowest possible cost while ensuring compliance with regulatory requirements. To reach this goal, we implement aggressive preventive maintenance, process control, data management, and employee training programs. Indeed, the advancement of water quality and treatment technology, our experience with complex treatment systems—large and small—is unmatched in the industry.

Our commitment has resulted in many long-term, repeat customers. It has also resulted in numerous awards from the water and wastewater industries. Recently, our Killingly, CT, facility won the New England Water Environment Association George Burke Safety Award. And our North Adams, MA water treatment plant was named Corporate Citizen of the Year.

Elsewhere, United Water is a five-time recipient of the National Association of Clean Water Agencies' (NACWA) Gold Award for Peak Performance at our Indianapolis facility. In addition, the project has also received the Platinum Award for Peak Performance from NACWA. Our facility in Jacksonville, FL, has won NACWA Gold and Silver Awards multiple times.

unitedwater.com

United Water 40 North Main Street, Suite G Middleborough, Massachusetts 02346 508-946-3503

Contract Operation Services

- Water and wastewater treatment plants
- Alternative systems
- Distribution and collection systems
- Industrial water and wastewater
- Remediation systems
- Billing services
- Meter reading

SERVING NORTHEASTERN COMMUNITIES FOR OVER 100 YEARS

IN ADDITION TO MUNICIPAL FACILITIES, WE ALSO PROVIDE SERVICES TO:

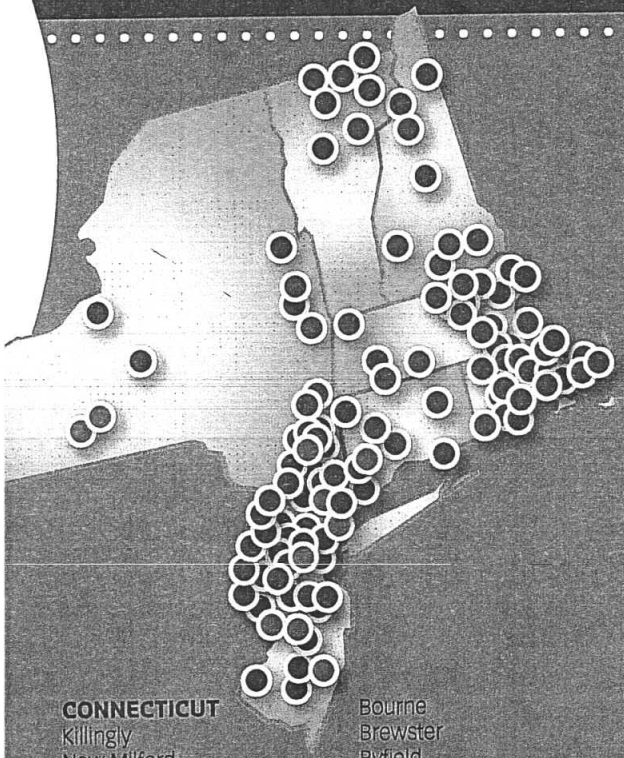
- Shopping Centers
- Schools
- Golf Courses
- Correctional Facilities
- Office Complexes
- Residential Developments
- Assisted Living and Nursing Homes

OPERATIONAL EXPERIENCE

- 2,600 water and wastewater employees
- Operate, manage and maintain 240 project locations
- 140 years in the water services operations and maintenance business

SYSTEM OPERATIONAL EXPERIENCE

- Membrane systems
- Amphidrome systems
- FAST systems
- RBC
- SBR



CONNECTICUT
Killingly
New Milford
Newtown
Ridgefield
Sharon
Stonington
Weston
Woodbury

MASSACHUSETTS
Acton
Agawam
Attleboro
Bourne
Brewster
Byfield
Devens
Gardner
Falmouth
Fitchburg
Franklin
Gloucester
Halifax
Harwich
Holliston
Holyoke
Hull
Kingston
Marshfield
Mashpee
New Seabury
North Adams
North Easton
Norwell
Rockland
Shirley
Southborough
Springfield
Tyngsborough
Wayland
Wayland
West Bridgewater
Weston
Winchendon
Yarmouth

NEW HAMPSHIRE
Ashland
Boscawen
Claremont
Jaffrey
Lincoln
Littleton
Newington

NEW JERSEY
Allamuchy
Bedminster
Bergen County
Camden
Chester
Hampton
Haworth
Hoboken
Hopewell
Hudson County
Hunterdon County
Jersey City
Kearny
Lafayette
Lambertville
Manalapan
Manchester
Matchaponix
Mendham
Montague
Morris County
Mount Arlington
Orange
Oxford
Passaic County
Phillipsburg
Plainsboro
Rahway
Spotswood
Summit
Sussex County
Sussex
Toms River
Union
Vernon
Warren County
West Milford

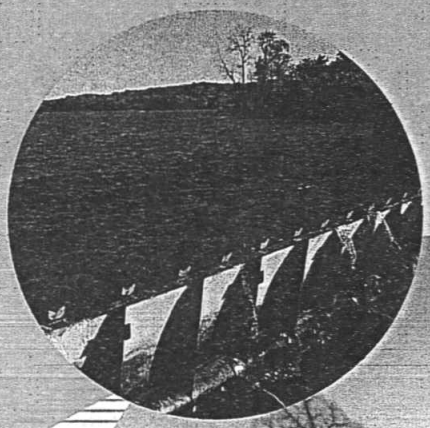
NEW YORK
Bedford
City of Rye
Corinth
Cortland
Croton-on-Hudson
East Fishkill
Fishkill
Fulton
Hopewell Junction
Hyde Park
Kent
Lewisboro
Monroe
Mt. Kisco
New Castle
New Rochelle
Nichols
Ossining
Owego
Pawling
Pleasantville
Poughquag
Red Hook
Schuylerville
Somers
South Salem
Stillwater
Tuxedo
West Nyack
White Plains

RHODE ISLAND
Cumberland
Providence
Newport
Pawtucket
Wakefield
Warren
Westerly

VERMONT
Barton
Cabot
Danville
Lyndon
Marshfield
Morrisville
St. Johnsbury
Woodsville

UNITED WATER

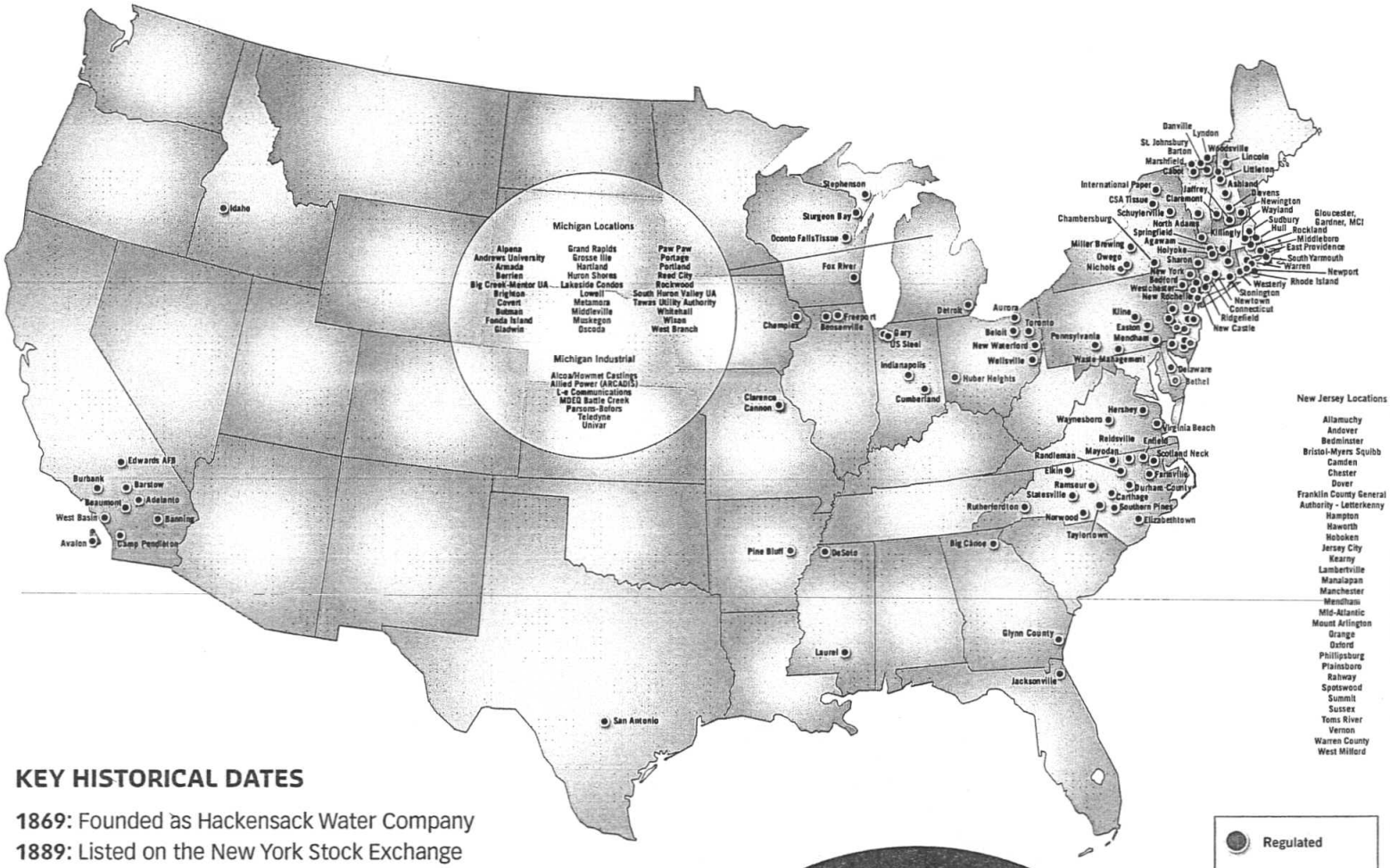
UNITED WATER IN THE UNITED STATES



>> OUR HISTORY

Backed by the world's largest water and wastewater research program, United Water devotes global resources to create local solutions. Whether it is high-efficiency ozone technology in Detroit, water reclamation in Southern California, or combined-sewer overflow in Holyoke, MA, the communities and clients we serve can depend upon truly state-of-the-art operational and management technologies that best meet their needs.

United Water provides flexible solutions through public-private partnerships and comprehensive asset management contracts. These partnerships enable municipalities to outsource the management and operation of their water or wastewater systems. Communities retain ownership of their assets—and rate-setting authority—while gaining cost-effective professional management.



KEY HISTORICAL DATES

1869: Founded as Hackensack Water Company
1889: Listed on the New York Stock Exchange
1930: Nation's first use of charcoal filtration
1989: Nation's largest ozone filtration plant
1994: Merger with General Waterworks Corporation
2000: Acquired by SUEZ ENVIRONNEMENT
2002: Acquired US Water
2007: Acquisition of Aquarion Water Company of NY and AOS Operating Company
2008: Acquisition of Earth Tech North America Contract Operations

UNITED WATER FACTS:

> A leader in the water services industry since 1869

> 2,600 dedicated employees serving over 7 million people in 25 states

> The operator of 240 municipal water systems, including 3 of the nation's largest contract services operations

> The owner of 20 regulated water utilities

> A generator of $800 million in revenue for 2007

> The manager of $2.5 billion in total assets

> Responsible for treating 945 million gallons of drinking water daily

> Responsible for treating 815 million gallons of wastewater daily

United Water in The United States

INDIANAPOLIS, IN

United Water provides long-term operation and maintenance of the city's two advanced wastewater treatment facilities, in Belmont and Southport, IN. The twin facilities have a 250-mgd combined capacity, with a 193-mgd combined average daily flow. United Water also maintains the collection system and Eagle Creek Dam; laboratory services; industrial pretreatment monitoring; and program management services. In Indianapolis in 2008, after 15 years of solid partnership, the city awarded United Water a new nine-year contract, renewable in 2017 and 2023. The Association of Metropolitan Sewerage Agencies has publicly commended United Water's performance in Indianapolis numerous times over the years.

Population served: 800,000 residents; 41,000 businesses.

DETROIT, MI

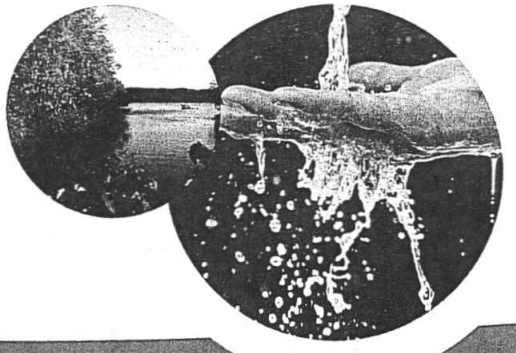
The Detroit water system's newest water treatment plant, Water Works Park II, is the largest plant in Michigan to use ozone, a disinfectant more potent than chlorine. The plant can produce up to 240 mgd of drinking water per day with room for expansion to 320 mgd. United Water oversaw the design, construction and maintenance of high quality drinking water facility, which was completed in 2003. Significant by-product of project was local economic development through aggressive programs to promote local small businesses, educational outreach and economic development. The water treatment facility along the Detroit River replaces a facility built in 1924.

Population served: 4 million residents.

JERSEY CITY, NJ

In 1996, United Water and the city of Jersey City, NJ, entered into the largest U.S. water services public-private partnership of its day. In January 2008, the City of Jersey City awarded United Water a new 10-year contract to manage the Boonton Water Treatment Plant, which has a capacity of 80 million gallons per day and serves 240,000 people in Jersey City as well as wholesale customers in Hoboken, Lyndhurst, Parsippany and Montville. In addition, United Water maintains the city's dams, a 120-square-mile watershed, a 23-mile aqueduct system and 300 miles of water distribution mains. United Water is also responsible for customer service, billing and meter reading.

Population served: 239,000 residents.



HOLYOKE, MA

In 2007, the City of Holyoke, MA, and United Water dedicated the city's Berkshire Street Combined Sewer Overflow (CSO) Wastewater Treatment Facility. The new facility, the first of its kind on the Connecticut River in Massachusetts, is bringing Holyoke into compliance with state and federal regulations by reducing combined sewer overflows into the river. United Water operates under a 20-year operation and maintenance agreement with the city. The CSO plant designed, built and operated by United Water, treats up to 103 million gallons of rainwater and sewage storm. The $19 million treatment facility features four 35-million-gallon-per-day (mgd) submersible pumps, two chlorine contact chambers for disinfection, and a system to add sodium bisulfite for dechlorination. United Water has also upgraded the utility's supervisory control and data acquisition (SCADA), provides catchbasin cleaning, and is responsible for maintaining and operating the Holyoke Water Pollution Control Facility. The Holyoke WPC treats an average daily flow of 17.5 mgd and a peak flow of 37.0 mgd.

Population served: 55,000 residents.

EL SEGUNDO, CA

In 1994, United Water and the West Basin Municipal Water District began working together to preserve potable water supplies. The facility recycles treated wastewater that would have gone into Santa Monica Bay and converts it into five different types of usable, "designer" water. They include water for injection into local seawater barriers to prevent ocean water from contaminating local groundwater supplies. The use of reclaimed water for a seawater barrier will save 5.5 billion gallons of drinking water each year. By substituting recycled water for potable water, this public-private partnership eases the demand for a scarce water supply from Northern California and the Colorado River. To date, the Edward C. Little Water Recycling Facility, operated and maintained by United Water, has reclaimed more than 100 billion gallons.

Population served: 900,000; 200 reclaimed water customers.

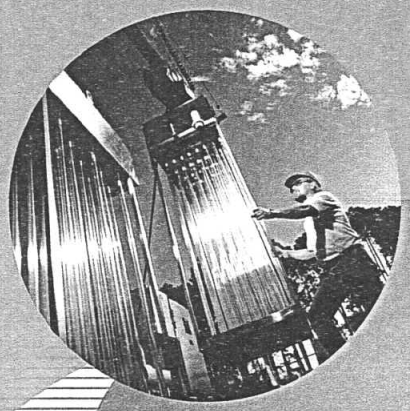
JACKSONVILLE, FL

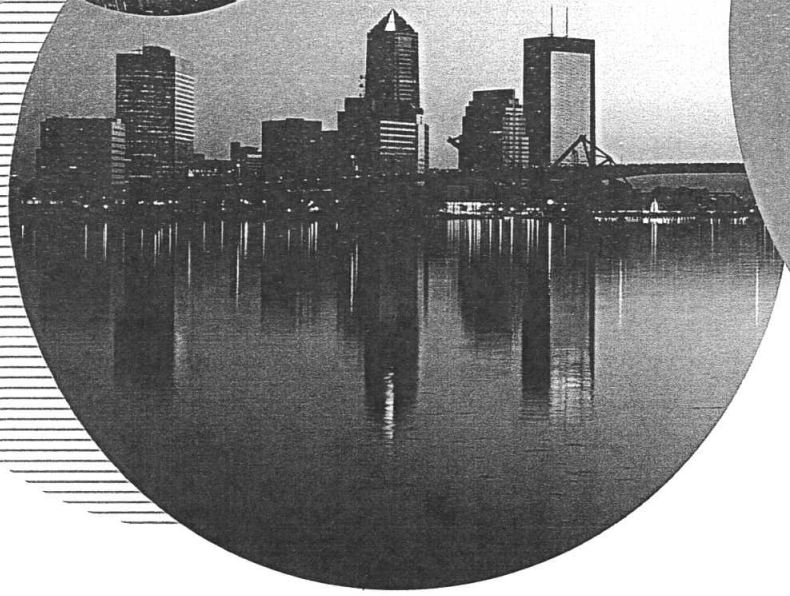
For its size, the wastewater- and water-treatment operation here is among the most complex in the country. It includes sludge management, advanced CMMS/SCADA, and compliance/permitting operations. All told, United Water maintains 10 water treatment plants, with a total capacity of 13 mgd, and four water distribution systems. United Water also operates and maintains five wastewater treatment plants with total treatment capacity of 8.29 mgd, four wastewater collection systems and 127 sewage lift stations. Water treatment processes include cascade-tray and packed-tower aeration, chlorine and hypochlorite disinfection. And wastewater treatment processes include sequential batch reactor, activated sludge, contact stabilization, extended aeration, membrane bioreactor, ultraviolet disinfection, and disk filtration.

Population served: 56,000 residents.

UNITED WATER

UNITED WATER IN JACKSONVILLE FLORIDA





FAST FACTS

CLIENT

JEA

SCOPE OF SERVICES

Comprehensive 20-year operations and maintenance contract. Facilities include 10 water treatment plants with a total capacity of 13 million gallons per day (mgd), four water distribution systems, five wastewater treatment plants with a total treatment capacity of 9.49 mgd, four wastewater collection systems and 127 sewage lift stations.

POPULATION SERVED

45,000

ACHIEVEMENTS

Start up of three wastewater treatment facilities that utilize sequencing batch reactor (SBR) and membrane biological reactor (MBR) technologies to deliver effluent suitable for public access reuse.

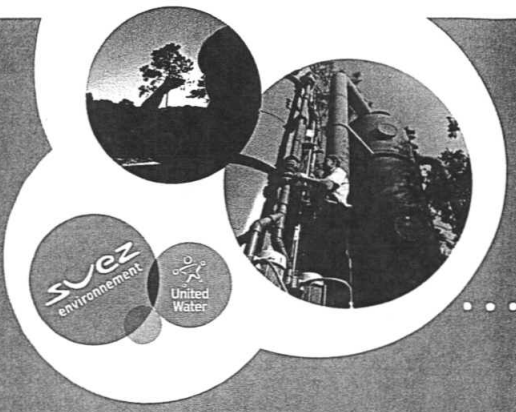
AWARDS

Association of Metropolitan Sewerage Agencies, multiple Gold Awards and Silver Awards for NPDES Consistent Compliance; Earle B. Phelps Award, Best Class B WWTP Operations, 2nd Place.

042009

Jacksonville is known as the spot

"where Florida begins." A great public-private partnership also had its beginnings in Jacksonville when United Water entered into an agreement with JEA.



<< THE PAST AND FUTURE OF JACKSONVILLE'S WATER AND WASTEWATER >>

In 2001, United Water sold its regulated utility assets in Jacksonville to JEA (formerly the Jacksonville Electric Authority). As part of the agreement, JEA contracted with United Water to run certain portions of the water and wastewater system for a 20-year period. Under the terms of this agreement, the company provides operations and maintenance for the Monterey Wastewater Treatment Plant in Duval County as well as the water and wastewater plants and systems in St. Johns and Nassau counties. The contract also provides that United Water becomes the "vendor of choice" for additional JEA acquisitions outside of Duval County.

Jacksonville is the largest city in the contiguous United States in land area. It is also a major port, the insurance and financial center of the state, site of U.S. Navy bases and the home of the NFL's Jacksonville Jaguars. It has one of the best employment outlooks in the country and is home to diverse and thriving industries.

As a booming community, Jacksonville requires a solid water and wastewater infrastructure to support its continued growth and economic development. United Water helps meet those needs by operating and maintaining 10 drinking water treatment plants with a total capacity of 13 million gallons per day (mgd) and four distribution systems. In addition,

the team is responsible for five wastewater treatment plants with a total capacity of 9.49 mgd, four wastewater collection systems and 127 lift stations.

Throughout the partnership United Water has also worked with JEA to plan, design and start up three wastewater treatment plant upgrades and expansions. These facilities utilize sequencing batch reactor (SBR) and membrane biological reactor (MBR) technologies to deliver effluent suitable for public access reuse.

In addition to implementing new technologies, United Water is committed to protecting the environment. These efforts have been recognized by the Association of Metropolitan Sewerage Agencies which has awarded the Jacksonville plants several Gold and Silver awards for NPDES Consistent Compliance. Both United Water and JEA share a commitment to the environment and protecting Florida's waterways.

And this makes Jacksonville the place where great partnerships succeed.

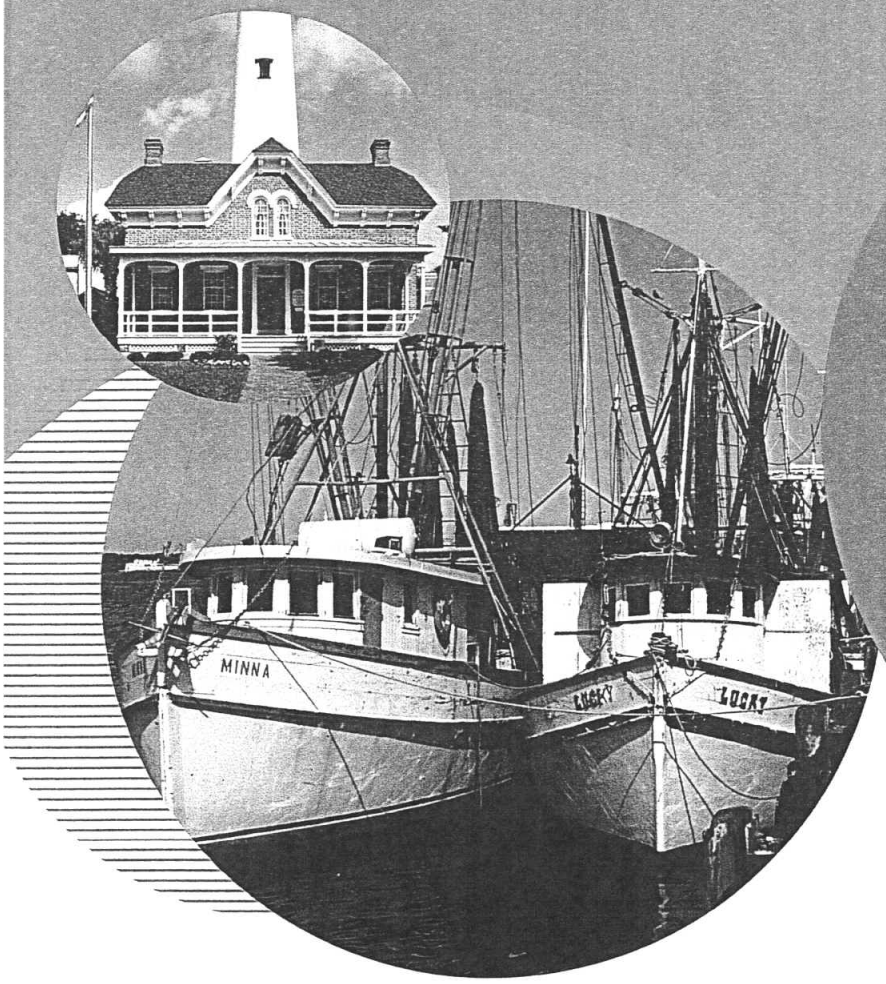
PROJECT HEADQUARTERS
United Water
in Jacksonville, Florida
9454 Philips Highway, Ste. 9
Jacksonville, FL 32256
904-260-5562

CORPORATE HEADQUARTERS
United Water
200 Old Hook Road
Harrington Park, NJ 07640
201-767-9300
www.unitedwater.com

WORLD HEADQUARTERS
Suez Environnement
1 Rue D'Astorg
75008 Paris, France
+33-(0)1-58-18-50-00
www.suez-environnement.com

UNITED WATER

UNITED WATER IN GLYNN COUNTY GEORGIA



FAST FACTS

CLIENT

Brunswick-Glynn County
Joint Water Sewer Commission

SCOPE OF SERVICES

Operations and maintenance of four separate water systems (St. Simons Island, Hampton Plantation, North Mainland, and South Mainland) and three sanitary sewage systems (St. Simons Island, North Mainland and Interstate 95 plants).

POPULATION SERVED

35,000

Glynn County

located on Georgia's golden coastline, relies on United Water to help protect its magnificent natural environment. United Water has a five-year contract to provide water and wastewater services to 35,000 people living in unincorporated Glynn County, GA.

<< THE PAST AND FUTURE OF GLYNN'S WATER AND WASTEWATER >>

This contract is particularly noteworthy because of Glynn County's renowned beaches and irreplaceable historic sites. They include the resort area of St. Simons Island which has a dramatic increase in population during tourist season. As an immensely popular international recreational, business and retirement destination, Glynn County has a lot riding on its water and wastewater treatment capabilities.

Glynn County's water systems include a total of 13 permitted wells, producing more than 4.5 million gallons of water per day (mgd). The sanitary sewer system treats more than 3.3 million gallons of wastewater per day. The St. Simons wastewater treatment facility was upgraded and expanded in 2007 to include a conventional activated sludge process.

United Water draws upon its local, national and global resources to serve Glynn County. Just one hour away, in Jacksonville, Florida, United Water operates facilities for the JEA. In fact,

JEA's recommendation helped county officials realize the value that United Water could bring to their operation. The company's Glynn County team is now hard at work providing full service operations and maintenance of approximately 2,800 fire hydrants; approximately 350 miles of water lines with an estimated 1,350 water main valves; 320 miles of sanitary sewer lines; and 84 sewage pump stations. Recently, United Water added a Fat-Oil-Grease (FOG)/Backflow Prevention Program to its services in the Golden Isles.

Delivering excellent water and wastewater service provides a golden opportunity to preserve Glynn County's spectacular natural resources.

PROJECT HEADQUARTERS
United Water Services
Glynn County Project
161 South Harrington Road
St. Simons Island, GA 31522
912-261-7160

CORPORATE HEADQUARTERS
United Water
200 Old Hook Road
Harrington Park, NJ 07640
201-767-9300
www.unitedwater.com

WORLD HEADQUARTERS
Suez Environnement
1 Rue D'Astorg
75008 Paris, France
+33-(0)1-58-18-50-00
www.suez-environnement.com

G

KEY LARGO WASTEWATER TREATMENT DISTRICT

Agenda Request Form

Meeting Date: January 15, 2010 Agenda Item No. G

[ ]	PUBLIC HEARING	[ ]	RESOLUTION
[X]	DISCUSSION	[ ]	BID/RFP AWARD
[ ]	GENERAL APPROVAL OF ITEM	[ ]	CONSENT AGENDA
[ ]	Other:		

SUBJECT: Collection System Pricing History

RECOMMENDED MOTION/ACTION: Discussion

Approved by General Manager C.J.H

Date: 1-8-09

Originating Department: Commissioner Hammaker	Costs: Approximately Funding Source:	**Attachments:** Summary Excerpt, Bid Tabs
Department Review: [ ] District Counsel _____ [X] General Manager C.J.H [ ] Finance _____	[ ] Engineering_____ [ ] Clerk_____	**Advertised:** Date: _____ Paper: _____ [X] Not Required

Summary Explanation/Background: Commissioner Hammaker will review excerpt collection system pricing history and involved issues.

Resulting Board Action:

☐ Approved ☐ Tabled ☐ Disapproved ☐ Recommendation

Agenda Item G - 1/12/2010
Summary Excerpt Collection System Pricing History

Basin	Phase	Low Bid	Awarded CO	$ Difference	Awarded to
B	2	$ 834,380.00	$ 1,150,980.00	$ 316,600.00	RicMan
B	5	$ 691,145.00	$ 1,007,737.50	$ 316,592.50	Metro
F	3	$ 1,214,071.50	$ 1,711,195.00	$ 497,123.50	Metro
F	4	$ 1,083,727.00	$ 1,495,440.70	$ 411,713.70	Metro
F	5	$ 387,235.50	$ 464,982.00	$ 77,746.50	Metro
G	1	$ 942,214.75	$ 1,487,857.00	$ 545,642.25	Metro
H		$ 640,675.25	$ 970,298.00	$ 329,622.75	Metro
I	1	$ 678,733.75	$ 1,142,742.80	$ 464,009.05	Metro
I	2	$ 597,828.25	$ 957,611.75	$ 359,783.50	LaRocco
I	3	$ 787,862.00	$ 1,207,643.30	$ 419,781.30	LaRocco
I	5	$ 500,559.75	$ 834,171.10	$ 333,611.35	LaRocco
			Difference Total:	$ 3,755,626.40	

COMM.
HAMMAKER
1-7-10

B 2

Key Largo Wastewater Treatment District
Basin B, Phase 2
Prepared by: M. Blank
31-Oct-08

B1 Award

Basin B Phase 2				Base Bid - Phase 1 Prices		Basin D - Phase 2 Prices		RicMan Proposal - 10/31/08		Basin A - Phase 1 Prices		Basin A - Phase 3 Prices	
Item No.	Description	Units	Quantity	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	Mobilization[1]	LS	1	$ 122,000.00	$ 122,000.00	$ 1,000.00	$ 1,000.00	$ 54,100.00	$ 54,100.00	$ 15,000.00	$ 15,000.00	$ 3,000.00	$ 3,000.00
2	Preconstruction Video	LS	1	$ 3,600.00	$ 3,600.00	$ 10,000.00	$ 10,000.00	$ 4,500.00	$ 4,500.00	$ 10,000.00	$ 10,000.00	$ 8,000.00	$ 8,000.00
3	Maintenance of Traffic	LS	1	$ 14,000.00	$ 14,000.00	$ 20,000.00	$ 20,000.00	$ 17,000.00	$ 17,000.00	$ 30,000.00	$ 30,000.00	$ 10,000.00	$ 10,000.00
4	Furnish and Install SDR21 PVC Vacuum Sewer												
4a	4-inch	LF	7,500	$ 34.00	$ 255,000.00	$ 42.00	$ 315,000.00	$ 44.00	$ 330,000.00	$ 46.00	$ 345,000.00	$ 35.00	$ 262,500.00
4b	6-inch	LF	650	$ 44.00	$ 28,600.00	$ 45.00	$ 29,250.00	$ 49.00	$ 31,850.00	$ 53.50	$ 34,775.00	$ 45.00	$ 29,250.00
4c	8-inch	LF	-	$ 60.00	$ -	$ -	$ -	$ -	$ -	$ 59.50	$ -	$ 55.00	$ -
4d	10-inch	LF	-		$ -	$ 50.00	$ -	$ -	$ -		$ -		$ -
5	Furnish and Install resilient wedge gate (V-3) division valves and boxes												
5a	4-inch	EA	6	$ 750.00	$ 4,500.00	$ 1,000.00	$ 6,000.00	$ 930.00	$ 5,580.00	$ 1,000.00	$ 6,000.00	$ 1,000.00	$ 6,000.00
5b	6-inch	EA	-	$ 880.00	$ -	$ 1,300.00	$ -	$ -	$ -	$ 1,200.00	$ -	$ 1,600.00	$ -
5c	8-inch	EA	-	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500.00	$ -	$ 2,000.00	$ -
5d	10-inch	EA	-	$ -	$ -	$ 2,000.00	$ -	$ -	$ -		$ -		$ -
6	Install Owner-furnished AirVac vacuum collection pit assemblies, complete												
6a	Type A - 5 foot deep pit	EA	1	$ 620.00	$ 620.00	$ 1,500.00	$ 1,500.00	$ 2,000.00	$ 2,000.00	$ 2,300.00	$ 2,300.00	$ 2,000.00	$ 2,000.00
6b	Type B - 6.5 foot deep pit	EA	51	$ 620.00	$ 31,620.00	$ 2,500.00	$ 127,500.00	$ 2,700.00	$ 137,700.00	$ 2,400.00	$ 122,400.00	$ 2,100.00	$ 107,100.00
6c	Type C - 7.5 foot deep pit	EA	14	$ 1,200.00	$ 16,800.00	$ 2,600.00	$ 36,400.00	$ 2,800.00	$ 39,200.00		$ -		$ -
7	Furnish and install 3-inch Vacuum connection	LF	1,000	$ 14.00	$ 14,000.00	$ 45.00	$ 45,000.00	$ 36.00	$ 36,000.00	$ 50.00	$ 50,000.00	$ 50.00	$ 50,000.00
8	Install Owner-furnished AirVac dedicated air intake/vertical	EA	66	$ 500.00	$ 33,000.00	$ 500.00	$ 33,000.00	$ 330.00	$ 21,780.00	$ 350.00	$ 23,100.00	$ 500.00	$ 33,000.00
9	Furnish and install dedicated air intake/horizontal	LF	350	$ 40.00	$ 14,000.00	$ 50.00	$ 17,500.00	$ 45.00	$ 15,750.00	$ 50.00	$ 17,500.00	$ 45.00	$ 15,750.00
10	Furnish and install 6-inch PVC clean-out	EA	219	$ 310.00	$ 67,890.00	$ 400.00	$ 87,600.00	$ 380.00	$ 83,220.00	$ 525.00	$ 114,975.00	$ 300.00	$ 65,700.00
11	Furnish and install 6-inch gravity laterals	LF	4,200	$ 32.00	$ 134,400.00	$ 40.00	$ 168,000.00	$ 59.00	$ 247,800.00	$ 53.35	$ 224,070.00	$ 80.00	$ 336,000.00
12	Asphalt roadway/driveway restoration	LF	1,500	$ 35.00	$ 52,500.00	$ 50.00	$ 75,000.00	$ 44.00	$ 66,000.00	$ 53.00	$ 79,500.00	$ 160.00	$ 240,000.00
13	Asphalt overlay	SY	4,500	$ 9.30	$ 41,850.00	$ 13.00	$ 58,500.00	$ 13.00	$ 58,500.00	$ 11.50	$ 51,750.00	$ 14.00	$ 63,000.00
					$ 834,380.00		$ 1,031,250.00		$ 1,150,980.00		$ 1,126,370.00		$ 1,231,300.00
	COST PER CONNECTION =				$ 3,809.95		$ 4,708.90		$ 5,255.62		$ 5,143.24		$ 5,622.37

Note 1: Erosion and Sediment Control was a separate item in previous bids. It has been combined with Mobilization here for purposes of comparison.

Basin B Phase 5

B5 awarded CO

B5

Description	Units	Qty	Metro - B5 Proposal		Metro - C2 Bid		LaRocco - D1 CO		Fountain A1 - Bid		RicMan B2 - CO	
			Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $
Mobilization	LS	1	$ 15,450.00	$ 15,450.00	$ 20,000.00	$ 20,000.00	$ 5,000.00	$ 5,000.00	$ 40,000.00	$ 40,000.00	$ 54,100.00	$ 54,100.00
Indemnification	LS	1	$ 100.00	$ 100.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Preconstruction Video	LS	1	$ 10,000.00	$ 10,000.00	$ 2,550.00	$ 2,550.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 4,500.00	$ 4,500.00
Maintenance of Traffic	LS	1	$ 30,000.00	$ 30,000.00	$ 10,000.00	$ 10,000.00	$ 20,000.00	$ 20,000.00	$ 30,000.00	$ 30,000.00	$ 17,000.00	$ 17,000.00
Erosion Control	LS	1	$ 15,000.00	$ 15,000.00	$ -	$ -	$ 3,000.00	$ 3,000.00	$ 15,000.00	$ 15,000.00	$ -	$ -
Furnish & Install Vacuum Main												$ -
4" PVC pipe	LF	1600	$ 46.00	$ 73,600.00	$ 39.50	$ 63,200.00	$ 44.00	$ 70,400.00	$ 46.00	$ 73,600.00	$ 44.00	$ 70,400.00
6" PVC pipe	LF	3900	$ 53.50	$ 208,650.00	$ 41.25	$ 160,875.00	$ 49.00	$ 191,100.00	$ 53.50	$ 208,650.00	$ 49.00	$ 191,100.00
8" PVC pipe	LF	2100	$ 59.50	$ 124,950.00	$ 42.50	$ 89,250.00	$ 50.00	$ 105,000.00	$ 59.50	$ 124,950.00	$ 60.00	$ 126,000.00
10" PVC pipe	LF	0	$ 67.50	$ -	$ 48.00	$ -	$ 55.00	$ -	$ 67.50	$ -	$ 65.00	$ -
Furnish & Install Division Valves										$ -		$ -
4-inch	EA	2	$ 1,000.00	$ 2,000.00	$ 1,100.00	$ 2,200.00	$ 1,000.00	$ 2,000.00	$ 1,000.00	$ 2,000.00	$ 930.00	$ 1,860.00
6-inch	EA	2	$ 1,200.00	$ 2,400.00	$ 1,200.00	$ 2,400.00	$ 1,300.00	$ 2,600.00	$ 1,200.00	$ 2,400.00	$ 1,130.00	$ 2,260.00
8-inch	EA	1	$ 1,500.00	$ 1,500.00	$ 1,600.00	$ 1,600.00	$ 1,600.00	$ 1,600.00	$ 1,500.00	$ 1,500.00	$ 1,430.00	$ 1,430.00
10-inch	EA	0	$ 2,500.00	$ -	$ 2,000.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,430.00	$ -
Install Vacuum Sewer Collection Pits												$ -
5-foot pit	EA	13	$ 2,300.00	$ 29,900.00	$ 1,600.00	$ 20,800.00	$ 2,500.00	$ 32,500.00	$ 2,300.00	$ 29,900.00	$ 2,000.00	$ 26,000.00
6.5-foot pit	EA	34	$ 2,400.00	$ 81,600.00	$ 1,700.00	$ 57,800.00	$ 2,600.00	$ 88,400.00	$ 2,400.00	$ 81,600.00	$ 2,700.00	$ 91,800.00
7 5-foot pit	EA	5	$ 2,500.00	$ 12,500.00	$ 2,000.00	$ 10,000.00	$ 2,700.00	$ 13,500.00	$ 2,500.00	$ 12,500.00	$ 2,800.00	$ 14,000.00
Furnish and Install Buffer Tank	EA	0	$ 6,000.00	$ -	$ 9,000.00	$ -	$ 5,000.00	$ -	$ 6,000.00	$ -	$ 6,000.00	$ -
F & I 3-inch Vac Connection to pits	LF	520	$ 50.00	$ 26,000.00	$ 32.00	$ 16,640.00	$ 45.00	$ 23,400.00	$ 50.00	$ 26,000.00	$ 36.00	$ 18,720.00
F & I Vac Sewer Dedicated Air Intakes vertical	EA	52	$ 350.00	$ 18,200.00	$ 300.00	$ 15,600.00	$ 500.00	$ 26,000.00	$ 350.00	$ 18,200.00	$ 330.00	$ 17,160.00
F & I Vac Sewer Dedicated Air Intakes Horizontal	LF	260	$ 50.00	$ 13,000.00	$ 33.00	$ 8,580.00	$ 50.00	$ 13,000.00	$ 50.00	$ 13,000.00	$ 45.00	$ 11,700.00
F & I 6 inch PVC Cleanout	EA	155	$ 525.00	$ 81,375.00	$ 300.00	$ 46,500.00	$ 400.00	$ 62,000.00	$ 525.00	$ 81,375.00	$ 380.00	$ 58,900.00
F & I 6 inch Vac Sewer Laterals	LF	3250	$ 53.35	$ 173,387.50	$ 33.00	$ 107,250.00	$ 53.35	$ 173,387.50	$ 53.35	$ 173,387.50	$ 59.00	$ 191,750.00
Surface Restoration								$ -		$ -		$ -
Asphalt Type 1	LF	1650	$ 53.00	$ 87,450.00	$ 33.50	$ 55,275.00	$ 50.00	$ 82,500.00	$ 53.00	$ 87,450.00	$ 44.00	$ 72,600.00
Asphalt Overlay	SY	50	$ 13.50	$ 675.00	$ 12.50	$ 625.00	$ 13.00	$ 650.00	$ 13.50	$ 675.00	$ 13.00	$ 650.00
Limerock 8" Thick	LF	0	$ 34.50	$ -	$ 35.59	$ -		$ -	$ 34.50	$ -	$ 31.50	$ -
Asphalt Milling (Min) <1400 SY	LS	0	$ 3,500.00	$ -	$ 3,500.00	$ -		$ -		$ -		$ -
Asphalt Milling	SY	0	$ 2.55	$ -	$ 2.55	$ -		$ -		$ -		$ -
			Total	$ 1,007,737.50	Total	$ 691,145.00	Total	$ 926,037.50	Total	$ 1,032,187.50	Total	$ 971,930.00

Guessed or taken from other proposals

Staff believes $15,450 more reasonable mobilization number (enough to cover bonding and insurance)

Basin F Phase 3

Bl award F3

Description	Units	Qty	Redland - E1E2F1 Bid		LaRocco - D1 CO		LaRocco - F2 Proposal		Metro - F3 Proposal		Fountain C3 - Proposal		Metro - C4 Proposal		Fountain A1 - Bid	
			Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $
Mobilization	LS	1	$ 25,000.00	$ 25,000.00	$ 5,000.00	$ 5,000.00	$ 8,000.00	$ 8,000.00								
Indemnification	LS	0	$ -	$ -	$ -	$ -	$ -	$ -			$ -	$ -	$ 15,450.00	$ 15,450.00	$ 40,000.00	$ 40,000.00
Preconstruction Video	LS	1	$ 1,000.00	$ 1,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$2,500.00	$2,500.00	$ -	$ -	$ -	$ -	$ -	$ -
Maintenance of Traffic	LS	1	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$2,500.00	$2,500.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Erosion Control	LS	0	$ -	$ -	$ 3,000.00	$ -	$ -	$ -			$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00
Furnish & Install Vacuum Main											$ -	$ -	$ 15,000.00	$ -	$ 15,000.00	$ -
4" PVC pipe	LF	7010	$ 32.25	$ 226,072.50	$ 44.00	$ 308,440.00	$ 44.00	$ 308,440.00	$46.00	$322,460.00	$ 46.00	$ 322,460.00	$ 46.00	$ 322,460.00	$ 46.00	$ 322,460.00
6" PVC pipe	LF	1600	$ 36.00	$ 57,600.00	$ 49.00	$ 78,400.00	$ 49.00	$ 78,400.00	$53.50	$85,600.00	$ 53.50	$ 85,600.00	$ 53.50	$ 85,600.00	$ 53.50	$ 85,600.00
8" PVC pipe	LF	1300	$ 36.50	$ 47,450.00	$ 50.00	$ 65,000.00	$ 59.50	$ 77,350.00	$59.50	$77,350.00	$ 59.50	$ 77,350.00	$ 59.50	$ 77,350.00	$ 59.50	$ 77,350.00
10" PVC pipe	LF	700	$ 38.00	$ 26,600.00	$ 55.00	$ 38,500.00	$ 67.50	$ 47,250.00	$65.00	$45,500.00	$ 67.50	$ 47,250.00	$ 67.50	$ 47,250.00	$ 67.50	$ 47,250.00
12" PVC pipe	LF	1920	$ 42.50	$ 81,600.00	$ 67.50	$ 129,600.00	$ 67.50	$ 129,600.00	$67.50	$129,600.00	$ 67.50	$ 129,600.00	$ 67.50	$ 129,600.00	$ 67.50	$ 129,600.00
Furnish & Install Division Valves												$ -				
4-inch	EA	4	$ 900.00	$ 3,600.00	$ 1,000.00	$ 4,000.00	$ 1,000.00	$ 4,000.00	$1,000.00	$4,000.00	$ 950.00	$ 3,800.00	$ 1,000.00	$ 4,000.00	$ 1,000.00	$ 4,000.00
6-inch	EA	1	$ 1,000.00	$ 1,000.00	$ 1,300.00	$ 1,300.00	$ 1,300.00	$ 1,300.00	$1,300.00	$1,300.00	$ 1,025.00	$ 1,025.00	$ 1,200.00	$ 1,200.00	$ 1,200.00	$ 1,200.00
8-inch	EA	2	$ 1,750.00	$ 3,500.00	$ 1,600.00	$ 3,200.00	$ 1,500.00	$ 3,000.00	$1,500.00	$3,000.00	$ 1,500.00	$ 3,000.00	$ 1,500.00	$ 3,000.00	$ 1,500.00	$ 3,000.00
10-inch	EA	2	$ 1,850.00	$ 3,700.00	$ 2,500.00	$ 5,000.00	$ 2,500.00	$ 5,000.00	$2,500.00	$5,000.00	$ -	$ -	$ 2,500.00	$ 5,000.00	$ 2,500.00	$ 5,000.00
12-inch	EA	0	$ 1,950.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$3,500.00		$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -
Install Vacuum Sewer Collection Pits																
5-foot pit	EA	0	$ 800.00	$ -	$ 2,500.00	$ -	$ 2,300.00	$ -	$2,300.00		$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -
6.5-foot pit	EA	79	$ 900.00	$ 71,100.00	$ 2,600.00	$ 205,400.00	$ 2,600.00	$ 205,400.00	$2,400.00	$189,600.00	$ 2,400.00	$ 189,600.00	$ 2,400.00	$ 189,600.00	$ 2,400.00	$ 189,600.00
7.5-foot pit	EA	3	$ 1,200.00	$ 3,600.00	$ 2,700.00	$ 8,100.00	$ 3,000.00	$ 9,000.00	$2,500.00	$7,500.00	$ 2,500.00	$ 7,500.00	$ 2,500.00	$ 7,500.00	$ 2,500.00	$ 7,500.00
Furnish and Install Single Buffer	EA	1	$ 2,900.00	$ 2,900.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$5,000.00	$5,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00
Furnish and Install Dual Buffer	EA	0	$ 4,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$7,000.00		$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -
F & I 3-inch Vac Connection to pits	LF	1943	$ 29.00	$ 56,347.00	$ 45.00	$ 87,435.00	$ 50.00	$ 97,150.00	$50.00	$97,150.00	$ 45.00	$ 87,435.00	$ 50.00	$ 97,150.00	$ 50.00	$ 97,150.00
F & I Vac Sewer Dedicated Air Intakes vertical	EA	83	$ 700.00	$ 58,100.00	$ 500.00	$ 41,500.00	$ 500.00	$ 41,500.00	$350.00	$29,050.00	$ 500.00	$ 41,500.00	$ 350.00	$ 29,050.00	$ 350.00	$ 29,050.00
F & I Vac Sewer Dedicated Air Intakes Horizontal	LF	332	$ 36.00	$ 11,952.00	$ 50.00	$ 16,600.00	$ 50.00	$ 16,600.00	$50.00	$16,600.00	$ 53.35	$ 17,712.20	$ 50.00	$ 16,600.00	$ 50.00	$ 16,600.00
F & I 6 inch PVC Cleanout	EA	313	$ 650.00	$ 203,450.00	$ 400.00	$ 125,200.00	$ 400.00	$ 125,200.00	$470.00	$147,110.00	$ 525.00	$ 164,325.00	$ 525.00	$ 164,325.00	$ 525.00	$ 164,325.00
F & I 6 inch Sewer Laterals (Vac & Gravity)	LF	6875	$ 36.00	$ 247,500.00	$ 53.35	$ 366,781.25	$ 53.35	$ 366,781.25	$53.00	$ 364,375.00	$ 53.35	$ 366,781.25	$ 53.35	$ 366,781.25	$ 53.35	$ 366,781.25
Furnish & Install Gravity Sewer																
8-inch PVC gravity main	LF	0	$ 65.00	$ -	$ 65.00	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -
Sanitary sewer manholes (to 10')	EA	0	$ 5,000.00	$ -	$ 6,000.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -
Surface Restoration				$ -												
Asphalt Type 1	LF	3000	$ 13.00	$ 39,000.00	$ 50.00	$ 150,000.00	$ 50.00	$ 150,000.00	$ 50.00	$ 150,000.00	$ 53.00	$ 159,000.00	$ 53.00	$ 159,000.00	$ 53.00	$ 159,000.00
Asphalt Overlay	SY	2000	$ 9.00	$ 18,000.00	$ 13.00	$ 26,000.00	$ 13.00	$ 26,000.00	$ 13.00	$ 26,000.00	$ 13.50	$ 27,000.00	$ 13.50	$ 27,000.00	$ 13.50	$ 27,000.00
Asphalt Milling (Min) <1400 SY	LS	0		$ -		$ -	$ 3,500.00	$ -	$ 3,500.00			$ -	$ 3,500.00	$ -		$ -
Asphalt Milling	SY	0		$ -		$ -	$ 2.55	$ -	$ 2.55	$ -		$ -	$ 2.55	$ -		$ -
																$ -
			Total	$ 1,214,071.50	Total	$ 1,700,456.25		$ 1,734,971.25	Total	$ 1,711,195.00	Total	$ 1,776,938.45		$ 1,793,916.25	Total	$ 1,818,466.25
				$ 3,878.82		$ 5,432.77		$ 5,543.04		$ 5,467.08		$ 5,677.12		$ 5,731.36		$ 5,809.80

Basin F Phase 4

F4
BJ award

Description	Units	Qty	Redland - E1E2F1 Bid		LaRocco - D1 CO		LaRocco - F2 Proposal		Metro - F4 Proposal		Fountain C3 - Proposal		Metro - C4 Proposal		Fountain A1 - Bid	
			Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $
Mobilization	LS	1	$ 25,000.00	$ 25,000.00	$ 5,000.00	$ 5,000.00	$ 8,000.00	$ 8,000.00	$ 5,000.00	$ 5,000.00	$ -	$ -	$ 15,450.00	$ 15,450.00	$ 40,000.00	$ 40,000.00
Indemnification	LS	0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Preconstruction Video	LS	1	$ 1,000.00	$ 1,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Maintenance of Traffic	LS	1	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00
Erosion Control	LS	0	$ -	$ -	$ 3,000.00	$ -	$ -	$ -	$ 15,000.00	$ -	$ -	$ -	$ 15,000.00	$ -	$ 15,000.00	$ -
Furnish & Install Vacuum Main																
4" PVC pipe	LF	7420	$ 32.25	$ 239,295.00	$ 44.00	$ 326,480.00	$ 44.00	$ 326,480.00	$ 40.00	$ 296,800.00	$ 46.00	$ 341,320.00	$ 46.00	$ 341,320.00	$ 46.00	$ 341,320.00
6" PVC pipe	LF	1825	$ 36.00	$ 65,700.00	$ 49.00	$ 89,425.00	$ 49.00	$ 89,425.00	$ 44.00	$ 80,300.00	$ 53.50	$ 97,637.50	$ 53.50	$ 97,637.50	$ 53.50	$ 97,637.50
8" PVC pipe	LF	2056	$ 36.50	$ 75,044.00	$ 50.00	$ 102,800.00	$ 59.50	$ 122,332.00	$ 53.50	$ 109,996.00	$ 59.50	$ 122,332.00	$ 59.50	$ 122,332.00	$ 59.50	$ 122,332.00
10" PVC pipe	LF	732	$ 38.00	$ 27,816.00	$ 55.00	$ 40,260.00	$ 67.50	$ 49,410.00	$ 60.50	$ 44,286.00	$ 67.50	$ 49,410.00	$ 67.50	$ 49,410.00	$ 67.50	$ 49,410.00
12" PVC pipe	LF	0	$ 42.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 60.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
Furnish & Install Division Valves												$ -				
4-inch	EA	8	$ 900.00	$ 7,200.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00	$ 950.00	$ 7,600.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00
6-inch	EA	2	$ 1,000.00	$ 2,000.00	$ 1,300.00	$ 2,600.00	$ 1,300.00	$ 2,600.00	$ 1,300.00	$ 2,600.00	$ 1,025.00	$ 2,050.00	$ 1,200.00	$ 2,400.00	$ 1,200.00	$ 2,400.00
8-inch	EA	3	$ 1,750.00	$ 5,250.00	$ 1,600.00	$ 4,800.00	$ 1,500.00	$ 4,500.00	$ 1,500.00	$ 4,500.00	$ 1,500.00	$ 4,500.00	$ 1,500.00	$ 4,500.00	$ 1,500.00	$ 4,500.00
10-inch	EA	0	$ 1,850.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ -	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -
12-inch	EA	0	$ 1,950.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -
Install Vacuum Sewer Collection Pits																
5-foot pit	EA	0	$ 800.00	$ -	$ 2,500.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -
6.5-foot pit	EA	73	$ 900.00	$ 65,700.00	$ 2,600.00	$ 189,800.00	$ 2,600.00	$ 189,800.00	$ 2,600.00	$ 189,800.00	$ 2,400.00	$ 175,200.00	$ 2,400.00	$ 175,200.00	$ 2,400.00	$ 175,200.00
7.5-foot pit	EA	1	$ 1,200.00	$ 1,200.00	$ 2,700.00	$ 2,700.00	$ 3,000.00	$ 3,000.00	$ 3,000.00	$ 3,000.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 2,500.00
10-foot pit	EA	2	$ 1,500.00	$ 3,000.00	$ 2,800.00	$ 5,600.00	$ 3,100.00	$ 6,200.00	$ 3,000.00	$ 6,000.00	$ 2,600.00	$ 5,200.00	$ 2,600.00	$ 5,200.00	$ 2,600.00	$ 5,200.00
Furnish and Install Single Buffer	EA	1	$ 2,900.00	$ 2,900.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00
Furnish and Install Dual Buffer	EA	0	$ 4,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -
F & I 3-inch Vac Connection to pits	LF	1548	$ 29.00	$ 44,892.00	$ 45.00	$ 69,660.00	$ 50.00	$ 77,400.00	$ 50.00	$ 77,400.00	$ 45.00	$ 69,660.00	$ 50.00	$ 77,400.00	$ 50.00	$ 77,400.00
F & I Vac Sewer Dedicated Air Intakes vertical	EA	77	$ 700.00	$ 53,900.00	$ 500.00	$ 38,500.00	$ 500.00	$ 38,500.00	$ 500.00	$ 38,500.00	$ 500.00	$ 38,500.00	$ 350.00	$ 26,950.00	$ 350.00	$ 26,950.00
F & I Vac Sewer Dedicated Air Intakes Horizontal	LF	308	$ 36.00	$ 11,088.00	$ 50.00	$ 15,400.00	$ 50.00	$ 15,400.00	$ 50.00	$ 15,400.00	$ 53.35	$ 16,431.80	$ 50.00	$ 15,400.00	$ 50.00	$ 15,400.00
F & I 6 inch PVC Cleanout	EA	259	$ 650.00	$ 168,350.00	$ 400.00	$ 103,600.00	$ 400.00	$ 103,600.00	$ 400.00	$ 103,600.00	$ 525.00	$ 135,975.00	$ 525.00	$ 135,975.00	$ 525.00	$ 135,975.00
F & I 6 inch Sewer Laterals (Vac & Gravity)	LF	5122	$ 36.00	$ 184,392.00	$ 53.35	$ 273,258.70	$ 53.35	$ 273,258.70	$ 53.35	$ 273,258.70	$ 53.35	$ 273,258.70	$ 53.35	$ 273,258.70	$ 53.35	$ 273,258.70
Furnish & Install Gravity Sewer																
8-inch PVC gravity main	LF	0	$ 65.00	$ -	$ 65.00	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -
Sanitary sewer manholes (to 10')	EA	0	$ 5,000.00	$ -	$ 5,000.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -
Surface Restoration				$ -												
Asphalt Type 1	LF	3000	$ 13.00	$ 39,000.00	$ 50.00	$ 150,000.00	$ 50.00	$ 150,000.00	$ 50.00	$ 150,000.00	$ 53.00	$ 159,000.00	$ 53.00	$ 159,000.00	$ 53.00	$ 159,000.00
Asphalt Overlay	SY	4000	$ 9.00	$ 36,000.00	$ 13.00	$ 52,000.00	$ 13.00	$ 52,000.00	$ 13.00	$ 52,000.00	$ 13.50	$ 54,000.00	$ 13.50	$ 54,000.00	$ 13.50	$ 54,000.00
Asphalt Milling (Min) <1400 SY	LS	0		$ -		$ -	$ 3,500.00	$ -	$ 3,500.00	$ -		$ -	$ 3,500.00	$ -		$ -
Asphalt Milling	SY	0		$ -		$ -	$ 2.55	$ -	$ 2.55	$ -		$ -	$ 2.55	$ -		$ -
			Total	$ 1,083,727.00	Total	$ 1,514,883.70		$ 1,554,905.70	Total	$ 1,495,440.70	Total	$ 1,600,575.00		$ 1,611,933.20	Total	$ 1,636,483.20
				$ 4,184.27		$ 5,848.97		$ 6,003.50		$ 5,773.90		$ 6,179.83		$ 6,223.68		$ 6,318.47

F5
BJ award

Basin F Phase 5

Description	Units	Qty	Redland - E1E2F1 Bid		LaRocco - D1 CO		LaRocco - F2 Proposal		Metro - F5 Proposal		Fountain C3 - Proposal		Metro - C4 Proposal		Fountain A1 - Bid	
			Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $
Mobilization	LS	1	$ 25,000.00	$ 25,000.00	$ 5,000.00	$ 5,000.00	$ 8,000.00	$ 8,000.00	$ 5,000.00	$ 5,000.00	$ -	$ -	$ 15,450.00	$ 15,450.00	$ 40,000.00	$ 40,000.00
Indemnification	LS	0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Preconstruction Video	LS	1	$ 1,000.00	$ 1,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Maintenance of Traffic	LS	1	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00
Erosion Control	LS	0	$ -	$ -	$ 3,000.00	$ -	$ -	$ -	$ 15,000.00	$ -	$ -	$ -	$ 15,000.00	$ -	$ 15,000.00	$ -
Bridge Crossing	LS	1	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00
Furnish & Install Vacuum Main																
4" PVC pipe	LF	4450	$ 32.25	$ 143,512.50	$ 44.00	$ 195,800.00	$ 44.00	$ 195,800.00	$ 40.00	$ 178,000.00	$ 46.00	$ 204,700.00	$ 46.00	$ 204,700.00	$ 46.00	$ 204,700.00
6" PVC pipe	LF	0	$ 36.00	$ -	$ 49.00	$ -	$ 49.00	$ -	$ 44.00	$ -	$ 53.50	$ -	$ 53.50	$ -	$ 53.50	$ -
8" PVC pipe	LF	170	$ 36.50	$ 6,205.00	$ 50.00	$ 8,500.00	$ 59.50	$ 10,115.00	$ 53.50	$ 9,095.00	$ 59.50	$ 10,115.00	$ 59.50	$ 10,115.00	$ 59.50	$ 10,115.00
10" PVC pipe	LF	0	$ 38.00	$ -	$ 55.00	$ -	$ 67.50	$ -	$ 60.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
12" PVC pipe	LF	0	$ 42.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 60.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
Furnish & Install Division Valves												$ -				
4-inch	EA	5	$ 900.00	$ 4,500.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 950.00	$ 4,750.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00
6-inch	EA	0	$ 1,000.00	$ -	$ 1,300.00	$ -	$ 1,300.00	$ -	$ 1,200.00	$ -	$ 1,025.00	$ -	$ 1,200.00	$ -	$ 1,200.00	$ -
8-inch	EA	1	$ 1,750.00	$ 1,750.00	$ 1,600.00	$ 1,600.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00
10-inch	EA	0	$ 1,850.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ -	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -
12-inch	EA	0	$ 1,950.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -
Install Vacuum Sewer Collection Pits																
5-foot pit	EA	0	$ 800.00	$ -	$ 2,500.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -
6.5-foot pit	EA	35	$ 900.00	$ 31,500.00	$ 2,600.00	$ 91,000.00	$ 2,600.00	$ 91,000.00	$ 2,600.00	$ 91,000.00	$ 2,400.00	$ 84,000.00	$ 2,400.00	$ 84,000.00	$ 2,400.00	$ 84,000.00
7.5-foot pit	EA	2	$ 1,200.00	$ 2,400.00	$ 2,700.00	$ 5,400.00	$ 3,000.00	$ 6,000.00	$ 3,000.00	$ 6,000.00	$ 2,500.00	$ 5,000.00	$ 2,500.00	$ 5,000.00	$ 2,500.00	$ 5,000.00
10-foot pit	EA	0	$ 1,500.00	$ -	$ 2,800.00	$ -	$ 3,100.00	$ -	$ 3,000.00	$ -	$ 2,600.00	$ -	$ 2,600.00	$ -	$ 2,600.00	$ -
Furnish and Install Single Buffer	EA	0	$ 2,900.00	$ -	$ 5,000.00	$ -	$ 5,000.00	$ -	$ 5,000.00	$ -	$ 6,000.00	$ -	$ 6,000.00	$ -	$ 6,000.00	$ -
Furnish and Install Dual Buffer	EA	0	$ 4,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -
F & I 3-inch Vac Connection to pits	LF	550	$ 29.00	$ 15,950.00	$ 45.00	$ 24,750.00	$ 50.00	$ 27,500.00	$ 50.00	$ 27,500.00	$ 45.00	$ 24,750.00	$ 50.00	$ 27,500.00	$ 50.00	$ 27,500.00
F & I Vac Sewer Dedicated Air Intakes vertical	EA	37	$ 700.00	$ 25,900.00	$ 500.00	$ 18,500.00	$ 500.00	$ 18,500.00	$ 500.00	$ 18,500.00	$ 500.00	$ 18,500.00	$ 350.00	$ 12,950.00	$ 350.00	$ 12,950.00
F & I Vac Sewer Dedicated Air Intakes Horizontal	LF	183	$ 36.00	$ 6,588.00	$ 50.00	$ 9,150.00	$ 50.00	$ 9,150.00	$ 50.00	$ 9,150.00	$ 53.35	$ 9,763.05	$ 50.00	$ 9,150.00	$ 50.00	$ 9,150.00
F & I 6 inch PVC Cleanout	EA	110	$ 650.00	$ 71,500.00	$ 400.00	$ 44,000.00	$ 400.00	$ 44,000.00	$ 400.00	$ 44,000.00	$ 525.00	$ 57,750.00	$ 525.00	$ 57,750.00	$ 525.00	$ 57,750.00
F & I 6 inch Sewer Laterals (Vac & Gravity)	LF	220	$ 36.00	$ 7,920.00	$ 53.35	$ 11,737.00	$ 53.35	$ 11,737.00	$ 53.35	$ 11,737.00	$ 53.35	$ 11,737.00	$ 53.35	$ 11,737.00	$ 53.35	$ 11,737.00
Furnish & Install Gravity Sewer																
8-inch PVC gravity main	LF	0	$ 65.00	$ -	$ 65.00	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -
Sanitary sewer manholes (to 10')	EA	0	$ 5,000.00	$ -	$ 5,000.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -
Surface Restoration				$ -												
Asphalt Type 1	LF	270	$ 13.00	$ 3,510.00	$ 50.00	$ 13,500.00	$ 50.00	$ 13,500.00	$ 50.00	$ 13,500.00	$ 53.00	$ 14,310.00	$ 53.00	$ 14,310.00	$ 53.00	$ 14,310.00
Asphalt Overlay	SY	0	$ 9.00	$ -	$ 13.00	$ -	$ 13.00	$ -	$ 13.00	$ -	$ 13.50	$ -	$ 13.50	$ -	$ 13.50	$ -
Asphalt Milling (Min) <1400 SY	LS	0		$ -		$ -	$ 3,500.00	$ -	$ 3,500.00	$ -		$ -	$ 3,500.00	$ -		$ -
Asphalt Milling	SY	0		$ -		$ -	$ 2.55	$ -	$ 2.55	$ -		$ -	$ 2.55	$ -		$ -
			Total	$ 387,235.50	Total	$ 478,937.00		$ 486,802.00	Total	$ 464,982.00	Total	$ 501,875.05		$ 514,162.00	Total	$ 538,712.00
				$ 3,520.32		$ 4,353.97		$ 4,425.47		$ 4,227.11		$ 4,562.50		$ 4,674.20		$ 4,897.38

G1

Basin G Phase 1

Description	Units	Qty	Redland - E1E2F1 Bid		LaRocco - D1 CO		LaRocco - F2 Proposal		Metro - F3 Proposal		Fountain C3 - Proposal		Metro - C4 Proposal		Fountain A1 - Bid	
			Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $
Mobilization	LS	1	$ 25,000.00	$ 25,000.00	$ 5,000.00	$ 5,000.00	$ 8,000.00	$ 8,000.00	$ 8,000.00	$ 8,000.00	$ -	$ -	$ 15,450.00	$ 15,450.00	$ 40,000.00	$ 40,000.00
Indemnification	LS	0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Preconstruction Video	LS	1	$ 1,000.00	$ 1,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Maintenance of Traffic	LS	1	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00
Erosion Control	LS	0	$ -	$ -	$ 3,000.00	$ -	$ -	$ -	$ 15,000.00	$ -	$ -	$ -	$ 15,000.00	$ -	$ 15,000.00	$ -
Furnish & Install Vacuum Main																
4" PVC pipe	LF	9355	$ 32.25	$ 301,698.75	$ 44.00	$ 411,620.00	$ 44.00	$ 411,620.00	$ 44.00	$ 411,620.00	$ 46.00	$ 430,330.00	$ 46.00	$ 430,330.00	$ 46.00	$ 430,330.00
6" PVC pipe	LF	2875	$ 36.00	$ 103,500.00	$ 49.00	$ 140,875.00	$ 49.00	$ 140,875.00	$ 49.00	$ 140,875.00	$ 53.50	$ 153,812.50	$ 53.50	$ 153,812.50	$ 53.50	$ 153,812.50
8" PVC pipe	LF	2632	$ 36.50	$ 96,068.00	$ 50.00	$ 131,600.00	$ 59.50	$ 156,604.00	$ 59.50	$ 156,604.00	$ 59.50	$ 156,604.00	$ 59.50	$ 156,604.00	$ 59.50	$ 156,604.00
10" PVC pipe	LF	1287	$ 38.00	$ 48,906.00	$ 55.00	$ 70,785.00	$ 67.50	$ 86,872.50	$ 67.50	$ 86,872.50	$ 67.50	$ 86,872.50	$ 67.50	$ 86,872.50	$ 67.50	$ 86,872.50
12" PVC pipe	LF	0	$ 42.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
Furnish & Install Division Valves																
4-inch	EA	8	$ 900.00	$ 7,200.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00	$ 950.00	$ 7,600.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00
6-inch	EA	7	$ 1,000.00	$ 7,000.00	$ 1,300.00	$ 9,100.00	$ 1,300.00	$ 9,100.00	$ 1,300.00	$ 9,100.00	$ 1,025.00	$ 7,175.00	$ 1,200.00	$ 8,400.00	$ 1,200.00	$ 8,400.00
8-inch	EA	2	$ 1,750.00	$ 3,500.00	$ 1,600.00	$ 3,200.00	$ 1,500.00	$ 3,000.00	$ 1,500.00	$ 3,000.00	$ 1,500.00	$ 3,000.00	$ 1,500.00	$ 3,000.00	$ 1,500.00	$ 3,000.00
10-inch	EA	2	$ 1,850.00	$ 3,700.00	$ 2,500.00	$ 5,000.00	$ 2,500.00	$ 5,000.00	$ 2,500.00	$ 5,000.00	$ -	$ -	$ 2,500.00	$ 5,000.00	$ 2,500.00	$ 5,000.00
12-inch	EA	0	$ 1,950.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -
Install Vacuum Sewer Collection Pits																
5-foot pit	EA	0	$ 800.00	$ -	$ 2,500.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -
6.5-foot pit	EA	49	$ 900.00	$ 44,100.00	$ 2,600.00	$ 127,400.00	$ 2,600.00	$ 127,400.00	$ 2,600.00	$ 127,400.00	$ 2,400.00	$ 117,600.00	$ 2,400.00	$ 117,600.00	$ 2,400.00	$ 117,600.00
7.5-foot pit	EA	0	$ 1,200.00	$ -	$ 2,700.00	$ -	$ 3,000.00	$ -	$ 3,000.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -
Furnish and Install Single Buffer	EA	4	$ 2,900.00	$ 11,600.00	$ 5,000.00	$ 20,000.00	$ 5,000.00	$ 20,000.00	$ 5,000.00	$ 20,000.00	$ 6,000.00	$ 24,000.00	$ 6,000.00	$ 24,000.00	$ 6,000.00	$ 24,000.00
Furnish and Install Dual Buffer	EA	0	$ 4,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -
F & I 3-inch Vac Connection to pits	LF	954	$ 29.00	$ 27,666.00	$ 45.00	$ 42,930.00	$ 50.00	$ 47,700.00	$ 50.00	$ 47,700.00	$ 45.00	$ 42,930.00	$ 50.00	$ 47,700.00	$ 50.00	$ 47,700.00
F & I Vac Sewer Dedicated Air Intakes vertical	EA	53	$ 700.00	$ 37,100.00	$ 500.00	$ 26,500.00	$ 500.00	$ 26,500.00	$ 500.00	$ 26,500.00	$ 500.00	$ 26,500.00	$ 350.00	$ 18,550.00	$ 350.00	$ 18,550.00
F & I Vac Sewer Dedicated Air Intakes Horizontal	LF	0	$ 36.00	$ -	$ 50.00	$ -	$ 50.00	$ -	$ 50.00	$ -	$ 53.35	$ -	$ 50.00	$ -	$ 50.00	$ -
F & I 6 inch PVC Cleanout	EA	53	$ 650.00	$ 34,450.00	$ 400.00	$ 21,200.00	$ 400.00	$ 21,200.00	$ 400.00	$ 21,200.00	$ 525.00	$ 27,825.00	$ 525.00	$ 27,825.00	$ 525.00	$ 27,825.00
F & I 6 inch Sewer Laterals (Vac & Gravity)	LF	1590	$ 36.00	$ 57,240.00	$ 53.35	$ 84,826.50	$ 53.35	$ 84,826.50	$ 53.35	$ 84,826.50	$ 53.35	$ 84,826.50	$ 53.35	$ 84,826.50	$ 53.35	$ 84,826.50
Furnish & Install Gravity Sewer																
8-inch PVC gravity main	LF	0	$ 65.00	$ -	$ 65.00	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -
Sanitary sewer manholes (to 10')	EA	0	$ 5,000.00	$ -	$ 5,000.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -
Surface Restoration				$ -												
Asphalt Type 1	LF	4673	$ 13.00	$ 60,749.00	$ 50.00	$ 233,650.00	$ 50.00	$ 233,650.00	$ 50.00	$ 233,650.00	$ 53.00	$ 247,669.00	$ 53.00	$ 247,669.00	$ 53.00	$ 247,669.00
Asphalt Overlay	SY	5193	$ 9.00	$ 46,737.00	$ 13.00	$ 67,509.00	$ 13.00	$ 67,509.00	$ 13.00	$ 67,509.00	$ 13.50	$ 70,105.50	$ 13.50	$ 70,105.50	$ 13.50	$ 70,105.50
Asphalt Milling (Min) <1400 SY	LS	0		$ -		$ -	$ 3,500.00	$ -	$ 3,500.00	$ -		$ -	$ 3,500.00	$ -		$ -
Asphalt Milling	SY	0		$ -		$ -	$ 2.55	$ -	$ 2.55	$ -		$ -	$ 2.55	$ -		$ -
			Total	$ 942,214.75	Total	$ 1,439,195.50		$ 1,487,857.00	Total	$ 1,487,857.00	Total	$ 1,526,850.00		$ 1,545,745.00	Total	$ 1,570,295.00
				$ 17,777.64		$ 27,154.63		$ 28,072.77		$ 28,072.77		$ 28,808.49		$ 29,165.00		$ 29,628.21

Basin H

H

Description	Units	Qty	Redland - E1E2F1 Bid		LaRocco - D1 CO		LaRocco - F2 Proposal		Metro - F3 Proposal		Fountain C3 - Proposal		Metro - C4 Proposal		Fountain A1 - Bid	
			Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $
Mobilization	LS	1	$ 25,000.00	$ 25,000.00	$ 5,000.00	$ 5,000.00	$ 8,000.00	$ 8,000.00	$ 8,000.00	$ 8,000.00	$ -	$ -	$ 15,450.00	$ 15,450.00	$ 40,000.00	$ 40,000.00
Indemnification	LS	0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Preconstruction Video	LS	1	$ 1,000.00	$ 1,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Maintenance of Traffic	LS	1	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00
Erosion Control	LS	0	$ -	$ -	$ 3,000.00	$ -	$ -	$ -	$ 15,000.00	$ -	$ -	$ -	$ 15,000.00	$ -	$ 15,000.00	$ -
Furnish & Install Vacuum Main																
4" PVC pipe	LF	4041	$ 32.25	$ 130,322.25	$ 44.00	$ 177,804.00	$ 44.00	$ 177,804.00	$ 44.00	$ 177,804.00	$ 46.00	$ 185,886.00	$ 46.00	$ 185,886.00	$ 46.00	$ 185,886.00
6" PVC pipe	LF	3142	$ 36.00	$ 113,112.00	$ 49.00	$ 153,958.00	$ 49.00	$ 153,958.00	$ 49.00	$ 153,958.00	$ 53.50	$ 168,097.00	$ 53.50	$ 168,097.00	$ 53.50	$ 168,097.00
8" PVC pipe	LF	1450	$ 36.50	$ 52,925.00	$ 50.00	$ 72,500.00	$ 59.50	$ 86,275.00	$ 59.50	$ 86,275.00	$ 59.50	$ 86,275.00	$ 59.50	$ 86,275.00	$ 59.50	$ 86,275.00
10" PVC pipe	LF	0	$ 38.00	$ -	$ 55.00	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
12" PVC pipe	LF	0	$ 42.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
Furnish & Install Division Valves												$ -				
4-inch	EA	1	$ 900.00	$ 900.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 950.00	$ 950.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00
6-inch	EA	2	$ 1,000.00	$ 2,000.00	$ 1,300.00	$ 2,600.00	$ 1,300.00	$ 2,600.00	$ 1,300.00	$ 2,600.00	$ 1,025.00	$ 2,050.00	$ 1,200.00	$ 2,400.00	$ 1,200.00	$ 2,400.00
8-inch	EA	1	$ 1,750.00	$ 1,750.00	$ 1,600.00	$ 1,600.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00
10-inch	EA	0	$ 1,850.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ -	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -
12-inch	EA	0	$ 1,950.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -
Install Vacuum Sewer Collection Pits																
5-foot pit	EA	0	$ 800.00	$ -	$ 2,500.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -
6.5-foot pit	EA	42	$ 900.00	$ 37,800.00	$ 2,600.00	$ 109,200.00	$ 2,600.00	$ 109,200.00	$ 2,600.00	$ 109,200.00	$ 2,400.00	$ 100,800.00	$ 2,400.00	$ 100,800.00	$ 2,400.00	$ 100,800.00
7.5-foot pit	EA	0	$ 1,200.00	$ -	$ 2,700.00	$ -	$ 3,000.00	$ -	$ 3,000.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -
Furnish and Install Single Buffer	EA	7	$ 2,900.00	$ 20,300.00	$ 5,000.00	$ 35,000.00	$ 5,000.00	$ 35,000.00	$ 5,000.00	$ 35,000.00	$ 6,000.00	$ 42,000.00	$ 6,000.00	$ 42,000.00	$ 6,000.00	$ 42,000.00
Furnish and Install Dual Buffer	EA	0	$ 4,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -
F & I 3-inch Vac Connection to pits	LF	882	$ 29.00	$ 25,578.00	$ 45.00	$ 39,690.00	$ 50.00	$ 44,100.00	$ 50.00	$ 44,100.00	$ 45.00	$ 39,690.00	$ 50.00	$ 44,100.00	$ 50.00	$ 44,100.00
F & I Vac Sewer Dedicated Air Intakes vertical	EA	49	$ 700.00	$ 34,300.00	$ 500.00	$ 24,500.00	$ 500.00	$ 24,500.00	$ 500.00	$ 24,500.00	$ 500.00	$ 24,500.00	$ 350.00	$ 17,150.00	$ 350.00	$ 17,150.00
F & I Vac Sewer Dedicated Air Intakes Horizontal	LF	0	$ 36.00	$ -	$ 50.00	$ -	$ 50.00	$ -	$ 50.00	$ -	$ 53.35	$ -	$ 50.00	$ -	$ 50.00	$ -
F & I 6 inch PVC Cleanout	EA	64	$ 650.00	$ 41,600.00	$ 400.00	$ 25,600.00	$ 400.00	$ 25,600.00	$ 400.00	$ 25,600.00	$ 525.00	$ 33,600.00	$ 525.00	$ 33,600.00	$ 525.00	$ 33,600.00
F & I 6 inch Sewer Laterals (Vac & Gravity)	LF	1920	$ 36.00	$ 69,120.00	$ 53.35	$ 102,432.00	$ 53.35	$ 102,432.00	$ 53.35	$ 102,432.00	$ 53.35	$ 102,432.00	$ 53.35	$ 102,432.00	$ 53.35	$ 102,432.00
Furnish & Install Gravity Sewer																
8-inch PVC gravity main	LF	0	$ 65.00	$ -	$ 65.00	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -
Sanitary sewer manholes (to 10')	EA	0	$ 5,000.00	$ -	$ 5,000.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -
Surface Restoration				$ -												
Asphalt Type 1	LF	2617	$ 13.00	$ 34,021.00	$ 50.00	$ 130,850.00	$ 50.00	$ 130,850.00	$ 50.00	$ 130,850.00	$ 53.00	$ 138,701.00	$ 53.00	$ 138,701.00	$ 53.00	$ 138,701.00
Asphalt Overlay	SY	2883	$ 9.00	$ 25,947.00	$ 13.00	$ 37,479.00	$ 13.00	$ 37,479.00	$ 13.00	$ 37,479.00	$ 13.50	$ 38,920.50	$ 13.50	$ 38,920.50	$ 13.50	$ 38,920.50
Asphalt Milling (Min) <1400 SY	LS	0		$ -		$ -	$ 3,500.00	$ -	$ 3,500.00	$ -		$ -	$ 3,500.00	$ -		$ -
Asphalt Milling	SY	0		$ -		$ -	$ 2.55	$ -	$ 2.55	$ -		$ -	$ 2.55	$ -		$ -
			Total	$ 640,675.25	Total	$ 949,213.00		$ 970,298.00	Total	$ 970,298.00	Total	$ 1,005,401.50		$ 1,018,311.50	Total	$ 1,042,861.50
				$ 10,010.55		$ 14,831.45		$ 15,160.91		$ 15,160.91		$ 15,709.40		$ 15,911.12		$ 16,294.71

we awarded.

Basin I Phase 1

Description	Units	Qty	Redland - E1E2F1 Bid		LaRocco - D1 CO		LaRocco - F2 Proposal		Metro - F3 Proposal		Fountain C3 - Proposal		Metro - C4 Proposal		Fountain A1 - Bid	
			Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $
Mobilization	LS	1	$ 25,000.00	$ 25,000.00	$ 5,000.00	$ 5,000.00	$ 8,000.00	$ 8,000.00	$ 8,000.00	$ 8,000.00	$ -	$ -	$ 15,450.00	$ 15,450.00	$ 40,000.00	$ 40,000.00
Indemnification	LS	0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Preconstruction Video	LS	1	$ 1,000.00	$ 1,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Maintenance of Traffic	LS	1	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00
Erosion Control	LS	1	$ -	$ -	$ 3,000.00	$ 3,000.00	$ -	$ -	$ 15,000.00	$ 15,000.00	$ -	$ -	$ 15,000.00	$ 15,000.00	$ 15,000.00	$ 15,000.00
Furnish & Install Vacuum Main																
4" PVC pipe	LF	1255	$ 32.25	$ 40,473.75	$ 44.00	$ 55,220.00	$ 44.00	$ 55,220.00	$ 44.00	$ 55,220.00	$ 46.00	$ 57,730.00	$ 46.00	$ 57,730.00	$ 46.00	$ 57,730.00
6" PVC pipe	LF	4653	$ 36.00	$ 167,508.00	$ 49.00	$ 227,997.00	$ 49.00	$ 227,997.00	$ 49.00	$ 227,997.00	$ 53.50	$ 248,935.50	$ 53.50	$ 248,935.50	$ 53.50	$ 248,935.50
8" PVC pipe	LF	5428	$ 36.50	$ 198,122.00	$ 50.00	$ 271,400.00	$ 59.50	$ 322,966.00	$ 59.50	$ 322,966.00	$ 59.50	$ 322,966.00	$ 59.50	$ 322,966.00	$ 59.50	$ 322,966.00
10" PVC pipe	LF	1311	$ 38.00	$ 49,818.00	$ 55.00	$ 72,105.00	$ 67.50	$ 88,492.50	$ 67.50	$ 88,492.50	$ 67.50	$ 88,492.50	$ 67.50	$ 88,492.50	$ 67.50	$ 88,492.50
12" PVC pipe	LF	0	$ 42.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
Furnish & Install Division Valves												$ -				
4-inch	EA	5	$ 900.00	$ 4,500.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 950.00	$ 4,750.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00
6-inch	EA	3	$ 1,000.00	$ 3,000.00	$ 1,300.00	$ 3,900.00	$ 1,300.00	$ 3,900.00	$ 1,300.00	$ 3,900.00	$ 1,025.00	$ 3,075.00	$ 1,200.00	$ 3,600.00	$ 1,200.00	$ 3,600.00
8-inch	EA	5	$ 1,750.00	$ 8,750.00	$ 1,600.00	$ 8,000.00	$ 1,500.00	$ 7,500.00	$ 1,500.00	$ 7,500.00	$ 1,500.00	$ 7,500.00	$ 1,500.00	$ 7,500.00	$ 1,500.00	$ 7,500.00
10-inch	EA	0	$ 1,850.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ -	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -
12-inch	EA	0	$ 1,950.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -	$ 3,500.00	$ -
Install Vacuum Sewer Collection Pits																
5-foot pit	EA	0	$ 800.00	$ -	$ 2,500.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -
6.5-foot pit	EA	13	$ 900.00	$ 11,700.00	$ 2,600.00	$ 33,800.00	$ 2,600.00	$ 33,800.00	$ 2,600.00	$ 33,800.00	$ 2,400.00	$ 31,200.00	$ 2,400.00	$ 31,200.00	$ 2,400.00	$ 31,200.00
7.5-foot pit	EA	0	$ 1,200.00	$ -	$ 2,700.00	$ -	$ 3,000.00	$ -	$ 3,000.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -
Furnish and Install Single Buffer	EA	1	$ 2,900.00	$ 2,900.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00
Furnish and Install Dual Buffer	EA	0	$ 4,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -	$ 7,000.00	$ -
F & I 3-inch Vac Connection to pits	LF	228	$ 29.00	$ 6,612.00	$ 45.00	$ 10,260.00	$ 50.00	$ 11,400.00	$ 50.00	$ 11,400.00	$ 45.00	$ 10,260.00	$ 50.00	$ 11,400.00	$ 50.00	$ 11,400.00
F & I Vac Sewer Dedicated Air Intakes vertical	EA	14	$ 700.00	$ 9,800.00	$ 500.00	$ 7,000.00	$ 500.00	$ 7,000.00	$ 500.00	$ 7,000.00	$ 500.00	$ 7,000.00	$ 350.00	$ 4,900.00	$ 350.00	$ 4,900.00
F & I Vac Sewer Dedicated Air Intakes Horizontal	LF	332	$ 36.00	$ 11,952.00	$ 50.00	$ 16,600.00	$ 50.00	$ 16,600.00	$ 50.00	$ 16,600.00	$ 53.35	$ 17,712.20	$ 50.00	$ 16,600.00	$ 50.00	$ 16,600.00
F & I 6 inch PVC Cleanout	EA	32	$ 650.00	$ 20,800.00	$ 400.00	$ 12,800.00	$ 400.00	$ 12,800.00	$ 400.00	$ 12,800.00	$ 525.00	$ 16,800.00	$ 525.00	$ 16,800.00	$ 525.00	$ 16,800.00
F & I 6 inch Sewer Laterals (Vac & Gravity)	LF	638	$ 36.00	$ 22,968.00	$ 53.35	$ 34,037.30	$ 53.35	$ 34,037.30	$ 53.35	$ 34,037.30	$ 53.35	$ 34,037.30	$ 53.35	$ 34,037.30	$ 53.35	$ 34,037.30
Furnish & Install Gravity Sewer																
8-inch PVC gravity main	LF	0	$ 65.00	$ -	$ 65.00	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -	$ 71.25	$ -
Sanitary sewer manholes (to 10')	EA	0	$ 5,000.00	$ -	$ 5,000.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -	$ 6,500.00	$ -
Surface Restoration				$ -												
Asphalt Type 1	LF	5080	$ 13.00	$ 66,040.00	$ 50.00	$ 254,000.00	$ 50.00	$ 254,000.00	$ 50.00	$ 254,000.00	$ 53.00	$ 269,240.00	$ 53.00	$ 269,240.00	$ 53.00	$ 269,240.00
Asphalt Overlay	SY	310	$ 9.00	$ 2,790.00	$ 13.00	$ 4,030.00	$ 13.00	$ 4,030.00	$ 13.00	$ 4,030.00	$ 13.50	$ 4,185.00	$ 13.50	$ 4,185.00	$ 13.50	$ 4,185.00
Asphalt Milling (Min) <1400 SY	LS	0		$ -		$ -	$ 3,500.00	$ -	$ 3,500.00	$ -		$ -	$ 3,500.00	$ -		$ -
Asphalt Milling	SY	0		$ -		$ -	$ 2.55	$ -	$ 2.55	$ -		$ -	$ 2.55	$ -		$ -
			Total	$ 678,733.75	Total	$ 1,059,149.30		$ 1,127,742.80	Total	$ 1,142,742.80	Total	$ 1,169,883.50		$ 1,199,036.30	Total	$ 1,223,586.30
				$ 21,210.43		$ 33,098.42		$ 35,241.96		$ 35,710.71		$ 36,558.86		$ 37,469.88		$ 38,237.07

Basin I Phase 2

Description	Units	Qty	Redland - F4F5 Proposal Unit $	Redland - F4F5 Proposal Total $	Redland - E1E2F1 Bid Unit $	Redland - E1E2F1 Bid Total $	Fountain I4 - Proposal Unit $	Fountain I4 - Proposal Total $	LaRocco - I2 Proposal Unit $	LaRocco - I2 Proposal Total $	Metro - F3 Proposal Unit $	Metro - F3 Proposal Total $	Metro - G1H Proposal Unit $	Metro - G1H Proposal Total $	LaRocco - F2 Proposal Unit $	LaRocco - F2 Proposal Total $	Fountain C3 - Proposal Unit $	Fountain C3 - Proposal Total $	Fountain A1 - Bid Unit $	Fountain A1 - Bid Total $
Mobilization	LS	1	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ -	$ -	$ -	$ -	$ 8,000.00	$ 8,000.00	$ -	$ -	$ 40,000.00	$ 40,000.00
Indemnification	LS	0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Preconstruction Video	LS	1	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Maintenance of Traffic	LS	1	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 20,000.00	$ 20,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00
Furnish & Install Vacuum Main																				
4" PVC pipe	LF	6777	$ 32.25	$ 218,558.25	$ 36.00	$ 243,972.00	$ 40.00	$ 271,080.00	$ 40.00	$ 271,080.00	$ 46.00	$ 311,742.00	$ 46.00	$ 311,742.00	$ 44.00	$ 298,188.00	$ 46.00	$ 311,742.00	$ 46.00	$ 311,742.00
6" PVC pipe	LF	0	$ 36.00	$ -	$ 36.50	$ -	$ 41.00	$ -	$ 41.00	$ -	$ 53.50	$ -	$ 53.50	$ -	$ 49.00	$ -	$ 53.50	$ -	$ 53.50	$ -
8" PVC pipe	LF	0	$ 36.50	$ -	$ 38.00	$ -	$ 42.00	$ -	$ 42.00	$ -	$ 59.50	$ -	$ 59.50	$ -	$ 59.50	$ -	$ 59.50	$ -	$ 59.50	$ -
10" PVC pipe	LF	0	$ 38.00	$ -	$ 42.50	$ -	$ 46.00	$ -	$ 46.00	$ -	$ 65.00	$ -	$ 65.00	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
Furnish & Install Division Valves																				
4-inch	EA	5	$ 900.00	$ 4,500.00	$ 900.00	$ 4,500.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 950.00	$ 4,750.00	$ 1,000.00	$ 5,000.00
6-inch	EA	0	$ 1,000.00	$ -	$ 1,000.00	$ -	$ 1,300.00	$ -	$ 1,300.00	$ -	$ 1,300.00	$ -	$ 1,300.00	$ -	$ 1,300.00	$ -	$ 1,025.00	$ -	$ 1,200.00	$ -
8-inch	EA	1	$ 1,750.00	$ 1,750.00	$ 1,750.00	$ 1,750.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00
10-inch	EA	0	$ 1,850.00	$ -	$ 1,850.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ -	$ -	$ 2,500.00	$ -
Install Vacuum Sewer Collection Pits																				
5-foot pit	EA	0	$ 800.00	$ -	$ 800.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -
6.5-foot pit	EA	38	$ 800.00	$ 30,400.00	$ 800.00	$ 30,400.00	$ 2,600.00	$ 98,800.00	$ 2,600.00	$ 98,800.00	$ 2,400.00	$ 91,200.00	$ 2,400.00	$ 91,200.00	$ 2,600.00	$ 98,800.00	$ 2,400.00	$ 91,200.00	$ 2,400.00	$ 91,200.00
7.5-foot pit	EA	0	$ 900.00	$ -	$ 900.00	$ -	$ 2,700.00	$ -	$ 2,700.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 3,000.00	$ -	$ -	$ -	$ 2,500.00	$ -
Furnish and Install Buffer Tank	EA	0	$ 2,900.00	$ -	$ 2,900.00	$ -	$ 6,000.00	$ -	$ 6,000.00	$ -	$ 5,000.00	$ -	$ 5,000.00	$ -	$ 5,000.00	$ -	$ -	$ -	$ 6,000.00	$ -
F & I 3-inch Vac Connection to pits	LF	785	$ 29.00	$ 22,765.00	$ 29.00	$ 22,765.00	$ 45.00	$ 35,325.00	$ 45.00	$ 35,325.00	$ 50.00	$ 39,250.00	$ 50.00	$ 39,250.00	$ 45.00	$ 35,325.00	$ 45.00	$ 35,325.00	$ 50.00	$ 39,250.00
F & I Vac Sewer Dedicated Air Intakes vertical	EA	38	$ 700.00	$ 26,600.00	$ 700.00	$ 26,600.00	$ 500.00	$ 19,000.00	$ 500.00	$ 19,000.00	$ 350.00	$ 13,300.00	$ 350.00	$ 13,300.00	$ 500.00	$ 19,000.00	$ 500.00	$ 19,000.00	$ 350.00	$ 13,300.00
F & I 6 inch PVC Cleanout	EA	98	$ 650.00	$ 63,700.00	$ 650.00	$ 63,700.00	$ 475.00	$ 46,550.00	$ 475.00	$ 46,550.00	$ 470.00	$ 46,060.00	$ 470.00	$ 46,060.00	$ 400.00	$ 39,200.00	$ 525.00	$ 51,450.00	$ 525.00	$ 51,450.00
F & I 6 inch Vac Sewer Laterals	LF	1855	$ 36.00	$ 66,780.00	$ 36.00	$ 66,780.00	$ 53.35	$ 98,964.25	$ 53.35	$ 98,964.25	$ 53.00	$ 98,315.00	$ 53.00	$ 98,315.00	$ 53.35	$ 98,964.25	$ 53.35	$ 98,964.25	$ 53.35	$ 98,964.25
Surface Restoration																				
Asphalt Type 1	LF	5860	$ 13.00	$ 76,180.00	$ 13.00	$ 76,180.00	$ 50.00	$ 293,000.00	$ 50.00	$ 293,000.00	$ 50.00	$ 293,000.00	$ 50.00	$ 293,000.00	$ 50.00	$ 293,000.00	$ 53.00	$ 310,580.00	$ 53.00	$ 310,580.00
Asphalt Overlay	SY	3955	$ 9.00	$ 35,595.00	$ 9.00	$ 35,595.00	$ 13.50	$ 53,392.50	$ 13.50	$ 53,392.50	$ 13.50	$ 53,392.50	$ 13.50	$ 53,392.50	$ 13.00	$ 51,415.00	$ 13.50	$ 53,392.50	$ 13.50	$ 53,392.50
Limerock 8" Thick	LF	0	$ 34.50	$ -	$ 34.50	$ -	$ 34.50	$ -		$ -	$ 34.50	$ -	$ 34.50	$ -		$ -	$ 31.50	$ -	$ 34.50	$ -
Asphalt Milling (Min) <1400 SY	LS	0		$ -		$ -		$ -		$ -	$ 3,500.00	$ -	$ 3,500.00	$ -		$ -		$ -		$ -
Asphalt Milling	SY	0		$ -		$ -		$ -		$ -	$ 2.55	$ -	$ 2.55	$ -		$ -		$ -		$ -
			Total	$ 597,828.25	Total	$ 623,242.00	Total	$ 957,611.75	Total	$ 957,611.75	Total	$ 957,759.50	Total	$ 957,759.50	Total	$ 978,392.25	Total	$ 1,017,903.75	Total	$ 1,056,378.75
Number of EDUs =			141	$ 4,239.92		$ 4,420.16		$ 6,791.57		$ 6,791.57		$ 6,792.62		$ 6,792.62		$ 6,938.95		$ 7,219.18		$ 7,492.05

Proposed price per EDU = $ 6,791.57

Bid price per connection for Marathon Area 3 = $ 6,862.19 See attached calculation

Budget price for collection system per EDU = $ 8,000.00

Basin I Phase 3

comparing because later in time

Description	Units	Qty	Redland - F4F5 Proposal		Redland - E1E2F1 Bid		Fountain I4 - Proposal		LaRocco - I3 Proposal		Metro - F3 Proposal		Metro - G1H Proposal		LaRocco - F2 Proposal		Fountain C3 - Proposal		Fountain A1 - Bid	
			Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $
Mobilization	LS	1	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ -	$ -	$ -	$ -	$ 8,000.00	$ 8,000.00	$ -	$ -	$ 40,000.00	$ 40,000.00
Indemnification	LS	0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Preconstruction Video	LS	1	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Maintenance of Traffic	LS	1	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 2,500.00	$ 20,000.00	$ 20,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00
Furnish & Install Vacuum Main																				
4" PVC pipe	LF	5920	$ (32.25)	$ 190,920.00	$ 36.00	$ 213,120.00	$ 40.00	$ 236,800.00	$ 40.00	$ 236,800.00	$ 46.00	$ 272,320.00	$ 46.00	$ 272,320.00	$ 44.00	$ 260,480.00	$ 46.00	$ 272,320.00	$ 46.00	$ 272,320.00
6" PVC pipe	LF	1212	$ 36.00	$ 43,632.00	$ 36.50	$ 44,238.00	$ 41.00	$ 49,692.00	$ 41.00	$ 49,692.00	$ 53.50	$ 64,842.00	$ 53.50	$ 64,842.00	$ 49.00	$ 59,388.00	$ 53.50	$ 64,842.00	$ 53.50	$ 64,842.00
8" PVC pipe	LF	0	$ 36.50	$ -	$ 38.00	$ -	$ 42.00	$ -	$ 42.00	$ -	$ 59.50	$ -	$ 59.50	$ -	$ 59.50	$ -	$ 59.50	$ -	$ 59.50	$ -
10" PVC pipe	LF	0	$ 38.00	$ -	$ 42.50	$ -	$ 46.00	$ -	$ 46.00	$ -	$ 65.00	$ -	$ 65.00	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
Furnish & Install Division Valves																				
4-inch	EA	8	$ 900.00	$ 7,200.00	$ 900.00	$ 7,200.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00	$ 1,000.00	$ 8,000.00	$ 950.00	$ 7,600.00	$ 1,000.00	$ 8,000.00
6-inch	EA	2	$ 1,000.00	$ 2,000.00	$ 1,000.00	$ 2,000.00	$ 1,300.00	$ 2,600.00	$ 1,300.00	$ 2,600.00	$ 1,300.00	$ 2,600.00	$ 1,300.00	$ 2,600.00	$ 1,300.00	$ 2,600.00	$ 1,025.00	$ 2,050.00	$ 1,200.00	$ 2,400.00
8-inch	EA	0	$ 1,750.00	$ -	$ 1,750.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -
10-inch	EA	0	$ 1,850.00	$ -	$ 1,850.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ -	$ -	$ 2,500.00	$ -
Install Vacuum Sewer Collection Pits																				
5-foot pit	EA	0	$ 800.00	$ -	$ 800.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -
6.5-foot pit	EA	62	$ 800.00	$ 49,600.00	$ 800.00	$ 49,600.00	$ 2,600.00	$ 161,200.00	$ 2,600.00	$ 161,200.00	$ 2,400.00	$ 148,800.00	$ 2,400.00	$ 148,800.00	$ 2,600.00	$ 161,200.00	$ 2,400.00	$ 148,800.00	$ 2,400.00	$ 148,800.00
7.5-foot pit	EA	0	$ 900.00	$ -	$ 900.00	$ -	$ 2,700.00	$ -	$ 2,700.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 3,000.00	$ -	$ -	$ -	$ 2,500.00	$ -
Furnish and Install Buffer Tank	EA	3	$ 2,900.00	$ 8,700.00	$ 2,900.00	$ 8,700.00	$ 6,000.00	$ 18,000.00	$ 6,000.00	$ 18,000.00	$ 5,000.00	$ 15,000.00	$ 5,000.00	$ 15,000.00	$ 5,000.00	$ 15,000.00	$ -	$ -	$ 6,000.00	$ 18,000.00
F & I 3-inch Vac Connection to pits	LF	1843	$ 29.00	$ 53,447.00	$ 29.00	$ 53,447.00	$ 45.00	$ 82,935.00	$ 45.00	$ 82,935.00	$ 50.00	$ 92,150.00	$ 50.00	$ 92,150.00	$ 45.00	$ 82,935.00	$ 45.00	$ 82,935.00	$ 50.00	$ 92,150.00
F & I Vac Sewer Dedicated Air Intakes Vertical	EA	65	$ 700.00	$ 45,500.00	$ 700.00	$ 45,500.00	$ 500.00	$ 32,500.00	$ 500.00	$ 32,500.00	$ 350.00	$ 22,750.00	$ 350.00	$ 22,750.00	$ 500.00	$ 32,500.00	$ 500.00	$ 32,500.00	$ 350.00	$ 22,750.00
F & I 6 inch PVC Cleanout	EA	178	$ 650.00	$ 115,700.00	$ 650.00	$ 115,700.00	$ 475.00	$ 84,550.00	$ 475.00	$ 84,550.00	$ 470.00	$ 83,660.00	$ 470.00	$ 83,660.00	$ 400.00	$ 71,200.00	$ 525.00	$ 93,450.00	$ 525.00	$ 93,450.00
F & I 6 inch Vac Sewer Laterals	LF	3678	$ 36.00	$ 132,408.00	$ 36.00	$ 132,408.00	$ 53.35	$ 196,221.30	$ 53.35	$ 196,221.30	$ 53.00	$ 194,934.00	$ 53.00	$ 194,934.00	$ 53.35	$ 196,221.30	$ 53.35	$ 196,221.30	$ 53.35	$ 196,221.30
Surface Restoration																				
Asphalt Type 1	LF	5525	$ 13.00	$ 71,825.00	$ 13.00	$ 71,825.00	$ 50.00	$ 276,250.00	$ 50.00	$ 276,250.00	$ 50.00	$ 276,250.00	$ 50.00	$ 276,250.00	$ 50.00	$ 276,250.00	$ 53.00	$ 292,825.00	$ 53.00	$ 292,825.00
Asphalt Overlay	SY	1770	$ 9.00	$ 15,930.00	$ 9.00	$ 15,930.00	$ 13.50	$ 23,895.00	$ 13.50	$ 23,895.00	$ 13.50	$ 23,895.00	$ 13.50	$ 23,895.00	$ 13.00	$ 23,010.00	$ 13.50	$ 23,895.00	$ 13.50	$ 23,895.00
Limerock 8" Thick	LF	0	$ 34.50	$ -	$ 34.50	$ -	$ 31.50	$ -		$ -	$ 34.50	$ -	$ 34.50	$ -		$ -	$ 31.50	$ -	$ 34.50	$ -
Asphalt Milling (Min) <1400 SY	LS	0		$ -		$ -		$ -		$ -	$ 3,500.00	$ -	$ 3,500.00	$ -		$ -		$ -		$ -
Asphalt Milling	SY	0		$ -		$ -		$ -		$ -	$ 2.55	$ -	$ 2.55	$ -		$ -		$ -		$ -
			Total	$ 787,862.00	Total	$ 810,668.00	Total	$ 1,207,643.30	Total	$ 1,207,643.30	Total	$ 1,210,201.00	Total	$ 1,210,201.00	Total	$ 1,226,784.30	Total	$ 1,257,438.30	Total	$ 1,315,653.30
				$ 4,426.19		$ 4,554.31		$ 6,784.51		$ 6,784.51		$ 6,798.88		$ 6,798.88		$ 6,892.05		$ 7,064.26		$ 7,391.31

Proposed price per connection = $ 6,784.51

Bid price per connection for Marathon Area 3 = $ 6,862.15 See attached calculation

Budget price for collection system per EDU = $ 8,000.00

Basin I Phase 5

same as their bid prices

Award

Description	Units	Qty	Redland - F4F5 Proposal		Redland - E1E2F1 Bid		Fountain I4 - Proposal		LaRocco - I5 Proposal		Metro - F3 Proposal		LaRocco - F2 Proposal		Fountain C3 - Proposal		Fountain A1 - Bid	
			Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $	Unit $	Total $
Mobilization	LS	1	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ -	$ -	$ 8,000.00	$ 8,000.00	$ -	$ -	$ 40,000.00	$ 40,000.00
Indemnification	LS	0	$ -	$ -	$	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Preconstruction Video	LS	1	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 2,500.00	$ 2,500.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Maintenance of Traffic	LS	1	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 2,500.00	$ 2,500.00	$ 20,000.00	$ 20,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00	$ 30,000.00
Furnish & Install Vacuum Main																		
4" PVC pipe	LF	3103	$ 32.25	$ 100,071.75	$ 36.00	$ 111,708.00	$ 40.00	$ 124,120.00	$ 40.00	$ 124,120.00	$ 46.00	$ 142,738.00	$ 44.00	$ 136,532.00	$ 46.00	$ 142,738.00	$ 46.00	$ 142,738.00
6" PVC pipe	LF	0	$ 36.00	$ -	$ 36.50	$ -	$ 41.00	$ -	$ 41.00	$ -	$ 53.50	$ -	$ 49.00	$ -	$ 53.50	$ -	$ 53.50	$ -
8" PVC pipe	LF	0	$ 36.50	$ -	$ 38.00	$ -	$ 42.00	$ -	$ 42.00	$ -	$ 59.50	$ -	$ 59.50	$ -	$ 59.50	$ -	$ 59.50	$ -
10" PVC pipe	LF	0	$ 38.00	$ -	$ 42.50	$ -	$ 46.00	$ -	$ 46.00	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -	$ 67.50	$ -
Furnish & Install Division Valves																		
2-inch	EA	2																
3-inch	EA	1																
4-inch	EA	5	$ 900.00	$ 4,500.00	$ 900.00	$ 4,500.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 1,000.00	$ 5,000.00	$ 950.00	$ 4,750.00	$ 1,000.00	$ 5,000.00
6-inch	EA	0	$ 1,000.00	$ -	$ 1,000.00	$ -	$ 1,300.00	$ -	$ 1,300.00	$ -	$ 1,300.00	$ -	$ 1,300.00	$ -	$ 1,025.00	$ -	$ 1,200.00	$ -
8-inch	EA	0	$ 1,750.00	$ -	$ 1,750.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -	$ 1,500.00	$ -
10-inch	EA	0	$ 1,850.00	$ -	$ 1,850.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ -	$ -	$ 2,500.00	$ -
Install Vacuum Sewer Collection Pits																		
5-foot pit	EA	0	$ 800.00	$ -	$ 800.00	$ -	$ 2,500.00	$ -	$ 2,500.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -	$ 2,300.00	$ -
6.5-foot pit	EA	26	$ 800.00	$ 20,800.00	$ 800.00	$ 20,800.00	$ 2,600.00	$ 67,600.00	$ 2,600.00	$ 67,600.00	$ 2,400.00	$ 62,400.00	$ 2,600.00	$ 67,600.00	$ 2,400.00	$ 62,400.00	$ 2,400.00	$ 62,400.00
7.5-foot pit	EA	0	$ 900.00	$ -	$ 900.00	$ -	$ 2,700.00	$ -	$ 2,700.00	$ -	$ 2,500.00	$ -	$ 3,000.00	$ -	$ -	$ -	$ 2,500.00	$ -
Furnish and Install Buffer Tank	EA	0	$ 2,900.00	$ -	$ 2,900.00	$ -	$ 6,000.00	$ -	$ 6,000.00	$ -	$ 5,000.00	$ -	$ 5,000.00	$ -	$ -	$ -	$ 6,000.00	$ -
F & I 3-inch Vac Connection to pits	LF	663	$ 29.00	$ 19,227.00	$ 29.00	$ 19,227.00	$ 45.00	$ 29,835.00	$ 45.00	$ 29,835.00	$ 50.00	$ 33,150.00	$ 45.00	$ 29,835.00	$ 45.00	$ 29,835.00	$ 50.00	$ 33,150.00
F & I Vac Sewer Dedicated Air Intakes vertical	EA	26	$ 700.00	$ 18,200.00	$ 700.00	$ 18,200.00	$ 500.00	$ 13,000.00	$ 500.00	$ 13,000.00	$ 350.00	$ 9,100.00	$ 500.00	$ 13,000.00	$ 500.00	$ 13,000.00	$ 350.00	$ 9,100.00
F & I 6 inch PVC Cleanout	EA	89	$ 650.00	$ 57,850.00	$ 650.00	$ 57,850.00	$ 475.00	$ 42,275.00	$ 475.00	$ 42,275.00	$ 470.00	$ 41,830.00	$ 400.00	$ 35,600.00	$ 525.00	$ 46,725.00	$ 525.00	$ 46,725.00
F & I 6 inch Vac Sewer Laterals	LF	2133	$ 36.00	$ 76,788.00	$ 36.00	$ 76,788.00	$ 53.35	$ 113,795.55	$ 53.35	$ 113,795.55	$ 53.00	$ 113,049.00	$ 53.35	$ 113,795.55	$ 53.35	$ 113,795.55	$ 53.35	$ 113,795.55
Furnish & Install Gravity Collection System																		
8-inch PVC gravity mains	LF	2480																
Sanitary Sewer Manhole	EA	13																
6-inch Grav Sewer Laterals	LF	2133	$ 36.00	$ 76,788.00	$ 36.00	$ 76,788.00	$ 53.35	$ 113,795.55	$ 53.35	$ 113,795.55	$ 53.00	$ 113,049.00	$ 53.35	$ 113,795.55	$ 53.35	$ 113,795.55	$ 53.35	$ 113,795.55
Furnish & Install Pumping & Transmission																		
Sanitary Sewer Lift Station	LS	2																
2-inch HDPE force main	LF	530																
3-inch HDPE force main	LF	370																
6-inch HDPE force main	LF	20																
Surface Restoration																		
Asphalt Type 1	LF	5795	$ 13.00	$ 75,335.00	$ 13.00	$ 75,335.00	$ 50.00	$ 289,750.00	$ 50.00	$ 289,750.00	$ 50.00	$ 289,750.00	$ 50.00	$ 289,750.00	$ 53.00	$ 307,135.00	$ 53.00	$ 307,135.00
Asphalt Overlay	SY	0	$ 9.00	$ -	$ 9.00	$ -	$ 13.50	$ -	$ 13.50	$ -	$ 13.50	$ -	$ 12.00	$ -	$ 13.50	$ -	$ 13.50	$ -
Limerock 8" Thick	LF	0	$ 34.50	$ -	$ 34.50	$ -	$ 34.50	$ -		$ -	$ 34.50	$ -		$ -	$ 34.50	$ -	$ 34.50	$ -
Asphalt Milling (Min) <1400 SY	LS	0		$ -		$ -		$ -		$ -	$ 3,500.00	$ -		$ -		$ -		$ -
Asphalt Milling	SY	0		$ -		$ -		$ -		$ -	$ 2.55	$ -		$ -		$ -		$ -
			Total	$ 500,559.75	Total	$ 512,196.00	Total	$ 834,171.10	Total	$ 834,171.10	Total	$ 815,066.00	Total	$ 842,908.10	Total	$ 874,174.10	Total	$ 913,839.10
				$ 5,624.27		$ 5,755.01		$ 9,372.71		9,372.71		$ 9,158.04		$ 9,470.88		$ 9,822.18		$ 10,267.86

Proposed price per connection = $ 9,372.71

Bid price per connection for Marathon Area 3 = $ 6,862.19 See attached calculation

Budget price for collection system per EDU = $ 8,000.00