



MICHAEL G. LALLIER, COMMISSIONER  
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**PUBLIC WORKS COMMISSION**  
OF THE CITY OF FAYETTEVILLE

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*ELECTRIC & WATER UTILITIES*

**PUBLIC WORKS COMMISSION**  
**MEETING OF WEDNESDAY, DECEMBER 10, 2014**  
**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 November 12, 2014
- B. Approval of the following recommended bid awards (with the option to purchase additional quantities within a one-year period upon the agreement of both parties) for the purchase of Tubular Galvanized Steel Poles to be used for FY2015 pole replacement projects and forward to City Council for approval. These poles are inventory items that will be charged to projects as they are used.

Bids were received October 28, 2014, as follows:

1. Transamerican Power Products, Houston, TX, lowest bidder in the amount of \$93,000.00 for purchase of 25 Tubular Galvanized Steel Poles, 75 ft., S-04.9 (PWC Stock # 1-220-665).

This item was last purchased in October 2012 at \$4,287.00 each. The current bid price is \$3,905.00 each.

**BUILDING COMMUNITY CONNECTIONS SINCE 1905**

**AN EQUAL EMPLOYMENT OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER**

<u>Bidders</u>	<u>Total Cost</u>
Transamerican Power Products, Houston, TX	\$ 93,000.00
WESCO, Raleigh, NC	\$ 98,500.00
Valmont, El Dorado, KS	\$118,025.00
Dis-Tran Steel, LLC, Pineville, LA	\$121,025.00
ROHN Products, Peoria, IL	\$121,250.00
Trinity Meyer, Memphis, TN	\$121,950.00
MD Henry, Pelham, AL	\$122,600.00
Sabre Tubular Structures, Alvarado, TX	\$145,150.00

2. Transamerican Power Products, Houston, TX, lowest bidder in the amount of \$97,625.00 for purchase of 25 Tubular Galvanized Steel Poles, 80 ft., S-04.9 (PWC Stock # 1-220-675).

This item was last purchased in July 2012 at \$5,096.00 each. The current bid price is \$3,905.00 each.

<u>Bidders</u>	<u>Total Cost</u>
Transamerican Power Products, Houston, TX	\$ 97,625.00
WESCO, Raleigh, NC	\$107,025.00
Trinity Meyer, Memphis, TN	\$119,150.00
Valmont, El Dorado, KS	\$124,250.00
Dis-Tran Steel, LLC, Pineville, LA	\$126,950.00
MD Henry, Pelham, AL	\$129,125.00
ROHN Products, Peoria, IL	\$132,500.00
Sabre Tubular Structures, Alvarado, TX	\$153,475.00

- C. Approval of the following recommended bid awards (with the option to purchase additional quantities within a one-year period upon the agreement of both parties) for the purchase of two (2) bus breakers and ten (10) feeder breakers to be used in various PWC substations and forward to City Council for approval.

These are budgeted items in FY2015 CIP EL36 – Circuit Breaker Replacement. The budgeted amount is \$400,000.00.

Bids were received on October 30, 2014, as follows:

1. Siemens Industry, Inc., Wendell, NC, lowest bidder in the amount of \$62,690.00 for purchase of two (2) 2000 Ampere Bus Breaker.

<u>Bidders</u>	<u>Total Cost</u>
Siemens Industry, Inc. Wendell, NC	\$ 62,690.00
ABB, Inc., Lake Mary, FL	\$ 64,712.00

2. Siemens Industry, Inc. Wendell, NC, lowest bidder in the amount of \$276,040.00 for purchase of ten (10) 1200 Ampere Feeder Breakers.

<u>Bidders</u>	<u>Total Cost</u>
Siemens Industry, Inc., Wendell, NC	\$276,040.00
ABB, Inc., Lake Mary, FL	\$288,910.00

- D. Approve bid recommendation to award contract for purchase and installation of a Soft Touch Hands-Free Car Wash System at the Fleet Maintenance Wash Bay to Mark VII Equipment, Arvada, CO, lowest bidder in the total amount of \$133,999.00 and forward to City Council for approval.

This is a budgeted item for FY2015 CIP CS6 – Automatic Car Wash System. The budgeted amount is \$195,000.00.

Bids were received November 6, 2014.

<u>Bidders</u>	<u>Total Cost</u>
Mark VII Equipment, Arvada, CO	\$133,999.00
AUTEC, Inc., Statesville, NC	\$173,027.43
HOWCO, Inc., Charlotte, NC	\$173,418.66

- E. Approve bid recommendation to award contract for the Doc Bennett Road Water Main project to Tony E. Hawley Construction, Kenly, NC, the lowest bidder in the total amount of \$1,227,262.00 and forward to City Council for approval.

This is a budgeted item in FY2015 CIP WS12. The budgeted amount is \$1,292,900.00.

Bids were received November 18, 2014.

<u>Bidders</u>	<u>Total Cost</u>
Tony E. Hawley Construction, Kenly, NC	\$1,227,262.00
Odell Smith & Sons, Inc., Spring Lake, NC	\$1,248,738.45
Gaines & Company, Knightdale, NC	\$1,295,274.00
State Utility Contractors, Monroe, NC	\$1,315,228.00
Herring-Rivenbark, Inc., Kinston, NC	\$1,427,176.50
Utilities Plus, Inc., Linden, NC	\$1,437,558.57
Autry Grading, Hope Mills, NC	\$1,737,073.57

- F. Staff requests the Commission approve the issuance of a purchase order in the amount of \$99,827.00 to Advanced Control Systems, Inc. (ACS), Norcross, GA, for all hardware, software licenses, technical support, installation, on-site engineering services, and testing necessary to upgrade PWC's current SCADA system to a Prism Linux System in accordance with N.C.G.S. 143-129(e)(6) "sole source exception".

N.C.G.S. 143-129(e)(6) allows an exception to the bidding requirements when (i) performance or price competition for a product are not available; (ii) a needed product is available from only one source of supply; or (iii) standardization or compatibility is the overriding consideration.

This contract would upgrade the current SCADA system hardware and software used to perform process control operations. The current system hardware is at end-of-life and the operating system on our dispatcher workstations is no longer supported and no longer receiving security patches. It is recommended that we upgrade the current system in order to continue to meet NERC CIP005 cyber security standards.

Advanced Control Systems, Inc. (ACS) is the current vendor for PWC's SCADA system. PWC's current SCADA administrator is certified in the operation of the ACS master SCADA system and the Linux Red Hat operating system. Additionally, PWC dispatchers are trained in the use of the ACS SCADA system. The SCADA system is vendor specific and changing vendors would cause issues with the operation of the PWC electric system, as well as add extra expenses to PWC in terms of training and operating the system.

The total cost of the upgrade to include all services, hardware, software licenses and support is \$99,827.00.

This is a budgeted item in the amount of \$105,500 for the SCADA Upgrade Project in the SCADA operating capital budget.

- G. Adopt PWC Resolution No. PWC2014.08 to declare personal property described as one (1) 2003 Sterling LT7501 Vactor Truck, VIN No. 2FZHATAK33AK74628; and one (1) 2004 International 7400 Truck with Bucket, VIN No.1HTWEAAR74J083685, as surplus and authorize its sale by public auction.

- III. Update on "CONNECT" Program (Advanced Metering Infrastructure/Smart Grid)

(See Tab 2)

*Presented by: Susan Fritzen, Chief Corporate Services Officer*

IV. General Manager Report

V. REPORTS AND INFORMATION (See Tab3)

- A. Monthly Incident Summary for November 2014
- B. Personnel Report for November 2014
- C. Position Vacancies
- D. December 2014 Wholesale Power Cost Adjustment
- E. Approved N.C. Department of Transportation Encroachment Agreement(s):
  - Encr. #17972 – Sewer Main Installation – NC-162 (Elk Road)
- F. Approved Utility Extension Agreement(s):
  - Methodist University – water utilities to serve Methodist University Lower Campus Water Extension
  - Sackos Properties, LLC – water and sewer utilities to serve Bopie’s Pearls and Gems
- G. Actions by City Council during meeting of November 24, 2014, related to PWC:
  - Approved Capital Project Ordinance Amendment – Change 2015-19
  - Approved the following bid recommendations:
    - Underground Primary Distribution Cable
    - 35’ Fiberglass Poles
    - Photo Controls
    - LED Luminaires
  - Set Public Hearing – Phase 5 Annexation Areas 12 and 13
  - Rejected the following Bid recommendations to be rebid to new standards:
    - Annexation Phase V, Project VII, Area 17, Section 1 – Blue Spring Woods, Beacon Hill and Emerald Gardens Subdivisions
    - Annexation Phase V, Project VII, Area 17, Section II - Blue Spring Woods, Beacon Hill and Emerald Gardens Subdivisions
    - Annexation Phase V, Project VII, Area 16 – Hampton Oaks & Southgate
- H. Actions by City Council during meeting of December 1, 2014, related to PWC:
  - Risk Management Update
  - Technology/Business Change Initiatives Update
  - Considered Logo/Branding recommended by City staff for the City of Fayetteville PWC in accordance with City Council Resolution No. R2013-052

VI. Closed session pursuant to N.C. General Statutes 143-318.11(a)(6) for Personnel Matters and N.C. General Statutes 143-318.11(a)(3) for Legal Matters

VII. ADJOURN