

FAYETTEVILLE PUBLIC WORKS COMMISSION 955 OLD WILMINGTON RD P.O. BOX 1089 FAYETTEVILLE, NORTH CAROLINA 28302-1089 TELEPHONE (910) 483-1401 WWW.FAYPWC.COM

PUBLIC WORKS COMMISSION MEETING OF WEDNESDAY, SEPTEMBER 11, 2019 8:30 A.M.

AGENDA

- I. REGULAR BUSINESS
 - A. Call to order
 - B. Approval of Agenda
- II. CONSENT ITEMS

(See Tab 1)

- A. Approve Minutes of meeting of August 28, 2019
- B. Approve bid recommendation to award bid for purchase of two (2) Cab and Chassis Equipped with HD150ABDW Service Body and PTO Mounted Compressor to H & H Truck, Fayetteville, NC, the lowest responsive, responsible bidder in the total amount of \$244,054.00, and forward to City Council for approval.

The two (2) Cab and Chassis Equipped with HD150ABDW Service Body and PTO Mounted Compressor are budgeted items (budgeted amount of \$293,000.00 in the Water Construction & Maintenance Capital Budget Codes 2006201805 & 2006201836).

Bids were received on August 20, 2019, as follows:

<u>Bidders</u> Total Cost

H&H Truck, Fayetteville, NC \$244,054.00

Comments: Notice of the bid was advertised through our normal channels on July 22, 2019. Addendum No. 1 was issued on August 9, 2019 to extend the bid opening date from August 13, 2019, because bidders requested more time to August 20, 2019. Bids were solicited from various vendors with one (1) vendor responding. Fleet staff concurs it is in the best interest of PWC to purchase the units from H&H Truck, Fayetteville, NC. **SDBE:** H&H Truck, Fayetteville, NC is a local business that is not classified as a SDBE, minority or woman-owned business.

BUILDING COMMUNITY CONNECTIONS SINCE 1905

C. Approve bid recommendation to award bid for purchase of three (3) 4X4 Pick-ups to Cooper Food, Carthage, NC, the lowest responsive, responsible bidder in the total amount of \$96,519.00, and forward to City Council for approval.

The three (3) 4X4 Pick-ups are budgeted items (budgeted amount of \$101,310.00 in the Electric Construction & Maintenance Capital Budget Codes 2008201769 & 2008201847 to replace Units 261, 2304 and 2306).

Bids were received on August 20, 2019, as follows:

<u>Bidders</u>	<u>Total Cost</u>
Cooper Ford, Carthage, NC	\$96,519.00
Lafayette Ford, Fayetteville, NC	\$97,109.00

COMMENTS: Notice of the bid was advertised through our normal channels on July 22, 2019. Addendum No. 1 was issued on August 9, 2019 to extend the bid opening date from August 13, 2019 to August 20, 2019. Bids were solicited from various vendors with two (2) vendors responding. **SDBE:** Cooper Ford, Carthage, NC, is not classified as a SDBE, minority or womanowned business.

D. Approve bid recommendation to award contract for Inventory Steel Poles, to Meyer Utility Structures, LLC, Memphis, TN, the lowest responsive, responsible bidder, in the total amount of \$361,704.00, and forward to City Council for approval.

These poles will be used to support the planned replacement of wood poles. This project will provide seven (7) various types of steel poles for a one-year period, with the right to order additional quantities for an additional (3) year period, upon the agreement of both parties.

This project is funded from Electric Inventory

Bids were received on August 15, 2019, as follows:

<u>Bidders</u>	Total Cost
Massaultilitas Comentantes III C. Massaultis TNI	¢ 261.704.00
Meyer Utility Structures, LLC, Memphis, TN	\$ 361,704.00
TAPP, Inc., Houston, TX	\$ 384,100.00
Shealy Electrical Wholesales (Keystone), Greenville, SC	\$ 390,069.55
MD Henry Company, Inc., Pelham, AL	\$ 426,636.00
Rohn Products, LLC, Peoria, IL	\$ 466,950.00
Shealy Electrical Wholesales (MICA), Greenville, SC	\$ 474,121.00
Summit Utility Structures LLC, Allentown, PA	\$ 489,757.00
Valmont Newmark, Valley, NE	\$ 681,492.00
Sabre Industries, Alvarado, TX	\$ 695,695.00

COMMENTS: Notice of the bid was advertised through our normal channels on August 1, 2019 with a bid opening date of August 15, 2019. **SDBE/Local:** There is no SDBE/Local participation. The bidder intends to perform 100% of the work.

E. Staff requests the Commission approve the issuance of a purchase order in the amount of \$368,130.00 to ABB, Inc., Wickliffe, OH, for the purchase of Console Upgrade to SPO 2.0 from 1.1 for the PWC Butler Warner Generation Plant HMI Upgrade, in accordance with N.C.G.S. 143-129(e)(6), commonly known as the "sole source" bidding exception.

COMMENTS: N.C.G.S. 143-129(e)(6) allows an exception to the bidding requirements for the purchase of apparatus, supplies, materials or equipment when a needed product is available from only one source of supply. ABB, Inc. is the only vendor world-wide who produces this product and meets the necessary requirements for the HMI Upgrade. The existing platform was built on ABB proprietary technology. Therefore, staff requests approval to issue a purchase order in the amount of \$368,130.00 for the purchase of the HMI Upgrade. Currently, the Commission needs to purchase a Site Console Upgrade to Symphony Plus Operations (SPO) 2.1 from the existing 1.1 platform for the PWC Butler Warner Generation Plant HMI Upgrade. The current System is operating off the System Version 1.1 which was sold to PWC back in 2012. This platform was sold on Dell Computers and Windows 7 / Server 2008 operating systems. Microsoft has decided to conclude support of Windows 7 / Service 2008 in January 2020. This is out of our control and we must create new versions of our software to comply and run on newer operating Systems. In addition, the Dell Workstations and Servers have a lifecycle of 5-7 years. This upgrade will provide a version of Windows called 2016 LTSB (Long Term Servicing Branch) that allows for industrial users to have extended support for the new version of Windows, so that it will no longer be the determining factor for these types of upgrades.

This is a budgeted item. \$375,000.00 budgeted in CPR1000435 (EL62 – ABB Control System Microsoft Windows Upgrade). The amounts stated are the dollar amounts budgeted for engineering under the CIP project.

END OF CONSENT

III. COMMUNITY SOLAR OFFERING AND STANDBY RATE FOR LARGE POWER COINCIDENT PEAK CUSTOMERS

Presented by: David W. Trego, CEO/General Manager

- IV. PUBLIC HEARING ON COMMUNITY SOLAR OFFERING AND STANDBY RATE FOR LARGE POWER COINCIDENT PEAK CUSTOMERS (See Tab 2)
- V. COMMISSION VOTE ON COMMUNITY SOLAR OFFERING (RIDER) AND STANDBY RATE FOR LARGE POWER COINCIDENT PEAK CUSTOMERS
- VI. UPDATE ON HURRICANE DORIAN
 Presented by: David W. Trego, CEO/General Manager

VII. GENERAL MANAGER REPORT

(See Tab 3)

A. Open Commission Requests

VIII. COMMISSIONER/LIAISON COMMENTS

IX. REPORTS AND INFORMATION

(*See Tab 4*)

- A. Personnel Report August 2019
- B. Position Vacancies
- C. Approved N.C. Department of Transportation Encroachment Agreement(s):
 - ➤ Encr. #18820 install water lateral for fire hydrant @ SR1219 (Ireland Dr.)
- D. Approved Utility Extension Agreement(s):
 - E/W/S to serve North Ridge Park Phase IV, located on Mount Rainer Drive
 - ➤ E/W/S to serve Fayetteville Minor League Baseball Stadium/Entertainment

X. ADJOURN

PUBLIC WORKS COMMISSION MEETING OF WEDNESDAY, AUGUST 28, 2019 8:30 AM

Present: Darsweil L. Rogers, Chairman

Evelyn O. Shaw, Vice-Chairwoman Wade R. Fowler, Jr., Treasurer D. Ralph Huff, III, Secretary

Others Present: David W. Trego, CEO/General Manager

Telly Whitfield, Assistant City Manager Michael Boose, Cumberland County Liaison

PWC Staff

Absent: Kathy Jensen, City Council Liaison

Melissa Adams, Hope Mills Town Manager/Liaison

Media

REGULAR BUSINESS

Chairman Darsweil Rogers called the meeting of Wednesday, August 28, 2019, to order.

APPROVAL OF AGENDA

Upon motion by Commissioner Huff, seconded by Commissioner Shaw, the agenda was unanimously approved.

CONSENT ITEMS

Upon motion by Commissioner Shaw and seconded by Commissioner Huff, Consent Items were unanimously approved.

CONSENT ITEMS

- A. Approve Minutes of meeting of July 24, 2019
- B. Approve bid recommendation to award contract for The Fayetteville Annexation Phase V Project X Area 23, Section 1, Wells Place to Billy Bill Grading Co., Inc., Fayetteville, NC, the lowest responsive, responsible bidder in the total amount of \$5,347,107.91 and forward to City Council for approval.

The Fayetteville Annexation Phase V Project X - Area 23, Section 1, Wells Place is funded from WS-63 Phase V Annexation (CPR10000130).

Bids were received on July 17, 2019, as follows:

<u>Bidders</u>	Total Cost
Billy Bill Grading Co., Inc., Fayetteville, NC	\$5,347,107.91
T. A. Loving Company, Goldsboro, NC	\$5,936,271.10
BridgePoint Civil, Goldsboro, NC	\$7,793,449.00

Comments: Notice of the bid was advertised through our normal channels on June 4, 2019, with a bid opening date of July 17, 2019. Addendum No. 1 was issued on July 10, 2019, to address contract document revisions and to answer questions. **SDBE/Local Participation:** The bidder intends to subcontract with Paul Williams Hauling, Dunn, NC and Crowder Trucking, Fayetteville, NC, for trucking and hauling needs for \$17,500.00 each, for a total of \$35,000.00

C. Approve bid recommendation to award contract for The Fleet Maintenance Expansion and Renovation Project to Muter Construction, Zebulon, NC, the lowest responsive, responsible bidder, in the total amount of \$6,410,000.00, and forward to City Council for approval.

The Fleet Maintenance Expansion and Renovation Project is funded through the CS-2 Fleet Bay Expansion (CPR10000258).

Bids were received on August 15, 2019, as follows:

<u>Bidders</u>	<u>Total Cost</u>	
Muter Construction, Zebulon, NC	\$6,410,000.00	
M&E Contracting, Fayetteville, NC	\$6,897,541.00	

Comments: Notice of the bid was advertised through our normal channels on July 2, 2019, with an original bid opening date of August 8, 2019. Addendums No. 1 thru 4 were issued to provide general clarifications; provide changes to the drawings; changes to the specifications; and address contract document revisions. Addendum No. 5 was issued on August 8, 2019 to re-advertise the project with a new bid opening date of August 15, 2019, @ 2:30pm, as the originally scheduled bid opening failed to produce three (3) bids. The bid received from Muter Construction was the lowest responsive and responsible, inclusive of accepted bid alternatives. Muter Construction plans to subcontract with Haire Plumbing and Mechanical Company for plumbing and mechanical (HVAC) and with McCarter Electrical for electrical requirements. Both vendors have a local presence in our metropolitan statistical area. SDBE/Local: The bidder is a certified Womanowned Historically Underutilized Business (HUB), and plans to subcontract with Division 9, located in Raleigh for painting needs, and with Liberty Craftsman Co., located in Sanford for drywall needs. The total value of small disadvantaged business contracting will be \$160,000.00. For detailed outreach efforts regarding this bid, please see "Procurement Outreach Worksheet".

D. Staff requests the Commission approve the issuance of a purchase order in the amount of \$565,200 to Hitachi T&D Solutions, Inc., Suwanee, GA, for the purchase of eight (8) 72.5kV Vacuum Circuit Breakers for the Butler-Warner Generation Plant in accordance with N.C.G.S 143-129(e)(6), commonly known as the "sole source" bidding exception.

N.C.G.S. 143-129(e)(6) allows an exception to the bidding requirements when a needed product is available from only one source of supply. Currently, the Commission needs to purchase eight (8) 72.5kV Vacuum Circuit Breakers for the Butler-Warner Generation Plant. This type of breaker utilizes a vacuum-interrupting technology to stop the flow of current to the power system. Currently, Hitachi T&D Solutions, Inc. is the only

manufacturer world-wide who produces this product and meets the vacuum-interrupter requirements. Predominantly, circuit breaker technology uses a halon-based gas called sulfur hexafluoride, or SF6. This is a "greenhouse gas" like chlorofluorocarbons, or CFC's which have been banned from production in the United States and many other countries. By specifying the vacuum-interrupter breaker instead of the SF6 breakers, PWC avoids the use of environmentally harmful chemicals and eliminates exposure to PWC employees and the general public. The Environmental Protection Agency (EPA) has added SF6 to the list of greenhouse gases whose emissions must be reported when used under certain circumstances. In view of these issues, staff feels it is in the best interest of the Commission to reduce PWC's SF6 inventory. Therefore, staff requests approval to issue a purchase order in the amount of \$565,200 for the purchase of eight (8) 72.5kV Vacuum Circuit Breakers for the Butler-Warner Generation Plant from Hitachi T&D Solutions, Inc., under the "sole source" exception allowed by the Statutes.

This is a budgeted item. A total of \$600,000 is budgeted for equipment in the FY2020 CIP – Budget Code CPR1000415 – BWGP 72.5kV Power Circuit Breaker Replacement.

E. Approval of Modification and Removal of Electric System Extension Riders from the PWC Rates Manual

The Commission's approval of the Service Regulations and Charges effective May 2019 modified the Electric System Extension Riders that have been in place since 1997. One rider will continue to exist as Appendix A in the Service Regulations and Charges, and the other three riders have become obsolete and can be discontinued.

F. Approval of PWC Ordinance - PWCORD2019-19 - Electric, Water/Wastewater and Fleet Maintenance Fund Budget Amendment #1

PWCORD2019-19 is an Electric, Water/Wastewater and Fleet Maintenance Fund FY 2020 amendment increasing the Electric Fund \$5,625,900 to \$276.3 million, increasing the W/WW Fund \$881,700 to \$131.5 million and decreasing the Fleet Maintenance Fund by \$288,500 to \$13.7 million.

Within this budget amendment are increases in expenditures referred to as "encumbrance carryforward". This is a governmental budgeting term that basically means that an expenditure was committed via a purchase order in the prior year's budget, was not fully completed in the prior year as anticipated and will be completed in this year with carryforward funds from the prior year. Section 5 of the Budget Ordinance adopted for FY 2020 allows for these carryovers

G. Approval of PWC Capital Project Fund Ordinances – PWCORD2019-20, PWCORD2019-21, PWCORD2019-22

PWCORD2019-20 establishes a \$16.2 million Big Rockfish Sanitary Sewer Outfall State Revolving Loan Capital Project Fund for a project to be funded with State Loan proceeds. This loan was applied for in April 2019 and PWC received a letter of intent to fund dated July 19, 2019. This fund is needed now to establish budgets in support of executing engineering task authorizations and Right-of-Way activity.

PWCORD2019-21 establishes a \$6.3 million Big Rockfish Sanitary Sewer Outfall – Lift Station Elimination State Revolving Loan Capital Project Fund for a project to be funded with State Loan proceeds. This loan was applied for in April 2019 and PWC received a letter of intent to fund dated July 19, 2019. This fund is needed now to establish budgets in support of executing engineering task authorizations and Right-of-Way activity.

PWCORD2019-22 amends the budget ordinance for the Electric Rate Stabilization Fund. This is to account for the true-up credit received from Duke Energy Progress related to coal ash and power supply.

END OF CONSENT

PRESENTATION ON PHASE 3 OF CUSTOMER ePORTAL AND NEW PWC ANDROID/IOS APP

Presented by: Susan Fritzen, Chief Corporate Services Officer Mark Lawler, Chief Information Officer

Susan Fritzen, Chief Corporate Services Officer, stated this is our 3rd and final phase to the portal. She stated this does not mean we will not make enhancements when needed, but this is our final planned phase. This phase was live as of August 13th. Ms. Fritzen then introduced Letitia Cisco-Smith, Corporate Development Project Manager.

Ms. Cisco-Smith provided a demonstration of the upgrades to the portal in Phase 3. She stated daily and hourly detailed graphs have been added for water and electric. We also offer 'to be billed' data. This is data that has not been billed yet, with a four-day delay. From the date it has been read, we do not display the data until four days later. Staff explained 'four-day delay'.

Commissioner Shaw asked if this demonstration is something that is available in video form. Ms. Justice-Hinson stated the CCR team is in the process of planning a tutorial. Communications are being rolled out to inform customers of the enhancements. Ms. Cisco-Smith stated there is a help topic on each page to assist the customer in understanding and navigating each page. Additional discussion ensued.

Mark Lawler, Chief Information Officer provided a demonstration of the new Android/IOS APP for the Customer Portal. Mr. Lawler stated the app is still in the testing phase and is working very well. It works very similar to the web version.

Commissioner Fowler asked how many customers we expect will use this app. Ms. Cisco-Smith stated based on stats, approximately 50% are mobile users. Mr. Lawler stated the app will present differently for the IOS than for the android. Additional discussion ensued.

COMMUNITY SOLAR OFFERING AND STANDBY RATE FOR LARGE POWER COINCIDENT PEAK CUSTOMERS

Presented by: David W. Trego, CEO/General Manager

Mr. Trego stated the will be center on what staff is proposing we offer as part of our community solar offering to customers. Mark Brown will provide an update of a standby rate we need to put in place for our large coincident peak customers. We will then request for Commissioners to schedule a public hearing date.

Mr. Trego stated PWC through a Federal Grant partnered with NCSU Clean Energy Center to model a community solar project. On 08/09/17, the Commission approved proceeding with a Design-Build contract for a Community Solar project that included the deployment of an integrated battery, a first in North Carolina. The project would include roughly 1MW of solar panels coupled to a 500kW battery to be located on available land at the Butler Warner Generation Plant. The prime contract was awarded to Dewberry from Fairfax Virginia, local partners included Horne Brothers and Directional Services Inc.).

While the project was designed as a package the justification for the solar and battery portions were separate. The solar array would be a compliance resource under the North Carolina REPS (Renewable Energy Portfolio Standards) and a portion of the first cost would be offset from our REPS spending requirements. While the battery is connected to the solar array for charging, the battery is operated by PWC to lower Power Supply costs from Duke and benefit all customers not just those subscribing to Community Solar.

What the Community Solar Project is not....

- Not designed to mirror or replace rooftop solar installations/economics
 - Maximum subscription is 5 panels which is about 1.5kW total average rooftop system is around 5kW
- Not an ownership model
- Not subsidized by non-participating PWC customers electric rates
- Not a revenue source for PWC

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What the Community Solar Project is...

- An economical way for PWC customers to get involved with solar energy
 - Including those with rental properties or who are with the military
- A subscription model PWC retains ownership
- Solar array modeled to be 100% breakeven at end of life
 - All costs and benefits are separated and tracked.

Battery Economics

Battery connected to solar array for charging.

- ▶ Battery to be used to reduce coincident peak demand charge from Duke
 - Will be used in conjunction with our other demand response programs such as voltage reduction, where we have a 90% success rate hitting the coincident peak
- Over the 15-year projected life the battery designed to average 500kW of output
- Battery installed cost \$931,000
- Average O&M costs of Battery \$5,370/yr.
- Average reduction in Power Supply costs \$119,576/yr.

▶ Battery simple payback roughly 8 years

Community Solar Economics

- Following model of other Municipalities, Community Solar designed to be 100% breakeven at end of 25-year life
 - Including O&M, planned inverter replacement and decommissioning
- Annual O&M costs average \$19,050/yr.
- Contribution to reserve fund for decommissioning & inverter replacement \$26,000/yr.
- ▶ Power Supply cost reduction average \$98,000/yr. based on NC State modeling

Community Solar Customer Offer

- Customer offer based on solar array being 100% breakeven after 25 years
 - Based upon actual results customer credit can be modified periodically to maintain breakeven economics over long term
 - Will use reserve fund to balance minor yearly fluctuations
- Offer based upon individual solar panel subscriptions with a maximum of 5 panels per customer
 - Total of 3,384 panels available to subscribe
- Panels initially "reserved" based on customer classifications
- ▶ 4% interest rate applied to \$978,100 balance of first cost to reimburse PWC customers for use of upfront capital
- Offer Summary
 - \$20 Enrollment Fee on 1 st panel, each additional panel \$10
 - Monthly Fee to recover balance of installed 1 st cost \$1.53/panel
 - Initial monthly customer credit net of O&M and Reserve \$2.51/panel
 - Initial monthly bill credit \$2.51 \$1.53 = \$0.98/panel

PWC to retain solar RECS for REPS compliance

Panels	Enrollment Fee	Net Monthly Credit	Annual Credit	Payback on Enrollment Fee
1	\$20	\$ 0.98	\$ 11.80	20 months
2	\$30	\$ 1.97	\$ 23.61	15 months
3	\$40	\$ 2.95	\$ 35.41	14 months
4	\$50	\$ 3.93	\$ 47.21	13 months
5	\$60	\$ 4.92	\$ 59.02	12 months

Commissioner Fowler asked how many acres the does the Solar Array and Battery Farm sit on. Mr. Brown replied 6 acres. We plan to go live on Thursday. Mr. Trego stated there will be a period that we will test it. If the Commission approves our offering, we will begin to communicate it to customers and sign them up. Commissioner Rogers asked if rate increases will impact the rate. Mr. Trego stated if our costs from Duke increase, we will come back to the Commissioners to adjust the credit. We are placing the initial enrollment fees into a reserve fund. We will handle fluctuations through it. We can come back to the Commissioners if we see a difference in the economics to change the customer credit based on the actual results, so we will not have subsidies. Commissioner Rogers confirmed if the current status quo agreement with Duke changes, then the economics change, and staff will need to come back to the Commission. He also confirmed that the breakeven calculations included the dismantling of the array at the end of its useful life.

Mr. Brown then discussed the Standby Rider for Large Power Coincident Peak Customers.

Mr. Brown stated PWC was approached in November of 2016 by a contractor (ConEd Solutions) working for the VA about the installation of a Public Utility Regulatory Policies Act (PURPA) qualifying generator at the VA Hospital on Ramsey St. This installation is a PURPA Qualifying Facility (QF) because it is a cogeneration facility generating electricity and hot water/steam. He stated PURPA qualifying units require the host utility to purchase excess electricity at the host utility's avoided cost.

The 852kW generator will displace approximately 82% of the VA's total electric consumption. A total of about 7 million kWh annually.

He stated PWC will provide distribution system capacity for the total VA load including 852 kW of standby capacity. Existing Commission policy authorizes staff to use Buy All/Sell All rate methodology for this application. Industry "standard" for this application is Standby Rider approach for PURPA qualified facilities. It will be done consistent with direction of Commission to prevent a subsidy across rate classes. We will develop a Standby Rider for the Large Power Coincident Peak customer class that will apply to the VA. It will be based on the Cost of Service analysis performed by our rate consultant NewGen. PWC will purchase any excess electricity produced by the VA at PWC's avoided costs.

Standby Rate Methodology

Mr. Brown stated the Standby Rider would be developed by NewGen based on their Cost of Service study for the Large Power Coincident Peak

- Will be a demand charge based upon the nameplate capacity of the PURPA qualified unit
 - ▶ For all capacity and energy purchased by the VA from PWC the VA bill will reflect standard Large Power Coincident Peak charges in addition to the Standby Rider charges
 - ▶ When the Commission looks at Electric Rates in the Spring of 2020, we will develop Standby rates for the other rate classes following the same methodology

If the Commission concurs with the methodologies presented for both the Community Solar and Large Power Coincident Peak Standby rates, to set a Public Hearing for these rates for September 11, 2019, along with the proposed modifications to the Buy All Sell All Rider and other primary non-residential rates, at the Public Hearing we will present the following:

- the Community Solar Rider developed using the staff's recommended economics presented today
- the Cost of Service-based Standby Rider for PURPA qualifying facilities for the Large Power Coincident Peak Rate class

Commissioner Rogers asked once the standby rate is in place will there be additional negotiations with the VA. Mr. Trego stated there are terms and conditions we will need to negotiate. He also stated we are using a standard methodology the VA is familiar with.

Commissioner Huff motioned to set the Public Hearing for September 11, 2019 for the Community Solar and Large Power Coincident Peak Standby rates. The motion was seconded by Commissioner Fowler, and unanimously approved.

DISCUSSION REGARDING PROPOSED DONATION OF PARCEL TO FAYETTEVILLE STATE UNIVERSITY (FSU)

Presented by: David W. Trego, CEO/General Manager & Jamie West, Chief Legal Officer and General Counsel

Mr. Trego stated Jamie West will go over the maps, but this discussion relates to the community center that the City and Fayetteville State University (FSU) have an agreement to put at the corner of Filter Plant and Murchison Rds. It involves a number of properties that Jamie West (General Counsel) will go over. One of the properties is under the management and control of PWC. Staff is recommending we assist in this effort.

Mr. West stated in late 2018, the City, FSU and the FSU Foundation entered into a Memorandum of Understanding (MOU) to acquire to the extent not already owned the properties at Murchison Road and Filter Plant Road. Mr. West pointed to areas on the map that are owned by FSU Foundation, private land owners, and areas owned by the City, or controlled by PWC. The concept of the MOU was for the parties to collect ownership of the entire area and then to recombine it and allocate between them for the building of a senior center for the City and a wellness center for FSU.

After the MOU was signed, the City contacted the Chair by letter in February 2019 and asked the Chair to relinquish control of the parcel (he pointed to the map) which is marked PWC, so the City can include it in the development of these parties. He stated the same letter invited PWC to carve out our easements.

Mr. West then displayed a map which showed easements for PWC's lines. Discussion ensued.

Commissioner Huff asked if we are being asked to move our lines or identify our lines. Mr. West responded we are trying to identify through easements where all the lines are located, so

all parties understand exactly where we have lines, either underground or overhead. Mr. Trego stated they are working around our lines. The general nature of the discussions was if we were to bring this to the Commission for consideration there would not be any cost associated. Discussion ensued.

Mr. West stated the issue with regard to relinquishing control to the City is in our Charter. There is a restriction on transfers to the City. We cannot transfer anything in excess of payment in lieu of taxes. His understanding is our Chair contacted the Mayor to inform him we can transfer the property without consideration to FSU under a specific statute that allows government to government transfers without consideration. We could not transfer to the City because it would violate the charter restriction. Our licensed appraiser valued the property at \$12,000; and the City's tax value is \$9,000. We would have to receive fair market value if we transferred to the City in order to comply with the transfer restrictions. We are trying to help the parties and transfer without consideration. In order to make the transfer, the grantee or receiving party has to agree to accept it. We have contacted FSU, they are evaluating the draft deed we have sent to them, but we have not heard back as of this meeting.

He stated one of the contingencies here today, is if you are going to recommend to City Council that they approve the transfer to FSU, it needs to be contingent upon FSU being willing accept. Mr. West stated we have notified FSU that we cannot transfer to the FSU Foundation without consideration. Mr. Trego stated Wilson Lacy telephone him regarding the transfer. He told him we cannot transfer to the foundation because of the restrictions in our statutes.

Mr. West asked for the Commission to refer this matter to City Council for approval of the transfer to FSU, contingent upon two things; (1) Fayetteville State University indicating their willingness to accept the transfer; and (2) receiving easements back from the City and Fayetteville State University Foundation acknowledging the existence and location of our lines and easements so we will not have problems going forward.

Commissioner Huff motioned to accept staff's recommendation to forward the matter to City Council for approval of the transfer to FSU, contingent upon two things; (1) Fayetteville State University indicating their willingness to accept the transfer; and (2) receiving easements back from the City and Fayetteville State University Foundation acknowledging the existence and location of our lines and easements so we will not have problems going forward. Motion was seconded by Commissioner Fowler, and unanimously approved.

Mr. West acknowledged the work of Rodney Maness and his group (Water Resources) in creating the maps; he stated Rodney Maness painstakingly identified all the lines and easements. He also recognized Jim Autry for his assistance as well.

Commissioner Rogers stated this project has become somewhat of an issue because the City made this agreement with FSU without considering the asset is under our management and control. We will endeavor to find a better working appreciation that if it is under our control, the City needs to recognize the Commission has to agree.

GENERAL MANAGER REPORT

It was publicly known there were a number of homeowner associations that had dams damaged during Hurricane Matthew. They sued the City and PWC for having some impact in damaging those; that there was public use. It was related to stormwater. We were tied into the lawsuit and contested it. We attained a judge's order that basically dismissed PWC from the lawsuits.

Mr. West stated both the City and PWC were defendants in the lawsuit. Both parties filed motions to dismiss. The basis for the City's motion to dismiss was a federal doctrine that says you have to seek all your remedies is State Court before you go to Federal Court; as well as a statute of limitations which meant they did not file their claims in time. The basis for our defense was essentially we are only responsible for electric, water and wastewater, and they seem to be confusing wastewater for stormwater. Unfortunately for the City, the State Supreme Court overturned the first doctrine regarding the limitations on federal jurisdiction; and the court also stated the questions related to the statute of limitations were factual questions and were not appropriate for resolution in a motion to dismiss. They denied the City's motion to dismiss. But they reviewed all the filings we submitted, include an affidavit from Joe Glass that explained what we do and how our system works, and how it is unrelated to stormwater. The Court properly ruled that the plaintiffs failed to allege that somehow the failure of our sewer system contributed to the stormwater damage. On that basis the court dismissed the claim against us.

ElectriCities Annual Conference

Mr. Trego thanked all the Commissioners who attended the annual conference. He stated PWC was well represented. He, Mr. Brown, Mr. Rynne, gave presentations. Ms. Justice-Hinson participated in a panel discussion. Commissioner Rogers gave a presentation. He appreciates everyone's hard work.

They talked about Community Solar, as well as Time of Use Rates, there were a lot of questions asked about it (off line). They are getting some headlines. There are other municipals who are putting in AMI meters, who were extremely interested in what we are doing. When we get a year's worth of data, we will report it to ElectriCities.

COMMISSIONER/LIAISON COMMENTS

Commissioner Rogers

BBR - The BBR will be January 30, 2020. The Chamber is sponsoring this event with us. He expressed appreciation to the staff, and Mr. Trego in particular.

Tier One - He also mentioned the Tier One that Mayor Colvin put in place in January. He stated they had their most productive meeting two weeks ago. In this meeting the respective organizations articulated all the projects they are working on over the next five years. It is very clear there is a lot of overlap in the projects that people are seeking to do. This means there is some collaboration that should and could take place to be more effective. He will communicate this information out. Mr. Trego stated the other part of it that was very interesting. There were some impressive initiatives groups are doing that no one knew about, which is part of that lack of communication.

PWC Strategic Planning - We are about to begin our strategic planning process. He and Commissioner Shaw will meet with Mr. Trego after this meeting and update the other Commissioners on their thoughts.

Commissioner Fowler

He stated he noticed some chatter on Facebook about PWC.

Commissioner Shaw

Thanked the commission for allowing her to go to the ElectriCities conference. She stated she learned a lot. PWC is very well thought of. She stated whatever you are doing, it is working. People acknowledged in conversations with her how great a job PWC is doing, and they recognized our initiatives.

County Commissioner Boose

Commissioner Boose also acknowledged the lack of communication on the part of the County. Additional discussion ensued.

REPORTS AND INFORMATION

The Commission acknowledges receipt of the following reports and information.

- A. Monthly Cash Flow Report
 - > June 2019
 - ➤ July 2019
- B. Recap of Uncollectible Accounts
 - > June 2019
 - ➤ July 2019
- C. Investment Report
 - > June 2019
 - ➤ July 2019
- D. Monthly Incident Summary July 2019
- E. Personnel Report July 2019
- F. Position Vacancies
- G. Approved N.C. Department of Transportation Encroachment Agreement(s):
 - ➤ Encr. #18775 install. of 8" watermain, gate valve, and rehab of an 8" sewer line on SR 600 (McArthur Rd).
 - Encr. 18809 install. of 2" water laterals on NC59
- H. Approved Utility Extension Agreement(s):
 - ➤ E/W/S to serve Holiday Inn Express, located @ 1894 Cedar Creek Rd.
 - ➤ W/S to serve Cypress Lakes Village Phase 7
 - ➤ E/W/S to serve Lakedale Subdivision Section Two, Phase 1, 2, & 3
- I. Actions by City Council during the meeting of August 12, 2019, related to PWC:
 - ➤ Approved Bid Recommendation Ferric Sulfate Liquid
 - ➤ Approved Bid Recommendation Annual Steel Poles

- > Approved Bid Recommendation Cottonade Water Main Replacement
- ➤ Approved Bid Recommendation Annual LED Luminaires

ADJOURNMENT

There being no further business, upon motion by Commissioner Fowler and seconded by Commissioner Shaw, and unanimously approved, the meeting adjourned at 9:37 a.m.

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PUBLIC WORKS COMMISSION ACTION REQUEST FORM

TO: David W. Trego, CEO/General Manager	DATE: September 5, 2019
FROM: Trent Ensley, Procurement Manager	
ACTION REQUESTED: Approve award for twith HD150ABDW Service Body and PTO Mount	he purchase of two (2) Cab and Chassis Equipped nted Compressor.
BID/PROJECT NAME: Two (2) Cab and Chas PTO Mounted Compressor.	sis Equipped with HD150ABDW Service Body and
BID DATE: August 20, 2019	DEPARTMENT: Water Construction & Maintenance
BUDGET INFORMATION: Total funding in a purchase in the FY2020 budget, Water Constructi 2006201805 and 2006201836.	
BIDDER	TOTAL COST
H&H Truck, Fayetteville, NC	\$244,054.00
AWARD RECOMMENDED TO: H&H Truck	, Fayetteville, NC
BASIS OF AWARD: Lowest responsive, respon	nsible bidder
Chassis Equipped with HD150ABDW Service B lowest responsive, responsible bidder H&H Truc through our normal channels on July 22, 2019. extend the bid opening date from August 13, 2	pprove award for the purchase of two (2) Cab and ody and PTO Mounted Compressor purchase to the k, Fayetteville, NC. Notice of the bid was advertised Addendum No. 1 was issued on August 9, 2019 to 019 to August 20, 2019. Bids were solicited from Fleet staff concurs it is in the best interest of PWC lle, NC .
	ACTION BY COMMISSION APPROVEDREJECTED DATE
	ACTION BY COUNCIL APPROVEDREJECTED DATE

BID HISTORY

TWO (2) CAB AND CHASSIS EQUIPPED WITH HD150ABDW SERVICE BODY AND PTO MOUNTED COMPRESSOR

BID DATE: AUGUST 20, 2019

Advertisement

1. PWC Website 07/22/19 through 08/20/19 Addendum No. 1 08/09/19 through 08/20/19

List of Organizations Notified of Bid

- 1. NAACP Fayetteville Branch, Fayetteville, NC
- 2. NAWIC, Fayetteville, NC
- 3. N.C. Institute of Minority Economic Development, Durham, NC
- 4. Fayetteville Business & Professional League, Fayetteville, NC
- 5. SBTDC, Fayetteville, NC
- 6. FTCC Small Business Center, Fayetteville, NC
- 7. Greater Fayetteville Chamber, Fayetteville, NC
- 8. Center for Economic Empowerment & Development (CEED), Fayetteville, NC

List of Prospective Bidders

- 1. Cooper Kenworth Trucks, Raleigh, NC
- 2. Smith International Truck Center, Fayetteville, NC
- 3. Piedmont Ford Truck Sales, Greensboro, NC
- 4. Advantage Truck Center, Charlotte, NC
- 5. Tri-Point Truck Center, Raleigh, NC
- 6. Charlotte Truck Center, Charlotte, NC
- 7. Lafayette Ford, Fayetteville, NC
- 8. H&H Truck, Fayetteville, NC
- 9. Transource, Raleigh, NC
- 10. Asheville Ford, Asheville, NC
- 11. Capital Ford, Raleigh, NC

SDBE Participation

H&H Truck, Hope Mills, NC is a Local Business that is not classified as a SDBE, minority or woman-owned business.

PUBLIC WORKS COMMISSION ACTION REQUEST FORM

TO: David W. Trego, CEO/General Manager	DATE: September 4, 2019
FROM: Trent Ensley, Procurement Manager	
ACTION REQUESTED: Approve award for the	ne purchase of three (3) 4x4 Pickups.
BID/PROJECT NAME: Three (3) 4x4 Pickups	
BID DATE: August 20, 2019	DEPARTMENT: Electric Construction & Maintenance
BUDGET INFORMATION: Total funding in the FY2020 budget, Electric Construction and Mainter 2008201804 and 2008201847 to replace Unit #261	nance Capital Budget Codes: 2008201769,
BIDDERS	TOTAL COST
Cooper Ford, Carthage, NC Lafayette Ford, Fayetteville, NC	\$96,519.00 \$97,109.00
	•••••
AWARD RECOMMENDED TO: Cooper Ford,	Carthage, NC
BASIS OF AWARD: Lowest responsive, respon	sible bidder
to the lowest responsive, responsible bidder Coadvertised through our normal channels on July 2	rove award for the purchase of three (3) 4x4 Pickups oper Ford, Carthage, NC. Notice of the bid was 2, 2019. Addendum No. 1 was issued on August 9, t 13, 2019 to August 20, 2019. Bids were solicited ding.
	. CONTROL DE CONTROL D
	ACTION BY COMMISSION APPROVEDREJECTED DATE
	ACTION BY COUNCIL APPROVEDREJECTED DATE

BID HISTORY

THREE (3) 4X4 PICKUPS

BID DATE: AUGUST 20, 2019

Advertisement

1. PWC Website Addendum No. 1

07/22/19 through 08/20/19 08/09/19 through 08/20/19

List of Organizations Notified of Bid

- 1. NAACP Fayetteville Branch, Fayetteville, NC
- 2. NAWIC, Fayetteville, NC
- 3. N.C. Institute of Minority Economic Development, Durham, NC
- 4. Fayetteville Business & Professional League, Fayetteville, NC
- 5. SBTDC, Fayetteville, NC
- 6. FTCC Small Business Center, Fayetteville, NC
- 7. Greater Fayetteville Chamber, Fayetteville, NC
- 8. Center for Economic Empowerment & Development (CEED), Fayetteville, NC

List of Prospective Bidders

- 1. Cooper Kenworth Trucks, Raleigh, NC
- 2. Smith International Truck Center, Fayetteville, NC
- 3. Piedmont Ford Truck Sales, Greensboro, NC
- 4. Advantage Truck Center, Charlotte, NC
- 5. Tri-Point Truck Center, Raleigh, NC
- 6. Charlotte Truck Center, Charlotte, NC
- 7. Lafayette Ford, Fayetteville, NC
- 8. H&H Truck, Fayetteville, NC
- 9. Transource, Raleigh, NC
- 10. Ashville Ford, Ashville, NC
- 11. Capital Ford, Raleigh, NC

SDBE Participation

Cooper Ford, Carthage, NC is not classified as a SDBE, minority or woman-owned business.

PUBLIC WORKS COMMISSION ACTION REQUEST FORM

TO: David W. Trego, CEO/General Manager	DATE: September 4, 2019		
FROM: Trent K. Ensley, Procurement Manager			
ACTION REQUESTED: Approve contract award for Inventory Steel Poles. These poles will be used to support the planned replacement of wood poles. This project is will provide seven (7) various types of steel poles for a one year period, with the right to order quantities for an additional (3) year period, if agreed upon by both parties.			
BID/PROJECT NAME: Inventory Steel Poles			
BID DATE: August 15, 2019 DEPARTMENT: 1	Electric Inventory		
BUDGET INFORMATION: Funding for this project will be	funded from Inventory.		
•••••	•••••		
BIDDERS	TOTAL COST		
Meyer Utility Structures, LLC, Memphis, TN 38815 TAPP, Inc., Houston, TX 77066 Shealy Electrical Wholesales (Keystone), Greenville, SC 29607 MD Henry Company, Inc., Pelham, AL 35124 Rohn Products, LLC, Peoria, IL 61603 Shealy Electrical Wholesales (MICA), Greenville, SC 29607 Summit Utility Structures LLC, Allentown, PA 18103 Valmont Newmark, Valley, NE 68064 Sabre Industries, Alvarado, TX 796009	\$ 361,704.00 \$ 384,100.00 \$ 390,069.55 \$ 426,636.00 \$ 466,950.00 \$ 474,121.00 \$ 489,757.00 \$ 681,492.00 \$ 695,695.00		
Meyer Utility Structures, LLC, Memphis, TN 38815 TAPP, Inc., Houston, TX 77066 Shealy Electrical Wholesales (Keystone), Greenville, SC 29607 MD Henry Company, Inc., Pelham, AL 35124 Rohn Products, LLC, Peoria, IL 61603 Shealy Electrical Wholesales (MICA), Greenville, SC 29607 Summit Utility Structures LLC, Allentown, PA 18103 Valmont Newmark, Valley, NE 68064	\$ 361,704.00 \$ 384,100.00 \$ 390,069.55 \$ 426,636.00 \$ 466,950.00 \$ 474,121.00 \$ 489,757.00 \$ 681,492.00		
Meyer Utility Structures, LLC, Memphis, TN 38815 TAPP, Inc., Houston, TX 77066 Shealy Electrical Wholesales (Keystone), Greenville, SC 29607 MD Henry Company, Inc., Pelham, AL 35124 Rohn Products, LLC, Peoria, IL 61603 Shealy Electrical Wholesales (MICA), Greenville, SC 29607 Summit Utility Structures LLC, Allentown, PA 18103 Valmont Newmark, Valley, NE 68064	\$ 361,704.00 \$ 384,100.00 \$ 390,069.55 \$ 426,636.00 \$ 466,950.00 \$ 474,121.00 \$ 489,757.00 \$ 681,492.00 \$ 695,695.00		
Meyer Utility Structures, LLC, Memphis, TN 38815 TAPP, Inc., Houston, TX 77066 Shealy Electrical Wholesales (Keystone), Greenville, SC 29607 MD Henry Company, Inc., Pelham, AL 35124 Rohn Products, LLC, Peoria, IL 61603 Shealy Electrical Wholesales (MICA), Greenville, SC 29607 Summit Utility Structures LLC, Allentown, PA 18103 Valmont Newmark, Valley, NE 68064 Sabre Industries, Alvarado, TX 796009	\$ 361,704.00 \$ 384,100.00 \$ 390,069.55 \$ 426,636.00 \$ 466,950.00 \$ 474,121.00 \$ 489,757.00 \$ 681,492.00 \$ 695,695.00		
Meyer Utility Structures, LLC, Memphis, TN 38815 TAPP, Inc., Houston, TX 77066 Shealy Electrical Wholesales (Keystone), Greenville, SC 29607 MD Henry Company, Inc., Pelham, AL 35124 Rohn Products, LLC, Peoria, IL 61603 Shealy Electrical Wholesales (MICA), Greenville, SC 29607 Summit Utility Structures LLC, Allentown, PA 18103 Valmont Newmark, Valley, NE 68064 Sabre Industries, Alvarado, TX 796009	\$ 361,704.00 \$ 384,100.00 \$ 390,069.55 \$ 426,636.00 \$ 466,950.00 \$ 474,121.00 \$ 489,757.00 \$ 681,492.00 \$ 695,695.00		

COMMENTS: The Commission is asked to approve award of a contract to Meyer Utility Structures, LLC, Memphis, TN 38815, for delivery of steel poles supporting the planned replacement of wood poles. This will be a one (1) year contract, with the right to order quantities for an additional three (3) year period, if agreed upon by both parties. Meyer Utility Structures, LLC, Memphis, TN 38815, was the lowest responsive, responsible bidder. Notice of the bid was advertised through our normal channels on August 1, 2019 with a bid opening date of August 15, 2019. Award is recommended to Meyer Utility Structures, LLC.

ACTION BY CO	MMISSION	
APPROVED	REJECTED	
DATE		
ACTION BY CO	UNCIL	
APPROVED	REJECTED	
DATE		

BID HISTORY Inventory Steel Poles RID DATE: AUGUST 15, 2010

BID DATE: AUGUST 15, 2019

Consulting Engineer

N/A

Advertisement

1. PWC Website 08/01/2019 through 08/15/2019

2. The Fayetteville Press General Monthly Ad

List of Prospective Bidders

- 1. Meyer Utility Structures, Memphis, TN 38125
- 2. Valmont/Newmark, Valley, NE 68064
- 3. MD Henry Company, Inc., Pelham, AL 35124
- 4. Shealy, Greenville, SC 29607
- 5. TAPP, Inc., Houston, TX 77066
- 6. Rohn Products, LLC, Peoria, IL 61603
- 7. Summit Utility Structures LLC, Allentown, PA 18103
- 8. Sabre Industries, Alvarado, TX 796009

List of Organizations Notified of Bid

Small Business Administration Programs:

Small Business Administration Regional Office (SBA) NC Procurement & Technical Assistance Center (NCPTAC) Veterans Business Outreach Center (VBOC) Small Business Technology Center (SBTDC)

Women's Business Center of Fayetteville (WBC)

Local Business and Community Programs

FSU Construction Resource Office (FSUCRO)
FSU Economic Development Administration Program (FSUEDA)
NAACP, Fayetteville Branch
FTCC Small Business Center (SBC)
Greater Fayetteville Chamber, RFP Posting submitted
Hope Mills Chamber
Spring Lake Chamber
Fayetteville Business & Professional League (FBPL)

State Business and Community Programs

NC Institute of Minority Economic Development (The Institute) Durham, NC NAACP, State Branch Raleigh, NC National Utility Contracting Association- NC Chapter (NUCA) Durham Chapter of the National Association of Women in Construction (NAWIC) South Atlantic Region of National Association of Women in Construction (NAWIC)

The Hispanic Contractors Association of the Carolinas (HCAC)

United Minority Contractors of North Carolina

Media

Fayetteville Observer WIDU, AM1600 IBronco Radio at FSU Fayetteville Press News Up & Coming Weekly Bladen Journal

SDBE/Local Participation

SDBE/Local: There is no SDBE/Local participation. The bidder intends to perform 100% of the work.

PUBLIC WORKS COMMISSION ACTION REQUEST FORM

TO: David W. Trego, CEO/General Manager **DATE:** September 4, 2019

FROM: Trent Ensley, Procurement Manager

ACTION REQUESTED: Authorize staff to issue a purchase order in the amount of \$368,130.00 to ABB, Inc., Wickliffe, OH, 44092, for the purchase Console Upgrade to SPO 2.0 from 1.1 for the PWC Butler Warner Generation Plant HMI Upgrade, in accordance with N.C.G.S. 143-129(e)(6), commonly known as the "sole source" bidding exception.

COMMENTS: N.C.G.S. 143-129(e)(6) allows an exception to the bidding requirements for the purchase of apparatus, supplies, materials or equipment when a needed product is available from only one source of supply. ABB, Inc. is the only vendor world-wide who produces this product and meets the necessary requirements for the HMI Upgrade. The existing platform was built on ABB proprietary technology. Therefore, staff requests approval to issue a purchase order in the amount of \$368,130.00 for the purchase of the HMI Upgrade. Currently, the Commission needs to purchase a Site Console Upgrade to Symphony Plus Operations (SPO) 2.1 from the existing 1.1 platform for the PWC Butler Warner Generation Plant HMI Upgrade. The current System is operating off the System Version 1.1 which was sold to PWC back in 2012. This platform was sold on Dell Computers and Windows 7 / Server 2008 operating systems. Microsoft has decided to conclude support of Windows 7 / Service 2008 in January 2020. This is out of our control and we must create new versions of our software to comply and run on newer operating Systems. In addition, the Dell Workstations and Servers have a lifecycle of 5-7 years. This upgrade will provide a version of Windows called 2016 LTSB (Long Term Servicing Branch) that allows for industrial users to have extended support for the new version of Windows, so that it will no longer be the determining factor for these types of upgrades.

BUDGET INFORMATION: EL62 – ABB Control System Microsoft Windows Upgrade CPR1000435 - \$375,000.00. The amounts stated are the dollar amounts budgeted for engineering under the CIP project.

ACTION BY COMMISSION			
APPROVED	REJECTED		
DATE			



COMMUNITY SOLAR RIDER

AVAILABILITY Available throughout the electric service territory served by the Public Works Commission in accordance with the Commission's established Service Regulations and Charges.

<u>APPLICABILITY</u> Customer must have and maintain during the term of Customer's enrollment in the Community Solar program an active account to purchase metered electricity from the Commission, and Customer must execute an Enrollment Agreement in order to participate in this program.

RENEWABLE ENERGY CERTIFICATES All renewable energy certificates (RECs) and all other environmental attributes (including but not limited to "green tags") associated with or derived from the electricity generated by the solar panels that are subject to this Community Solar Rider and all of the economic and contractual rights associated with such RECs and other environmental attributes shall be retained by and belong exclusively to the Public Works Commission and may be used and retired by the Public Works Commission at its discretion for purposes of complying with G.S. 62-133.8, as amended.

DEFINITIONS

- **A. Bill Credit** is a monthly credit that will be applied to the Customer's PWC invoice during each whole month of the subscription period for each solar panel to which the Customer has subscribed.
- **B.** Enrollment Fee is the initial sign-up charge assessed to the Customer, calculated based upon the number of solar panels to which the Customer is subscribing.
- C. Subscribing or Subscription means the contractual arrangement by which the Customer licenses the right to use one or more solar panels under the Community Solar Rider solely for purposes of determining the Enrollment Fee owed by the Customer to PWC, the monthly Bill Credit owed by PWC to the Customer, and the monthly Subscription Fee owed by the Customer to PWC, provided that all such fees and credits shall remain subject to adjustment by the Commission from time to time after the first year following the initial Effective Date of this Rider.
- **D.** Subscription Fee is a monthly charge that will be applied to the Customer's PWC invoice during each whole month of the subscription period for each solar panel to which the Customer has subscribed.

ENROLLMENT An enrolling Customer may subscribe to as few as one solar panel and as many as the maximum number of solar panels specified below for the applicable Customer

CS Rider (Original)

Adopted Date:

Effective Date: Page 1 of 3



COMMUNITY SOLAR RIDER

Category. Subscriptions to solar panels are available on a first come, first served basis. A Customer must execute an Enrollment Agreement in order to subscribe to any solar panels and participate in this program. The enrollment fee will be charged to the Customer's Account on the bill when the subscription begins. The Enrollment Fee is non-refundable. Each enrolling Customer may cancel the Customer's enrollment in the Community Solar program upon delivery of written notice of termination to the Public Works Commission at any time. If an enrolled Customer moves to a new service address at which electricity is purchased from the Public Works Commission and the Customer stays within the same Customer Category, the Customer may transfer the Customer's enrollment in the Community Solar program to the new service address at no charge by giving prior written notice to the Public Works Commission of the account number(s) enrolled in the Community Solar program, the date of the move, the old Premises street address, and the new Premises street address. If an enrolled Customer transfers ownership of the Premises for which the enrollment was established, but does not transfer the enrollment to the Customer's new service address within the Public Works Commission's service territory, then the enrolled Customer may assign the enrollment to the new owner of the Premises for which the enrollment was initially established at no cost by giving prior written notice to the Public Works Commission of the proposed date of the transfer, the full names of the transferor Customer and the transferee Customer, the transferor's account number, and the street address of the Premises for which the enrollment is proposed to be transferred. All panels to which Customers have not subscribed by January 1, 2020 and all panels that have been the subject of an enrollment termination will be reallocated for subscription by any eligible Customer without regard to category, subject to the Per Customer Maximum amounts set forth below.

PANEL ALLOCATIONS

Customer Category	Per Customer Maximum	Category Allocation
Residential	5 panels	2,300
Non-Residential (except as set forth b	pelow) 5 panels	430
501(c)(3) Entities (and Churches)	5 panels	170
Cumberland County Schools	5 panels	170
Other Primary/Secondary Schools	5 panels	70
Fayetteville Technical CC	35 panels	N/A
Fayetteville State University	35 panels	N/A
Cumberland County	35 panels	N/A
City of Fayetteville	69 panels	N/A
Cape Fear Valley Hospital	35 panels	N/A
VA Hospital	35 panels	N/A

Adopted Date:

Effective Date: Page 2 of 3



COMMUNITY SOLAR RIDER

RATES:

The one-time **Enrollment Fee** is \$20 for the first solar panel and \$10 per solar panel for each additional solar panel to which a Customer subscribes.

MONTHLY RATE

Subscription Fee is \$1.53 per solar panel.

Bill Credit is \$2.514 per solar panel, rounded to the nearest whole cent.

TAX Applicable North Carolina Sales Tax will apply.



STANDBY SERVICE RIDER

Available throughout the electric service territory served by the Public Works Commission in accordance with the Commission's established Service Regulations and Charges to a Customer in conjunction with the Customer purchasing electricity from the Public Works Commission on the Large Power Coincident Peak Service Rate Schedule and having generation equipment not held solely for emergency use and for which the Commission's service may be substituted either directly or indirectly. This Rider is not available for temporary or seasonal service.

APPLICABILITY If a Customer installs self-owned generation, then the Customer must: (1) execute a Utility Purchase Agreement specifying a Contract Demand for the anticipated consumption of electricity from the Public Works Commission and agree to purchase Standby Service Capacity under this Rider in an amount equal to the difference between the Customer's most recent typical Customer Peak Demand and the Contract Demand, provided that if the Customer is new or otherwise lacks a recent typical Customer Peak Demand, then the Customer Peak Demand shall be estimated by the Public Works Commission in its discretion on the basis of the Customer's anticipated electricity consumption pattern (or load curve), and provided further that the Public Works Commission reserves the right to review for reasonableness and adjust the Contract Demand and Standby Service Capacity from time to time in order to prevent or reduce manipulation by the Customer; (2) execute an Interconnection Agreement; (3) allow PWC to install a meter to measure the self-owned generation for which the Customer shall pay an Extra Facilities charge; and (4) continue to purchase electricity from the Public Works Commission on the Large Power Coincident Peak Service Rate Schedule for all electricity consumed by the Customer in excess of selfgeneration. If during the Customer's highest single hour total load during each month, based on the aggregate meter readings at the Customer's point of delivery (the grid meter) and the meter on the Customer's self-owned generation (the facility meter), the aggregate load exceeds the total of the Contract Demand and the Standby Service Capacity (which total is the "Allowed Load"), then: (a) if the load on the grid meter exceeds the Contract Demand, then the Contract Demand will be subject to an automatic ratchet increase to the grid meter load; and (b) if the load on the facility meter exceeds the Standby Service Capacity, then the Standby Service Capacity will be subject to an automatic ratchet increase to the facility meter load. Each ratchet increase will be applied in the month of exceedance and thereafter until a subsequent exceedance, at which point the new higher ratchet will begin to apply.

MONTHLY RATE

The Customer shall pay monthly a **Standby Service Capacity Charge** of: \$6.70 per kW

If the Customer utilizes Standby Service Capacity by consuming electricity from PWC in excess of the Customer's Contract Demand, then the Customer shall pay for all consumed capacity and energy under the applicable rate schedule based upon the Customer's metered

STANDBY (Original)

Adopted Date:

Effective Date: Page 1 of 2



STANDBY SERVICE RIDER

consumption, but the Customer shall receive a **Standby Credit** of \$2 per kW for consumption that is in excess of the Contract Demand but less than the Allowed Load.

A **Primary Discount** will be applied to both the **Standby Service Capacity Charge** and the **Standby Credit** if the Customer takes service directly from PWC's distribution lines of 7,200 volts or higher, but less than 66,000 volts, and the Customer owns, operates, and maintains the equipment normally otherwise provided by the Public Works Commission. The **Primary Discount** is: **\$ 0.50 per kW.**

If the Customer's self-owned generation is a Qualifying Facility under the Public Utility Regulatory Policies Act (PURPA), CFR Title 18, Chapter 1, Part 292, Subpart B with a nameplate capacity less than one MW, energy exported from the Customer's self-owned generation to PWC shall be compensated monthly at the variable

Avoided Cost Rate of: \$0.04114 per kWh

<u>PAYMENTS</u> All bills shall be paid in accordance with the terms of the Service Regulations and Charges.

TAX Applicable North Carolina Sales Tax will apply.

Effective Date: Page 2 of 2

Open Commission Requests As of 9-11-19

Commission	Presentation/Discussion Item	Presenter (Staff)
Meeting Date		
To be Determined	Discuss Employees' Compensation Policy outside the Max Payscale	D. Trego
	Requested by: Commissioner Rogers/Lallier – 7/27/16	B. Russell
To be Determined	Presentation on Customer Segmentation Relative to Smart Grid.	M. Brown
	Requested by: Commissioner Rogers – 2/24/16	
COMPLETED	Develop criteria for determining successful design-build projects, including	M. Noland
February 13, 2019	evaluating the completed projects against expectations.	J. Michel
	Requested by: Commissioner Rogers 11-3-17 (via email)	
To be Determined	Action Items as a result of the budget discussions:	
	Provide update on the age of the system: where we are/what changed –	M. Noland – J. Allen
	COMPLETED – 6-26-19	
	Provide cost analysis of the Wellness Program	
	Ridership of the Faster Bus versus cost	
	Requested by: Commissioner Rogers 5-8-19	
COMPLETED	Research how PWC compares to Greensboro and Winston Salem regarding	D. Trego
(VIA EMAIL)	water/wastewater rates and fees.	
February 27, 2019	Requested by: Commission – 2-27-19	
COMPLETED	Review of Fleet Management Services Agreement	S. Fritzen
City Selected New	Updated: 1/20/17	
Vendor		

PREVIOUSLY CLOSED COMMISSION REQUESTS HAVE BEEN ARCHIVED

August 1-31, 2019

Personnel Report

	AUTHORIZED	ACTUAL	Part -time	CONTRACT	VACANT	Charle bu
DIVISION	POSITIONS	EMPLOYEES	Employees	POSITIONS	POSITIONS	Staff by Temp Agency
MANAGEMENT						
Executive	11	5			6	
Customer Programs Admin	1	1				
Human Resources Admin	1	1				
Communications/Comm Rel	1	1				
Corporate Services Admin	1	1				
Information Tech Admin	1	1				
Financial Administration	1	1				
Water Administration	1	1				
Electric Administration	1	1				
Total	19	13	0	0	6	
COMM/COMM REL						
Communications/Comm Relations	4	4				
Total	4	4	0	0	0	
HUMAN RESOURCES						
Human Resources	7	7				
Medical	1	1				
Safety	1	1				
Total	9	9	0	0	0	
CUSTOMER PROGRAMS						
Programs Call Center	11	11				
Development & Marketing	4	4				
Water Meter Shop	2	2				
Electric Meter Shop	2	2				
Utility Field Services	19	19				
Meter Data Management	6	5			1	
Total	44	43	0	0	1	
CORPORATE SERVICES						
Project Management	18	15			3	
Warehouse	13	12			1	
Fleet Maintenance	33	33				
Facilities Maintenance	7	7				1
Total	71	67			4	1
INFORMATION SYSTEMS						
Information Systems	3	3				
Telecommunications	11	10			1	
Applications Support	10	8			2	
End User Computing	6	5			1	
Total	30	26	0	0	4	

August 1-31, 2019 Page 2

r age z	AUTHORIZED	ACTUAL	Part -time	CONTRACT	VACANT	Staff by
DIVISION	POSITIONS	EMPLOYEES	Employees	POSITIONS	POSITIONS	Temp Agency
FINANCIAL						or Part-time
Accounting	18	17			1	
Payroll	2	1			1	
Customer Accts Call Center	40	*41			1	2
Customer Service Center	15	15				
Cust Billing & Collection	7	7				
Risk Management	3	3				1
Environmental Compl	1	1				
Property & ROW Mgmt	5	5				
Internal Auditing	1	1				
Budget	2	2				
Rates & Planning	2	2				
Financial Planning Admin	5	5				
Purchasing	8	5			3	1
Total	109	104	0	0	5	4
WATER RESOURCES						
W/R Engineering	36	33			3	
W/R Construction	103	99			4	
P.O. Hoffer Plant	10	9			1	1
Glenville Lake Plant	7	7				1
W/WW Facilities Maint.	25	25				1
Cross Creek Plant	11	11				
Rockfish Plant	8	8				
Residuals Management	2	2				
Environmental Services	1	1				
Laboratory	6	6				
W/R Environ. Sys. Prot.	4	4				
Watersheds	1	1				1
Total	214	206	0	0	8	4
DIVISION	AUTHORIZED POSITIONS	ACTUAL EMPLOYEES	Part -time Employees	CONTRACT POSITIONS	VACANT POSITIONS	Staff by Temp Agency
ELECTRIC						
Electrical Engineering	23	22			1	1
Fiber	2	2				
Electric Construction	82	76			6	
Substation	14	14				
Apparatus Repair Shop	5	5				
CT Metering Crews	4	4				
Compliance	3	3				
Power Supply SEPA	0	0				
Power Supply Progress Energy	0	0				
Generation	26	*29			1	
Total	159	151		0	8	1
TOTAL	659	623	0	0	36	10

^{*2} temporary overstaff in Customer Service



FAYETTEVILLE PUBLIC WORKS COMMISSION 955 OLD WILMINGTON RD P.O. BOX 1089 FAYETTEVILLE, NORTH CAROLINA 28302-1089 TELEPHONE (910) 483-1401 WWW.FAYPWC.COM

September 4, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Brittany Sisco

Brittany.Sisco@faypwc.com

SUBJECT: Job Vacancy

Position: W/R Collections System Inspector

(Functional Employment Testing Required)

DEPARTMENT: Water Resources Construction

Hours: Monday-Friday 7:30AM- 4:00PM

(On call and overtime as required)

GRADE LEVEL: 406 \$22.00- \$27.50 /Hourly

QUALIFICATIONS & DUTIES: Any "regular" employee may apply to the Human Resources Department. Please log into EBS, I-Recruitment, Employee Candidate to apply for this position no later than <u>5pm</u>, <u>September 18th</u>, <u>2019</u>.



FAYETTEVILLE PUBLIC WORKS COMMISSION 955 OLD WILMINGTON RD P.O. BOX 1089 FAYETTEVILLE, NORTH CAROLINA 28302-1089 TELEPHONE (910) 483-4401 WWW.FAYPWC.COM

September 3, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Rhonda Fokes

rhonda.fokes@faypwc.com

SUBJECT: Job Vacancy

POSITION: Customer Service Representative

DEPARTMENT: 0420 –Customer Accounts Call Center

HOURS: Monday – Friday 11am – 8pm

Extended hours as required

GRADE LEVEL: 403 \$15.96 - \$19.95/Hourly

<u>Qualifications & Duties:</u> Any "regular" employee may apply to the Human Resources Department by logging into EBS/I-Recruitment/Employee Candidate to apply for this position by <u>5pm September 16, 2019</u>.



FAYETTEVILLE PUBLIC WORKS COMMISSION 955 OLD WILMINGTON RD P.O. BOX 1089 FAYETTEVILLE, NORTH CAROLINA 28302-1089 TELEPHONE (910) 483-1401 WWW.FAYPWC.COM

September 3, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Adrian Clarke

Adrian.Clarke@faypwc.com

SUBJECT: Job Vacancy

Position: Applications Analyst

DEPARTMENT: Information Systems

HOURS: MONDAY-FRIDAY 8AM TO 5PM

GRADE LEVEL: 413X - \$74,772.11-\$93,465.15

QUALIFICATIONS & DUTIES: Any "regular" employee may apply to the Human Resources Department. Please log into EBS, I-Recruitment, Employee Candidate to apply for this position no later than 5pm, September 17^{th} , 2019.



FAYETTEVILLE PUBLIC WORKS COMMISSION 955 OLD WILMINGTON RD P.O. BOX 1089 FAYETTEVILLE, NORTH CAROLINA 28302-1089 TELEPHONE (910) 483-1401 WWW.FAYPWC.COM

August 30, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Brittany Sisco

Brittany.Sisco@faypwc.com

SUBJECT: Job Vacancy

Position: W/R Facilities Maintenance Coordinator

(Functional Employment Testing Required)

DEPARTMENT: Water Resources Facilities Maintenance

Hours: Monday-Friday 7:00AM- 3:30PM

(On call and overtime as required)

GRADE LEVEL: 407X \$26.76- \$33.45 /Hourly

QUALIFICATIONS & DUTIES: Any "regular" employee may apply to the Human Resources Department. Please log into EBS, I-Recruitment, Employee Candidate to apply for this position no later than <u>5pm</u>, <u>September 13th</u>, <u>2019</u>.



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August 30, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Brittany Sisco

Brittany.Sisco@faypwc.com

SUBJECT: Job Vacancy

POSITION: W/R TREATMENT PLANT OPERATOR

(Functional Employment Testing Required)

DEPARTMENT: Rockfish Creek WRF

HOURS: 12 HOUR ROTATING PERMANENT NIGHT SHIFT 7:00PM- 7:00AM

GRADE LEVEL: 405 \$19.78- \$24.73 /Hourly

QUALIFICATIONS & DUTIES: Any "regular" employee may apply to the Human Resources Department. Please log into EBS, I-Recruitment, Employee Candidate to apply for this position no later than <u>5pm</u>, <u>September 13th</u>, 2019.



FAYETTEVILLE PUBLIC WORKS COMMISSION 955 OLD WILMINGTON RD P.O. BOX 1089 FAYETTEVILLE, NORTH CAROLINA 28302-1089 TELEPHONE (910) 483-4401 WWW.FAYPWC.COM

August 27, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Rhonda Fokes

rhonda.fokes@faypwc.com

SUBJECT: Job Vacancy

POSITION: Lead Accounting Technician

DEPARTMENT: 0410 – Accounting

HOURS: Monday – Friday 8:00am – 5:00pm

Extended hours may be required

GRADE LEVEL: 406 \$22.00 - \$27.50 hourly

<u>Qualifications & Duties:</u> Any "regular" employee may apply to the Human Resources Department by logging into EBS/I-Recruitment/Employee Candidate to apply for this position by 5pm September 11, 2019.



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August 27, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Rhonda Fokes

rhonda.fokes@faypwc.com

SUBJECT: Job Vacancy

POSITION: Accountant

DEPARTMENT: 0410 – Accounting

HOURS: Monday – Friday 8:00am – 5:00pm

Extended hours may be required

GRADE LEVEL: 407 \$24.80 - \$31.00 hourly

<u>Qualifications & Duties:</u> Any "regular" employee may apply to the Human Resources Department by logging into EBS/I-Recruitment/Employee Candidate to apply for this position by 5pm September 11, 2019.



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August 26, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Kim Long

Kim.Long@FAYPWC.COM

SUBJECT: Job Vacancy

POSITION: LINEWORKER 3RD CLASS

DEPARTMENT: 0820- Electric Construction

HOURS: Monday-Friday 7:00am-3:30pm

Overtime and on-call as required

FET Required

GRADE LEVEL: 405X- \$21.37-\$26.72/Hour

QUALIFICATIONS & DUTIES: Any "regular" employee may apply to the Human Resources Department. Please log into EBS, I-Recruitment, Employee Candidate to apply for this position by 5pm, September 9, 2019.



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August 26, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Kim Long

Kim.Long@FAYPWC.COM

SUBJECT: Job Vacancy

POSITION: LINEWORKER 1ST CLASS UG

DEPARTMENT: 0820- Electric Construction

HOURS: Monday-Friday 7:00am-3:30pm

Overtime and on-call as required

FET Required

GRADE LEVEL: 407X- \$26.76-\$33.45/Hour

QUALIFICATIONS & DUTIES: Any "regular" employee may apply to the Human Resources Department. Please log into EBS, I-Recruitment, Employee Candidate to apply for this position by 5pm, September 9, 2019.



FAYETTEVILLE PUBLIC WORKS COMMISSION 955 OLD WILMINGTON RD P.O. BOX 1089 FAYETTEVILLE, NORTH CAROLINA 28302-1089 TELEPHONE (910) 483-1401 WWW.FAYPWC.COM

August 26, 2019

MEMO TO: ALL PWC EMPLOYEES

FROM: Adrian Clarke

Adrian.Clarke@faypwc.com

SUBJECT: Job Vacancy

Position: End User Device Analyst

DEPARTMENT: Information Systems

HOURS: MONDAY-FRIDAY 8AM TO 5PM

GRADE LEVEL: 411 - \$56,973.55 to \$71,216.94

QUALIFICATIONS & DUTIES: Any "regular" employee may apply to the Human Resources Department. Please log into EBS, I-Recruitment, Employee Candidate to apply for this position no later than <u>5pm</u>, September 9th, 2019.