

# DPU AGENCY ECONOMIC INCLUSION PLAN



**2016 - 2017**  
**America's Opportunity City**

THE CITY OF  
**COLUMBUS**  
ANDREW J. GINTHER, MAYOR

DEPARTMENT OF  
PUBLIC UTILITIES

**Tracie Davies, Director**

**June 1, 2016**

Dear Small Business Community:

As I begin my first term as Mayor of Columbus, I am reminded that the greatness of our community is derived from the success of our people. That is why I pledge to make my administration the most diverse and transparent as possible. Therefore, I created the Office of Diversity and Inclusion to assure community engagement, dialogue, and outreach will improve the lives of Columbus residents. The office, under the leadership of Steve Francis, will strengthen the impact and effectiveness of our equal business opportunity operations and work closely with city departments to develop a recruitment, retention, promotion, and development plan to support diversity within our workforce.



Columbus' diversity effort includes the 2016 Department of Public Utilities Agency Economic Inclusion Plan. The plan is our invitation to you – Columbus' small, minority, and female owned businesses – to take part in contracting opportunities and vendor payments that will grow these important sectors of our local economy. Procurement opportunities come in all shapes and sizes, ranging from professional consulting to the provision of supplies and services. Whether your goal is to prime or to subcontract, my administration's commitment is to make contracting accessible to the largest number of businesses possible.

Columbus is America's Opportunity City because we invest in the infrastructure that builds safe and strong neighborhoods and, at Public Utilities, we recognize that when small, minority, and female businesses succeed, our entire city wins.

Sincerely,

A handwritten signature in blue ink that reads "Andrew J. Ginther". The signature is fluid and cursive.

**Andrew J. Ginther**  
Mayor, City of Columbus

## Introduction

DPU continues to be at the heart of the infrastructure of Columbus City services. We have proudly provided our community with safe drinking water, environmentally sound sewage treatment and storm drainage systems, street lighting, and municipal power since before the turn of the century. Serving more than one million people living and working in the Central Ohio area, with expectations of our population doubling by the year 2020, DPU plays a vital role in our community's economic growth and Mayor Ginther's plan to build strong and safe neighborhoods.



DPU is made up of three divisions: the Division of Water, the Division of Sewerage and Drainage, and the Division of Power. The Division of Water treats and distributes quality drinking water to approximately 270,000 customers; collects and treats wastewater; and maintains the City's stormwater collection system. The Division of Power provides electricity to approximately 13,000 customers and 51,000 street lights; and the Division of Sewerage and Drainage operates two Wastewater Treatment Plants (WWTP). Additionally, the Department maintains a Compost Facility; Sewer Maintenance Operations Center (SMOC); three Water Treatment Plants (WTP); and sewage and stormwater collection, water distribution, and electrical systems that service the City of Columbus and its surrounding communities.

Diversity and inclusion are organizational values that extend to our workforce of over 1200 employees and procurement activity with minority and female owned businesses. This Agency Economic Inclusion Plan is intended to serve as an overview of our 2016 contracting opportunities as well as an invitation to those business enterprises wishing to access them.

## Meet The Department Of Public Utilities Leadership



### The Director

Tracie Davies was named the City of Columbus Director of Public Utilities (DPU) in January 2016. Prior to joining DPU, Director Davis served as Director of the Department of Public Service beginning in July 2013. Director Davies joined the City of Columbus in 2008 as an Assistant Director of Development and became the first Director of the Department of Building and Zoning Services in 2010.

Prior to joining the City of Columbus, Director Davies served as Director of Public Service for the City of Marysville from 2002 to 2008. Director Davies also served as an Assistant Director of Public Service and Assistant to the Mayor for the City of Gahanna, as well as Infrastructure Project Manager for the Greater Columbus Chamber of Commerce.

## Office of Workforce and Economic Development

DPU has established key leadership within the Department's Director's Office to support increasing small, minority and female business contracting.



**Keena M. Smith, Assistant Director, Workforce and Economic Development/Diversity Officer**

Keena Smith, MPA is responsible for execution of this Plan as well as leading strategy and policy development; relationship management efforts focused on small business and diverse supplier inclusion; monitoring and reporting on progress of the plan; and articulating its importance to internal and external stakeholders. Keena earned her Master of Public Administration degree from what is now The John Glenn College at The Ohio State University. Keena can be reached at [kmsmith@columbus.gov](mailto:kmsmith@columbus.gov).

### Workforce and Economic Development Managers

This team is responsible for monitoring and reporting contract compliance and vendor utilization, as well as coordinating outreach and business development activities.



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### **Division of Power**

Kristian Fenner, MBA, is the Acting Administrator for the Division of Power. Kristian is responsible for the direction of the division which sells electricity to approximately 13,000 customers to fund the city's street lighting system. Kristian oversees customer development, marketing, and other revenue growth activities for the division. She is also actively involved with the Department of Public Utilities' Diversity and Inclusion committee and the Mayor's Green Team. Prior to joining the City, she worked with the senior leadership of American Electric Power to develop and implement the annual strategic business plan, disaster recovery, and incentive compensation plans for the nearly 5,000 employees within the generation organization. Kristian earned her Bachelor degree in Humanities from The Ohio State University and a Master of Business Administration from Franklin University.



### **Division of Sewers and Drains**

John Newsome, P.E., is the Administrator of the Division of Sewerage & Drainage for the City of Columbus Department of Public Utilities; he was named to fill this position in January 2016. John previously was the Assistant Administrator in the Division of Power where he helped create a first-of-its-kind long term Capital Improvement Plan of more than \$54 million to help better meet the needs of residents and businesses. Previously, John worked as a Sewer Engineering Sections Manager and served as a member of the steering team for Blueprint Columbus, the City's holistic approach to wet weather overflows. John also served as section manager to the OARS project, the largest Capital project in the history of the City.



### **Division of Water**

Rick Westerfield has worked in the water, wastewater, and environmental industry for a total of 39 years. He worked for Woolpert Consultants for 8 years, and then went to the City of Dayton as a Wastewater Treatment Engineer before becoming the Sanitary Engineering Deputy Director for Montgomery County for 15 years. He has been the Administrator for Columbus Division of Water since 2005. Rick is a professional engineer and a graduate of the University of Cincinnati with a Master's degree in Civil and Environmental Engineering. He also has a Ph.D. in Public Administration.

Rick is married to a grade school teacher and has three daughters whose occupations are civil engineer, anesthesiologist and biomedical engineer. He is a life member of AWWA, a member of Water Environment Federation, and American Society of Civil Engineers.



### **Fiscal Operations**

Jonathan S. Lee is an Assistant Director over Fiscal Operations with the Department. Previously he was the Capital Fiscal Manager for the Department from 2010 to 2014. He has over 15 years of experience in financial management and analysis working at both the state and local government levels. He has a Master's Degree in Public Administration from the University of Akron, as well as a Certificate in Accounting.

## Outreach Activities



DPU collaborates with our construction management firms on outreach events that provide small businesses the opportunity to network with prime contractors on larger bidding opportunities.

To further supplement these events, in collaboration with the City's Equal Business Opportunity office, DPU plans the following outreach and engagement activities for small business enterprises:

- ❖ Engage in and host events that support, promote and educate small businesses and diverse suppliers;
- ❖ Execute a department on-boarding process that familiarizes qualified vendors with DPU opportunities, business processes, and key points of contact;
- ❖ Host meetings, workshops, and events to deepen vendor's technical understanding of how to do business with DPU and prime contractors;
- ❖ Coordinate one-on-one presentations for certified, qualified small businesses with DPU buyers and others in the procurement process; and
- ❖ Maintain a repository of resources and subject matter experts to assist vendors in expanding their business and leadership capacity as it pertains to doing business in the public utility sector.

### *Additional activities include the following:*

- Work with minority-focused and small business groups that support SMFBE and small business inclusion in the solicitation of bids. These groups include the Columbus Chamber, Central Ohio Minority Business Association, Hispanic Chamber of Columbus, Asian American Commerce Group, Ohio PTAC, Ohio Small Business Development Center at Columbus State Community College, the Small Business Administration (SBA), and others as they become available and known to DPU.
- Emphasize the importance of soliciting certified, bondable SMFBE firms for subcontracting opportunities at pre-bid conferences and in the bid documents. Examine specifications to identify special subcontracting opportunities and strongly encourage prime contractors to solicit bids for subcontracts from SMFBE firms.
- Assess the effectiveness of the department's SMFBE efforts and identify opportunities to enhance it by evaluating participation and compliance, and reviewing the "good faith efforts" provided in bid packages. Feedback is given to bidders regarding their "good faith efforts" submitted in the bid packages.
- Increase awareness of contracting opportunities at DPU through participation in trade shows and business organizations of interest to prime contractors and small businesses, provide information to the general public about DPU's contracting opportunities, and continue outreach efforts to the business community.



- Make available to minority-focused agencies a list of subcontracting opportunities when they are identified and a list of prime bidders that subcontractors may wish to contact for subcontracting consideration.
- Help build relationships between minority and majority contractors.
- Work with providers of goods and services to build awareness of potential business opportunities for contractors and subcontractors.

## Opportunity Highlights

### SMALL CAPITAL PROJECTS PROGRAM

The Office of Workforce & Economic Development (WED) and engineering teams from the Water and Wastewater divisions collaborate on the Small Capital Projects, or SMALL CAPS Program. The SMALL CAPS Program is a strategy to assist the department in reducing barriers to small business participation by unbundling traditionally larger projects into smaller, more feasible opportunities for which small business can compete. Through an RFP bidding process, a program construction management contract will be awarded in the Fall of 2016 to manage these projects for 2016 – 2019.

### Green Infrastructure Workforce Development

The City of Columbus' Green Infrastructure Workforce Development (GIWFD) Training Program, targeting hard-to-employ populations, has the potential to address poverty and unemployment within the community and promote the development of small, minority and female-owned businesses through Blueprint Columbus contracts.

The program consists of a six-week, 72-hour training curriculum structured around the livable-wage jobs that will be created as a result of the City's implementation of green infrastructure. Participation in the program is open to all; however, the Columbus Urban League (CUL), Huckleberry House, and Alvis, Inc. (Alvis) assist with participant recruitment and selection into the program. Graduates of the program receive a training certificate, recognized by the City as equivalent to previous experience in Blueprint construction bids, and are offered intense placement assistance in securing a green infrastructure job either with the City or a private entity.



With two classes completed since its inception Spring 2015, thirty eight (38) participants including eight (8) small business representatives have successfully graduated from the program, respectively. Grant funding for the program is being provided from both the Ohio Environmental Protection Agency (OEPA) and the United States Environmental Protection Agency (USEPA).

Upon Spring 2015 graduation, 99% of its graduates were gainfully employed. In addition, six 2015 graduates launched Alvis' first social enterprise, Nature's Touch Landscaping and Lawn Care. Our 2016 graduates consist of CUL, Alvis and IMPACT participants, professional landscapers, engineers and students. The third GIWFD Program is slated to commence in September 2016.

For more information, contact Cynthia Jacobsen, T & M Associates at: [CJacobsen@tandmassociates.com](mailto:CJacobsen@tandmassociates.com).

## Policy Statement

DPU proactively complies with the policy frame work for inclusion and outreach to minority and female business enterprises as prescribed in Columbus City Code Title 39. The Department seeks to maintain transparent and open bidding processes with the desired outcome of making contract opportunities available to historically underutilized companies in procurement of goods and services, professional services, and construction services.

## Purchasing Process

The procurement of goods and services, professional services and construction services managed by DPU are done through established internal procedures and Columbus City Code Section 329.

Below are overviews of Public Utilities' internal procurement processes for professional services and construction. Exhibits attached to this plan contain the full sections of the Departmental budget related to procurement for each area.

### A. Professional Service Contracts

The Fiscal section within the Department of Public Utilities is responsible for the tasks associated with the procurement of design and engineering services. Their responsibilities include competitively procuring the professional services and processing the legislation and contract documents. The Fiscal Section receives approved information from the Division of Water, Division of Power or the Division of Sewerage and Drainage, handles competitive procurement and contract tasks, and then hands the project off to the division Project Managers to set up and convene the project kick-off meeting.



Public Utilities has the option to use the Letter of Intent/Statement of Qualifications (LOI/SOQ) process, followed by issuing Requests for Proposals (RFP) from at least three short listed firms, or to only request RFPs from interested consultants. The tasks for advertising through the consultant selection committee are the same for both processes. The processes diverge when the documents are received, as how they are processed and the follow up steps are different. The processes converge again with the Director's final direction through the completion of the tasks contract. A full description of all procurement processes associated with professional services procurement procedures can be found in Columbus City Code 329.

### B. Construction Contracts

The Fiscal Section within the Department of Public Utilities coordinates with the divisions and the Economic Development staff to implement the tasks associated with competitive sealed bid construction services procurement. Fiscal section responsibilities include bid packet advertising, publishing a notice of addenda on Vendor Services, hosting pre-bid meetings, opening bids, bid reviews and award are coordinated between the divisions and the ED staff. Columbus City Code 329 contains a full description of construction procurement procedures.

### C. Goods and Services

The Fiscal section within DPU and each division has the authority to procure goods (commodities such as electrical supplies) and services (ex. janitorial services) for the Department. The Department utilizes Universal Term Contracts (UTCs) for a portion of these purchases and generally coordinates with the Citywide Purchasing Office for these purchases. Procurement practices for goods up to \$1000 and nonprofessional services can include requests for quotes and Invitation to Bid (ITB).

## Construction Prequalification

Effective January 01, 2015, the City of Columbus implemented a construction prequalification program that applies to many of DPU's vendors, including many of our small business enterprises. Per the city code (Section 329.21(g)), only potential bidders prequalified responsible or prequalified provisionally responsible or prequalified provisionally responsible by bid due date may subcontract or perform on city construction service work. No business entity prequalified not responsible may receive or perform city construction service work. Prequalification applications are accepted January 1st through October 31st each year. For a prequalification application or to learn more about requirements, contact the Office of Construction Prequalification at 614-645-0359 or visit [www.columbus.gov/prequalification](http://www.columbus.gov/prequalification).

## Bid Xpress

As of January 2016, all City of Columbus departments advertising construction projects and receiving bids will do so using the electronic bidding service Bid Express. Bid Express provides significant time and cost saving to both the City and contractors by automating many manual processes, eliminating the need for contractors to travel to submit bids in person, eliminating math and clerical errors, and informing contractors when all information is/is-not included. It also allows contractors to submit sealed, secure bids and bid bonds over the internet, and to update bids right up to the bid closing deadline.

A digital ID from Bid Express, a bidder's unique identifier, is required to submit bids. That verification process can take up to 5 business days, so bidders are encouraged to start the process well in advance of the bid closing date. Bidders who wish to learn more about the Bid Express service or to sign up for an account can visit the Bid Express website at [www.bidexpress.com](http://www.bidexpress.com).



## U.S. EPA Loan Program

The U.S. EPA has a program to encourage the participation of disadvantaged businesses in the construction activities funded by the Clean Water and Drinking Water State Revolving Funds (SRF's). "DBE" is an all-inclusive term that includes Minority Business Enterprises (MBE), Women Business Enterprises (WBE), Small Business Enterprises (SBE), and other entities defined as socially and/or economically disadvantaged. While the Water Pollution Control Loan Fund (WPCLF) and the Water Supply Revolving Loan Account (WSRLA) strongly encourage participation by all disadvantaged groups, specific participation goals are negotiated with U.S. EPA only for Minority Business Enterprises and Women's Business Enterprises.



As a condition of receiving capitalization grants from U.S. EPA for the WPCLF and WSRLA, the Ohio EPA negotiates "fair share" Disadvantaged Business Enterprises (DBE) objectives with U.S. EPA. The current negotiated goals for construction related activities are 1.2% of all contracts to MBE's and 1.8% of all contracts to WBE's.

## Projected 2016 Expenditures

The 2016 - 2017 Capital Improvement Budget (CIB) and 2016 Operating Budget for the Department of Public Utilities are attached to this Agency Economic Inclusion Plan.

The Operating Budget identifies known expenses, expected future costs, and forecasted income. The CIB identifies all commodities, equipment, professional services and construction opportunities that are available for competitive bidding for small and minority businesses.

The eligible budget listed excludes all payments for items that cannot be competitively procured such as payments to other governmental entities, utility payments and modifications to existing contracts.



**Below is a summary of these totals:**

Total 2016 CIB for Public Utilities	\$ 290,028,679
Operating Expenditures	\$ 39,306,962
<b>Eligible 2016 Expenditures for Public Utilities</b>	<b>\$ 329,335,641</b>

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## Appendix A – Capital Improvement Budget Projects

*Reflects bid opportunities typically over \$20,000*

Description of Item to Bid	Type of Project	Project Manager	Funding Source	Estimated Bid Date	Estimated Total Cost	Intended Procurement Method	Project No.
Southside Lions Park Street Lighting	Construction	Chris Vogel	BOND	July	\$123,050	Formal Bid	440007-100008
Broad Meadows Street Lighting - Underground	Construction	Scott Wolfe	BOND	July	\$107,575	Formal Bid	670778-100001
South Westgate/Sylvan Street Lighting	Construction	Chris Vogel	BOND	July	\$651,360	Formal Bid	670781-100000
Laurel Canyon Street Lighting	Construction	Scott Wolfe	BOND	August	\$152,000	Formal Bid	670786-100000
Hall Rd Street Lighting	Construction	Christopher Storts	BOND	September	\$235,520	Formal Bid	670845-100000
Dublin-Granville Rd / Deewood / Maple Street Lighting	Construction	Scott Wolfe	BOND	September	\$474,720	Formal Bid	670866-100000
JPWWTP Primary Clarifiers Electrical Upgrades	Engineering	Rob Van Evra	BOND	September	\$315,000	RFP	650230-100001
Roof Replacement for DPU Facilities	Construction	Monica Powell	BOND	May	\$2,200,000	Formal Bid	650234-100000
JPWWTP Biosolids Land Application Improvements	Construction	Troy Branson	BOND	June	\$14,600,000	Formal Bid	650243-100002

6005 Facilities & Equip Upgrade for WSST	Construction	Raisa Pesina	WPCLF/ OWDA	October	\$13,350,000	Formal Bid	650258-100001
SWWTP Building Heating Improvements - Boiler Revisions (RFP 011A)	Construction	Todd Krenelka	BOND	August	\$1,219,050	Formal Bid	650260-103002
Combined Sewer Overflow (CSO) Reduction Improvements at the WWTFs	Construction	Fang Cheng	WPCLF/ OWDA	May	\$2,671,000.00	Formal Bid	650347-100001
60-05 SWWTP Chemically Enhanced Primary Treatment (CEPT): Clarification	Construction	Stacia Eckenwiler	BOND	December	\$36,400,000.00	Formal Bid	650367-100003
60-05 SWWTP Chemically Enhanced Primary Treatment (CEPT): Disinfection	Construction	Stacia Eckenwiler	BOND	December	\$23,500,000.00	Formal Bid	650367-100004
SWWTP Chemically Enhanced Primary Treatment CEPT Site Preparation	Construction	Stacia Eckenwiler	WPCLF/ OWDA	September	\$5,000,000.00	Formal Bid	650367-100005
BWARI Biofilter	Construction	Jeremy Cawley	BOND	July	\$4,000,000.00	Formal Bid	650490-100002
Big Walnut/Rickenbacker Sanitary Interceptor	Construction	Jeremy Cawley	WPCLF/ OWDA	October	\$61,500,000.00	Formal Bid	650491-100002

Lockbourne Subtrunk Air Quality Improvements	Construction	Jeremy Cawley	WPCLF/ OWDA	October	\$3,200,000.00	Formal Bid	650491-100005
Upper Scioto West Shaft	Construction	Jeremy Cawley	BOND	May	\$1,500,000.00	Formal Bid	650499-100000
60-05 Portage Grove Area Assessment	Construction	Hunter Kelly	WPCLF/ OWDA	December	\$2,000,000.00	Formal Bid	650700-100000
Large Diameter Sewer Rehabilitation - Alum Creek Trunk North Section/Alum Creek Subtrunk Sewer	Construction	Nick Domenick	BOND	May	\$5,500,000	Formal Bid	650725-100002
60-05 Petzinger Road Sanitary Imps	Construction	Mark Timbrook	BOND	December	\$1,000,000	Formal Bid	650739-100000
Brimfield Area Sanitary System Repair Project	Construction	Gregory Barden	BOND	September	\$1,000,000	Formal Bid	650744-100000
Fenway Court Sanitary Pump Station	Construction	Paul Roseberry	BOND	July	\$285,000	Formal Bid	650747-100000
Stella Court Sanitary Pump Station	Construction	Paul Roseberry	BOND	July	\$235,000	Formal Bid	650748-100000
Williams Rd./Castle Rd. Sanitary Pump Station Control Valve Upgrade	Construction	Paul Roseberry	WPCLF/ OWDA	September	\$3,500,000	Formal Bid	650751-100000
Rickenbacker Area Pump Station (SA-15)	Construction	Paul Roseberry	WPCLF/ OWDA	July	\$310,000.00	Formal Bid	650775-100000
Blenheim/Glencoe Integrated Solution	Construction	Hunter Kelly	BOND	September	\$6,414,403.50	Formal Bid	650870-100001

Weisheimer/Indian Springs Integrated Solution	Construction	Nick Domenick	WPCLF/ OWDA	October	\$3,500,000.00	Formal Bid	650870-100002
Weisheimer/Indian Springs Integrated Solution	Construction	Nick Domenick	WPCLF/ OWDA	December	\$2,500,000.00	Formal Bid	650870-100002
Overbrook/Chatham Integrated Solution	Construction	Mark Timbrook	WPCLF/ OWDA	November	\$1,100,000.00	Formal Bid	650870-100004
Cooke/Glenmont Integrated Solution	Construction	Mike Griffith	WPCLF/ OWDA	May	\$1,140,000.00	Formal Bid	650870-100005
Schreyer/Springs Integrated Solution	Construction	Fang Cheng	WPCLF/ OWDA	October	\$1,300,000.00	Formal Bid	650870-100006
Clintonville Neighborhood Stormwater System Improvements Phase 2	Construction	Jehan Alkhayri	WPCLF/ OWDA	June	\$2,500,000.00	Formal Bid	610786-100000
Rathbone Avenue Stormwater System Improvements	Construction	Gregory Barden	BOND	December	\$1,200,000.00	Formal Bid	610805-100000
60-15 Skyline Dr Stormwater Imps	Construction	Mike Griffith	BOND	August	\$1,800,000.00	Formal Bid	610985-100000
Terrace Avenue / Broad Street Stormwater System Improvements	Construction	Jeremy Cawley	WPCLF/ OWDA	July	\$4,500,000.00	Formal Bid	611009-100000
Holt Avenue / Somersworth Drive Stormwater System Improvements	Construction	Fang Cheng	BOND	November	\$1,000,000.00	Formal Bid	611010-100000

Cooper Park Stormwater System Improvements	Construction	Hunter Kelly	BOND	June	\$1,000,000.00	Formal Bid	611011-100000
Fairwood Facility Stormwater Improvements	Construction	Hunter Kelly	BOND	October	\$2,000,000.00	Formal Bid	611021-100000
Indianola Exterior Site Imp's	Construction	Evan Disanto	BOND	September	\$4,300,000.00	Formal Bid	690026-100005
Indianola Facility Restroom Renovation	Construction	Danny Jones		September	\$500,000.00	Formal Bid	690026-100011
Action Road Area WL Imp's	Construction Inspection	Evan Disanto	BOND	September	\$320,000.00	RFP	690236-100061
Action Road Area WL Imp's	Construction	Evan Disanto	WPCLF/ OWDA	September	\$2,900,000.00	Formal Bid	690236-100061
Lamont Ave. Area WL Imp's	Construction	Bob Arnold	WPCLF/ OWDA	June	\$3,500,000.00	Formal Bid	690236-100067
Lamont Ave. Area WL Imp's	Construction Inspection	Bob Arnold	BOND	June	\$375,000.00	RFP	690236-100067
Silver Dr. Area WL Imp's	Construction	Evan Disanto	BOND	November	\$4,020,000.00	Formal Bid	690236-100068
Silver Dr. Area WL Imp's	Construction Inspection	Evan Disanto	WPCLF/ OWDA	November	\$350,000.00	RFP	690236-100068
Arcadia Ave Area WL Imp's	Construction	Philip Schmidt	WPCLF/ OWDA	October	\$3,800,000.00	Formal Bid	690236-100069
Arcadia Ave Area WL Imp's	Construction Inspection	Philip Schmidt	BOND	October	\$370,000.00	RFP	690236-100069

South Broadleigh Road Area WL Imp's	Construction Inspection	Bob Arnold	BOND	October	\$400,000.00	RFP	690236-100070
South Broadleigh Road Area WL Imp's	Construction	Bob Arnold	WPCLF/ OWDA	October	\$4,300,000.00	Formal Bid	690236-100070
Maize Road Area Water Line Improvements	Construction	Evan Disanto	WPCLF/ OWDA	September	\$3,200,000.00	Formal Bid	690236-100071
Maize Road Area Water Line Improvements	Construction Inspection	Evan Disanto	BOND	September	\$300,000.00	RFP	690236-100071
Shattuck Avenue Area Water Line Imp's	Construction	Phillip Schmidt	WPCLF/ OWDA	October	\$3,500,000.00	Formal Bid	690236-100072
Shattuck Avenue Area Water Line Imp's	Construction Inspection	Phillip Schmidt	BOND	October	\$375,000.00	RFP	690236-100072
Eureka / Steel Water Line Imp's	Construction	Phillip Schmidt	WPCLF/ OWDA	July	\$1,000,000.00	Formal Bid	690236-100074
Argyle Dr. Area WL Imp's (fka #36)	Construction	Evan Disanto	WPCLF/ OWDA	December	\$2,700,000.00	Formal Bid	690236-100075
Argyle Dr. Area WL Imp's (fka #36)	Construction Inspection	Evan Disanto	BOND	December	\$300,000.00	RFP	690236-100075
Dawnlight Ave. Area WL Imp's	Construction	Bob Arnold	BOND	August	\$300,000.00	Formal Bid	690236-100086
E. 8th Avenue WL Imp's	Construction	Evan Disanto	BOND	September	\$150,000.00	Formal Bid	690236-100108
O'Shaughnessy Hydroelectric - FEREC	Construction	Jeff Brooks	BOND	June	\$75,000.00	Formal Bid	690251-100000
DRWP Miscellaneous Improvements	Construction	David Opferman	BOND	December	\$200,000.00	Formal Bid	690278-100000
Valve Renewal Program	Construction	Evan Disanto	BOND	August	\$2,000,000.00	Formal Bid	690395-100000

Watershed Misc. Improv. - Glick Rd. Bridge Repairs	Construction	Miriam Siegfried	BOND	December	\$1,000,000.00	Formal Bid	690411-100006
Hoover Dam Imp's - Part 1	Engineering	Chris Weaver	BOND	September	\$350,000.00	Formal Bid	690411-100013
O'Shaughnessy Hydroelectric Imps	Engineering	Todd Krenelka	BOND	July	\$400,000.00	Formal Bid	690444-100000
Mound District Booster Station	Construction Inspection	Philipp Schmidt	BOND	June	\$400,000.00	RFP	690459-100000
Mound District Booster Station	Construction	Philipp Schmidt	BOND	June	\$3,100,000.00	Formal Bid	690459-100000
O'Shaughnessy Gatehouse Misc. Imp's	Construction	Miriam Siegfried	BOND	October	\$1,000,000.00	Formal Bid	690472-100000
Henderson Road Booster Station Upgrades	Construction	Philipp Schmidt	BOND	August	\$2,000,000.00	Formal Bid	690473-100006
Henderson Road Booster Station Upgrades	Construction Inspection	Philipp Schmidt	BOND	August	\$260,000.00	RFP	690473-100006
Security Enhancements - 910 Dublin Road	Construction	Miriam Siegfried	BOND	August	\$2,000,000.00	Formal Bid	690479-100002
HCWP Floc and Lime Basin Eqpt. Reconstruction	Equipment	Miriam Siegfried	BOND	September	\$200,000.00	Formal Bid	690507-100000
HCWP Sludge Disposal Line Imp's - Field Locate/ARV	Engineering	Ryan Shonk	BOND	May	\$150,000.00	RFP	690510-100002

HCWP Sludge Disposal Line Imp's - Field Locate/ARV	Construction	Ryan Shonk	BOND	May	\$1,350,000.00	Formal Bid	690510- 100002
HCWP Standby Power	Construction	Troy Branson	WPCLF/ OWDA	December	\$10,500,000.00	Formal Bid	690519- 100000
Fire Hydrant Repairs (non R & R)	Construction	Evan Disanto	BOND	June	\$1,000,000.00	Formal Bid	690527- 100000
Gen'l Engineering Services - Distribution Group	Engineering	Bob Arnold	BOND	August	\$500,000.00	RFP	690528- 100000
DRWP UV Disinfection	Equipment	Chris Weaver	BOND	June	\$3,000,000.00	Formal Bid	690535- 100000
HCWP UV Disinfection	Equipment	Chris Weaver	BOND	June	\$4,000,000.00	Formal Bid	690536- 100000
Westgate Tank Replacement	Construction	Phillip Schmidt	BOND	June	\$4,600,000.00	Formal Bid	690537- 100001

**Total \$290,028,679**

## Appendix B - Operating Budget Projects

*Reflects bid opportunities typically over \$20,000*

DESCRIPTION OF ITEMS TO BE BID	PROJECTED BID OPENING MONTH	ESTIMATED TOTAL COST	INTENDED PROCUREMENT METHOD
Oracle WAM CMMS Database Administration	Estimate July	200,000.00	Director's Bid
EMS Third Party Certification	Estimate June	25,000.00	Director's Bid
Air Handling Compliance- Regulatory Assistance	Estimate June	250,000.00	Director's Bid
WOODEN POLES	N/A	120,000.00	City Purchasing UTC
WIRE & CABLE	N/A	180,000.00	City Purchasing UTC
MULTI USE TRACTOR	Estimate July	80,000.00	Formal Bid Through Central Purchasing
INFO PROCESSING - OUTAGE MGMT SOFTWARE	Estimate July	56,000.00	Director's Bid
BOX VAN	Estimate July	160,000.00	Formal Bid Through Central Purchasing
UTILITY TRUCK	Estimate July	33,000.00	City Purchasing UTC
RADIO REPLACEMENT UPGRADES	Estimate September	40,000.00	City Purchasing UTC
60' ELECTRIC HYBRID BUCKET TRUCK	Estimate July	330,000.00	Formal Bid Through Central Purchasing
60' ELECTRIC HYBRID BUCKET TRUCK	Estimate July	330,000.00	City Purchasing UTC

AIR BREAK SWITCH	Estimate September	40,000.00	City Purchasing UTC
NEW CUSTOMER INSTALLATION EQUIP	Estimate June	500,000.00	Director's Bid
TRANSFORMERS/REGULATORS/LINE RECLOSURES	Estimate June	600,000.00	Formal Bid Through Central Purchasing
ALUM POLES	Estimate June	550,000.00	Formal Bid Through Central Purchasing
SL CONTROLLERS	Estimate June	35,000.00	Formal Bid Through Central Purchasing
OTHER IMP - LIGHT SYSTEM MISC.	Estimate June	50,000.00	Formal Bid Through Central Purchasing
SCADA COMMUNICATION UPGRADE - SOLE SOURCE	Estimate July	150,000.00	Director's Bid
PROF SERVICES-DIVERS	Estimate March	20,000.00	Director's Bid
ATTORNEYS	N/A	100,000.00	Director's Bid
ENG & ARCH (PROFESSIONAL SERVICES)	N/A	50,000.00	Director's Bid
ROBERTS ELE	Estimate May	500,000.00	Director's Bid
US UTILITY	Estimate May	200,000.00	Director's Bid
RYDER	Estimate May	200,000.00	Director's Bid
Floodplain HEC RAS Analysis	Estimate June	30,000.00	Director's Bid
HSTS Analysis	Estimate May	100,000.00	Director's Bid

Public Education Program	Estimate May	100,000.00	Director's Bid
Rainwater Harvesting Methodology	Estimate April	75,000.00	Director's Bid
WAM Database & Sys Admin - Phase ??	N/A	18,000.00	Director's Bid
Blueprint Expansion - Property Maintenance	Estimate May	150,000.00	Director's Bid
Haz. Waste ID, Clean-Up, Disposal & Emergency Spill Response	N/A	75,000.00	City Purchasing Purchase Agreement
Investigation of Water Resources-USGS (10/1/15-9/30/16)	N/A	750,000.00	Director's Bid
Limit Switch Replacement (350)	Estimate June	22,925.00	Formal Bid Through Central Purchasing
Flow Meters - for step feed (15)	Estimate May	48,300.00	Formal Bid Through Central Purchasing
25 HP Drives - to replace 1336, 1334 Biosolids Pump (12)	Estimate April	46,884.00	Formal Bid Through Central Purchasing
Light Fixtures (240)	N/A	150,000.00	City Purchasing Purchase Agreement
40 Hp Drives - to replace 1336, 1334 Hot Wtr Circ. Pump (6)	Estimate May	49,344.00	Formal Bid Through Central Purchasing
Air Compressor	Estimate April	30,000.00	Formal Bid Through Central Purchasing
Bobcat (2)	Estimate May	60,000.00	Formal Bid Through Central Purchasing
ESC Data Controllers (2)	Estimate June	30,000.00	Formal Bid Through Central Purchasing
Fork Lift - 6,000 lb.	Estimate July	40,000.00	Formal Bid Through Central Purchasing

JLG Telescopic Boom Lift	Estimate June	191,000.00	Formal Bid Through Central Purchasing
Lathe	Estimate August	30,000.00	Formal Bid Through Central Purchasing
Magelis Touch Screens / Program conversion (9)	Estimate June	63,000.00	Formal Bid Through Central Purchasing
New Seal Water System - for raw sewage pumps	Estimate August	50,000.00	Formal Bid Through Central Purchasing
Verticle Mill	Estimate July	50,000.00	Formal Bid Through Central Purchasing
Walk Behind Boom Lift - Battery Operated	Estimate June	25,000.00	Formal Bid Through Central Purchasing
Dumpster, Rolloff (2)	Estimate June	20,000.00	Formal Bid Through Central Purchasing
Ultrasound Testing Equipment	Estimate May	20,000.00	Formal Bid Through Central Purchasing
Variable Frequency Drives (VFD) (6)	Estimate September	100,000.00	Formal Bid Through Central Purchasing
Truck, Pickup w/tool box	N/A	20,000.00	City Purchasing Purchase Agreement
Truck, Pickup w/tool box	N/A	20,000.00	City Purchasing Purchase Agreement
ENZ Nozzle Kits (5)	Estimate July	30,000.00	Formal Bid Through Central Purchasing
Radio and CPU for pump station SCADA System (20)	Estimate August	56,000.00	Formal Bid Through Central Purchasing
Scanner, Large Format	Estimate July	20,000.00	Informal Bid Through Central Purchasing
SUV	N/A	26,000.00	City Purchasing Purchase Agreement

Air Compressor	Estimate August	25,000.00	Formal Bid Through Central Purchasing
410 Backhoe Loader	Estimate May	140,000.00	Formal Bid Through Central Purchasing
Sewer Easement Machine w/ Trailer	Estimate May	48,000.00	Formal Bid Through Central Purchasing
Truck, 1 Ton Utility Extended Cab	N/A	45,000.00	City Purchasing Purchase Agreement
Truck, 1 Ton Utility Extended Cab	N/A	45,000.00	City Purchasing Purchase Agreement
Truck, 1/2 Ton Pickup CNG	N/A	32,000.00	City Purchasing Purchase Agreement
Truck, 1/2 Ton Pickup CNG	N/A	32,000.00	City Purchasing Purchase Agreement
Truck, 1/2 Ton Pickup CNG	N/A	32,000.00	City Purchasing Purchase Agreement
Truck, 1/2 Ton Pickup CNG	N/A	32,000.00	City Purchasing Purchase Agreement
Truck, Crane CNG	Estimate June	235,000.00	Formal Bid Through Central Purchasing
Truck, Flatbed Construction CNG F550	N/A	75,000.00	City Purchasing Purchase Agreement
Truck, Sewer Combination Machine CNG (Vactor)	Estimate May	418,000.00	Formal Bid Through Central Purchasing
Truck, Sewer Combination Machine CNG (Vactor)	Estimate May	418,000.00	Formal Bid Through Central Purchasing
Truck, Single Axle Dump w/Plow CNG w/ Snowplow and Spreader	N/A	210,000.00	City Purchasing Purchase Agreement
Truck, Single Axle Dump w/Plow CNG	N/A	225,000.00	City Purchasing Purchase Agreement

Truck, Tandem Axle Dump w/CNG w/ Snowplow and Spreader	N/A	220,000.00	City Purchasing Purchase Agreement
Truck, TV w/ Lateral Launch	Estimate April	325,000.00	Formal Bid Through Central Purchasing
Van, 1 Ton (Pump Station Expansion Proposal)	N/A	26,000.00	City Purchasing Purchase Agreement
Van, E350 Cargo	N/A	26,000.00	City Purchasing Purchase Agreement
Van, Transit Connect Extended Van	N/A	24,000.00	City Purchasing Purchase Agreement
Van, Transit Connect Extended Van	N/A	24,000.00	City Purchasing Purchase Agreement
Van, Transit Connect Extended Van	N/A	24,000.00	City Purchasing Purchase Agreement
Balances (4)	Estimate March	20,000.00	Formal Bid Through Central Purchasing
GFAA/Flame Furnace	Estimate April	90,000.00	Formal Bid Through Central Purchasing
Lachate Flow Injection Analyzer	Estimate July	85,000.00	Formal Bid Through Central Purchasing
Batteries - Flow Shark & 4000 meters	Estimate April	30,000.00	Formal Bid Through Central Purchasing
Metronet Switches - for 360water PC's (6)	Estimate May	18,000.00	Formal Bid Through Central Purchasing
Metronet Switches - for 360water PC's (8)	Estimate May	24,000.00	Formal Bid Through Central Purchasing
SCADA Cisco Switches (77)	Estimate July	100,000.00	Formal Bid Through Central Purchasing
SCADA Cisco Switches (107)	Estimate July	100,000.00	Formal Bid Through Central Purchasing

Scada Server Replacement (3)	Estimate August	30,000.00	Formal Bid Through Central Purchasing
Workstations, 360water Training (7)	Estimate April	10,500.00	Informal Bid Through Central Purchasing
Workstations, 360water Training (13)	Estimate April	19,500.00	Informal Bid Through Central Purchasing
Plotter	Estimate May	16,000.00	Informal Bid Through Central Purchasing
Computer w/Touch Screen (3)	Estimate April	30,000.00	Formal Bid Through Central Purchasing
Articulating Wheel Loader 7 yd3	Estimate April	330,000.00	Formal Bid Through Central Purchasing
Truck, Semi	Estimate May	140,000.00	Formal Bid Through Central Purchasing
Honeywell Methane Sensors (40)	Estimate June	18,000.00	Informal Bid Through Central Purchasing
Multi-Carrier Universal Cellular Communication System	Estimate July	75,000.00	Director's Bid
OARS Deep Sewer Tunnel Project Initial Review	Estimate May	25,000.00	Director's Bid
Uniform Rental Service	N/A	35,000.00	City Purchasing Purchase Agreement
Infrared Thermography Services	Estimate July	20,000.00	Director's Bid
Substation Maintenance Service	Estimate May	20,000.00	Director's Bid
Siemens Fidarment 5E-E Service	Estimate May	20,000.00	Director's Bid
Allen Bradley SW, Support & Training	Estimate May	70,000.00	Director's Bid

Air Compressor Service	Estimate April	20,000.00	Director's Bid
Andritz Repair Service	Estimate April	100,000.00	Director's Bid
Generator PM & Repair Service	Estimate May	20,000.00	Director's Bid
Roots Blower Service	Estimate April	20,000.00	Director's Bid
Transformer Service	Estimate April	20,000.00	Director's Bid
Weigh Scale Calibration Service	Estimate April	20,000.00	Director's Bid
PSSI Generator Controls Repair	Estimate April	20,000.00	Director's Bid
Switchgear Inspection Service	Estimate March	20,000.00	Director's Bid
Landfill fees - dirt, trash, & construction debris (SWACO)	N/A	40,000.00	City Purchasing Purchase Agreement
Waste Hauling Service	Estimate March	20,000.00	Director's Bid
Rent of Uniforms	N/A	23,000.00	City Purchasing Purchase Agreement
Building Repairs	Estimate September	35,000.00	Director's Bid
Digester Gas Seal & Repair Maintenance Service	Estimate May	20,000.00	Director's Bid
Machinery & Equipment Service (gas service, etc.)	Estimate July	30,000.00	Director's Bid
Sludge Grinder Service	N/A	70,000.00	City Purchasing Purchase Agreement

Allen Bradley/Rockwell Variable Frequency Drive Repairs	Estimate August	19,000.00	Director's Bid
Ingersoll Rand Pump Inspection Service	Estimate May	13,200.00	Director's Bid
Ingersoll Rand Pump Repair Service	Estimate May	15,000.00	Director's Bid
Landscape Services	Estimate April	20,000.00	Director's Bid
Landfill fees - Grit Screening, dirt, trash, & construction debris (SWACO)	N/A	125,000.00	City Purchasing Purchase Agreement
Small Equipment Rental	Estimate April	25,000.00	Director's Bid
Uniform Rental Service	N/A	35,000.00	City Purchasing Purchase Agreement
Rental of Equipment w/Operator	N/A	2,276,925.00	City Purchasing Purchase Agreement
Generator Maintenance and Repair Service (Floodwall)	Estimate May	50,000.00	Director's Bid
Pump Station Generator Maintenance (Sanitary)	Estimate May	20,000.00	Director's Bid
Pump Station Generator Maintenance (Storm)	Estimate May	50,000.00	Director's Bid
SCADA Systems Service	Estimate June	20,000.00	Director's Bid
TV Equipment Service (Best)	Estimate April	20,000.00	Director's Bid
Arc Flash Study	Estimate May	35,000.00	Director's Bid
Concrete Sawing & Drilling	Estimate April	20,000.00	Director's Bid

Electrical Service Pump Stations	Estimate April	20,000.00	Director's Bid
Fairbanks Pump Parts & Service	N/A	40,000.00	City Purchasing Purchase Agreement
Floodwall Maintenance	Estimate April	20,000.00	Director's Bid
Flygt Pump Parts & Service	N/A	200,000.00	City Purchasing Purchase Agreement
Sludge Grinder Service	N/A	45,000.00	City Purchasing Purchase Agreement
Traffic Control Services	Estimate March	20,000.00	Director's Bid
Lawn Maintenance Services (Mowing) SW Quadrant - Zone 3	N/A	33,000.00	City Purchasing Purchase Agreement
Lawn Maintenance Services (Mowing) SE Quadrant - Zone 4	N/A	33,000.00	City Purchasing Purchase Agreement
Lawn Maintenance Services (Mowing) NE Quadrant - Zone 1	N/A	24,500.00	City Purchasing Purchase Agreement
Lawn Maintenance Services (Mowing) NW Quadrant - Zone 2	N/A	65,500.00	City Purchasing Purchase Agreement
Lawn Maintenance Services (Mowing) SWWTP	Estimate May	40,000.00	Director's Bid
Clean Fill Disposal	Estimate June	35,000.00	Director's Bid
Perkin Elmer-Annual Serv/support/maint for GC-MS, AA, ICP-MS	Estimate March	70,000.00	Director's Bid
Urban Watershed Delineation (FSWCD)	N/A	200,000.00	Director's Bid
Blueprint Cols. - Flow monitors in homes - Contractor pymt. For installation	N/A	33,995.00	Director's Bid

STEP Program - Contractor Pymts.	N/A	796,005.00	Selected by Home owner
I&C - Allen Bradley, Modicon, PLC Audit Service & Training from Mfg for SW & some HW for Lab	Estimate July	150,000.00	Director's Bid
Corrosion Control & Prevention Maintenance Services	Estimate May	200,000.00	Director's Bid
Roof Maintenance	Estimate May	250,000.00	Director's Bid
360water Workstations - Wiring	N/A	50,000.00	City Purchasing Purchase Agreement
Biofilter Maintenance Services	Estimate September	150,000.00	Director's Bid
Concrete Flatwork	Estimate May	100,000.00	Director's Bid
Security Assessment at Fairwood	Estimate September	200,000.00	Director's Bid
LIMS/Equipment Interface SW	Estimate May	20,000.00	Director's Bid
Metronet Switches - for 360water PC's (6)	Estimate May	18,000.00	Informal Bid Through Central Purchasing
Metronet Switches - for 360water PC's (8)	Estimate May	24,000.00	Formal Bid Through Central Purchasing
SCADA Cisco Switches (77)	Estimate August	100,000.00	Formal Bid Through Central Purchasing
SCADA Cisco Switches (107)	Estimate August	100,000.00	Formal Bid Through Central Purchasing
Scada Server Replacement (3)	Estimate August	30,000.00	Formal Bid Through Central Purchasing

Dell Server Warranty Extension (5)	Estimate July	30,000.00	Director's Bid
Water Quality Lab Equipment Service Agreements	n/a	100,000.00	Universal term contracts
Utility Cut Restoration Contract (Decker)	February 2016	1,460,622.00	Formal bid process
Rental of Construction Equipment (Travco)	n/a	75,000.00	Universal term contract
Backflow Prevention Maintenance Software (Tokay)	December 2015	43,262.50	Formal bid process
Water Chemicals- Various Chemicals and Vendors	n/a	18,600,000.00	Universal term contracts
Crushed Limestone and Gravel Aggregates	n/a	50,000.00	Universal term contract
2001 Chevrolet EQ 2500	n/a	80,000.00	Bid through purchasing or UTC
2002 Chevrolet EQ 2500	n/a	60,000.00	Bid through purchasing or UTC
Backhoe	n/a	110,000.00	Bid through purchasing or UTC
Full size 1/2 ton 4WD	n/a	35,000.00	Bid through purchasing or UTC
Transit Van (Full Size)	n/a	30,000.00	Bid through purchasing or UTC
Toro #30542 'Groundmaster' Tractor, 4WD	n/a	25,000.00	Bid through purchasing or UTC
1/2 Ton Extended Cab Pick-Up with short bed	n/a	30,000.00	Bid through purchasing or UTC
1 Ton Cargo Van with interior package	n/a	35,000.00	Bid through purchasing or UTC

3/4 Ton Pick-Up Truck with 8 ft. bed	n/a	30,000.00	Bid through purchasing or UTC
1 Ton 4WD PU w/Plow & Tool Box	n/a	40,000.00	Bid through purchasing or UTC
Chevrolet EQ - Dump CNG	n/a	220,000.00	Bid through purchasing or UTC
F-250	n/a	35,000.00	Bid through purchasing or UTC
Bat Wing Park Mowers 11' cut	n/a	55,500.00	Bid through purchasing or UTC
1 Ton 4wd PU w/Plow	n/a	35,000.00	Bid through purchasing or UTC
Chev 2500 ext. Cab	n/a	35,000.00	Bid through purchasing or UTC
Chipper Truck	n/a	100,000.00	Bid through purchasing or UTC
Chipper Truck	n/a	100,000.00	Bid through purchasing or UTC
Forklift	n/a	30,000.00	Bid through purchasing or UTC
3/4 Ton Pickup, Utility Bed, slide cover, L.Bar	n/a	35,000.00	Bid through purchasing or UTC
3/4 Ton Pickup, Utility Bed, slide cover, L.Bar	n/a	35,000.00	Bid through purchasing or UTC
3/4 Ton Pickup, Utility Bed, slide cover, L.Bar	n/a	35,000.00	Bid through purchasing or UTC
3/4 Ton Pickup, Utility Bed, slide cover, L.Bar	n/a	35,000.00	Bid through purchasing or UTC
Pool Car - Transit Connect	n/a	25,000.00	Bid through purchasing or UTC

Pow-r Mole	n/a	32,000.00	Bid through purchasing or UTC
Vac Unit	n/a	41,000.00	Bid through purchasing or UTC
Forklift	n/a	32,000.00	Bid through purchasing or UTC

**Total \$39,306,962.50**