



UTILITIES COMMITTEE MEETING

Wednesday, February 25, 2009

City Council Chambers

5:15 p.m.

Alderman Sam Cahnman	Chairman
Alderman Gail Simpson	Vice-Chairman
Alderman Steven Dove	Member
Alderman Frank Kunz	Member
Alderman Frank Edwards	Member

AGENDA

- 1. Approval of Wednesday, February 11, 2009 Utilities Committee Minutes**
- 2. Ordinances Tabled or Remaining In Committee**

2008-337 A Resolution To Abandon The Construction Of Hunter Lake (**Requested By Ald. Edwards**) (**Utilities**) (**Remains In Committee 12/10/08**)

- 3. Ordinances for Committee Consideration**

2009-071 An Ordinance Authorizing The Execution Of A Letter Offer For Extension, Approving A One-Year Contract Extension And Authorizing Additional Funding In The Amount Of \$3,500,000.00 Under Proposal No. UE08-07 With APComPower, Inc. For Dallman And Lakeside Generating Facilities General And Emergency Boiler And Equipment Repairs For The Electric Division For A Total Amount Of \$9,450,000.00 Payable Under Said Proposal (**Requested By Alderman Cahnman**) (**Utilities**)

Description: This ordinance approves a one-year contract extension for Proposal No. UE08-07 with APComPower, Inc. and authorizes additional funding in the amount not to exceed \$3,500,000.00 under this contract for the City of Springfield Office of Public Utilities Electric Generation Department. This proposal provides for repairs, inspection, and maintenance of boilers and associated equipment, as required, for the Electric Generation Department Dallman and Lakeside Generating Stations. These services are necessary in order to maintain boiler efficiency and reliability.

This contract extension includes labor, supervision, tools, equipment, technical support and materials necessary for general, emergency and outage repairs through February 28, 2010. Actual repairs will be provided at the request of the utility on a time and materials basis over the contract term. Ordinance No. 635-09-07, as amended, authorized the expenditure of \$5,950,000.00 under this contract, which became effective in October of 2007 and the term for

which would have expired on February 28, 2009.

The vendor will invoice the utility for labor hours worked, supervision hours, materials, tools, etc., at rates in accordance with the proposal terms. The vendor is not guaranteed a certain number of man hours under this contract. Materials, equipment and workmanship are warranted for 12 months from the date of initial operation or 14 months from the date of installation, whichever occurs first.

A Change Order is not necessary because this action does not alter any of the terms or conditions as previously agreed to by the vendor. Only authorization to extend the contract and expend additional funds through this ordinance is necessary.

Criteria for Award: Low Bid (**Original Award**)

2009-072 An Ordinance Accepting The Bid And Authorizing The Execution Of Contract UE09-10-84 – Powder Activated Carbon (Pac) For Dallman Power Plant Unit No. 4 For A Five- Year Term With American Norit Company, Inc. In An Amount Not To Exceed \$6,000,000.00 For The Electric Division Generation Department (**Requested By Alderman Cahnman**) (**Utilities**)

Description: This ordinance accepts Bid Contract No. UE09-10-84 with American Norit Company, Inc. for the supply and delivery of Powder Activated Carbon (PAC) for a five year term in an amount not to exceed \$6,000,000.00 for the Dallman Power Plant Unit No. 4 Baghouse for the City of Springfield Office of Public Utilities' Electric Division Generation Department. The Baghouse is an enclosure with flue gas entering on one side of a series of bags. The gas passes through the bags to exit the enclosure. The openings in the bags are very small and it is designed to trap the fly ash or small dust particles that are in the flue gas. PAC will be injected into the Dallman Unit No. 4 Baghouse along with hydrated lime to aid in emission control.

American Norit's bid is \$0.915 per pound for the supply and delivery of the utility's estimated quantity of 6,420,000 pounds over the five year period. There are no minimum or maximum quantities guaranteed under the contract.

The bid contract hauling rate is subject to a fuel adjustment determined by the cost of Midwest Rack price of No. 2 ultra low sulfur diesel. The fuel adjustment will be made bimonthly.

Criteria for Award: Low Bid

2009-073 An Ordinance Approving And Authorizing The Execution Of A Professional Services Agreement With ATCI, Incorporated D/B/A Applied Technologies In The Amount Of \$75,200.00 For Programmable Logic Controller (PLC) Training Pertaining To Dallman Power Plant Unit 4 For The Electric Generation Department (**Requested By Alderman Cahnman**) (**Utilities**)

Description: This ordinance approves and authorizes execution of a Professional Services agreement with ATCI, Incorporated d/b/a Applied Technologies under which the firm will provide training for Dallman Power Plant Unit No. 4 Allen Bradley Programmable Logic Controllers (PLC). This training is required because Allen Bradley PLCs are new to the

generation facility.

These controllers are computers that control auxiliary equipment in the Dallman Power Plant Unit 4. This equipment operates the Ash Conveying system, Oxidation Air Blowers and other systems that are integral to supporting the generation of electricity. Plant operators will interface with these controllers to execute control functions at various intervals to support the generation process. The control systems will be maintained by Dallman Power Plant engineers and maintenance electricians.

Applied Technologies will provide five days of ControlLogix PLC training; two days of SLC (another kind of PLC) training; and three days of Human Machine Interface (HMI) training. Applied Technologies will provide the Control Logix PLC systems, one instructor, and ten PCs for the HMI software training and software for PLC simulation and HMI development. The aforementioned training will be provided for two groups (approximately 30 attendees in total) with one instructor in each class. These services are being provided for the firm price of \$75,200.00.

Criteria for Award: Professional Services

2009-074 An Ordinance Appointing A Designated Representative And An Alternate Designated Representative In Compliance With The Clean Air Act Amendments Of 1990 And A Clean Air Interstate Rule (CAIR) Designated Representative And CAIR Alternate Designated Representative In Compliance With The Clean Air Interstate Rule Relating To City Of Springfield Electric Generating Units (**Requested By Alderman Cahnman**) (**Utilities**)

Description: This Ordinance appoints a “Designated Representative” (DR) and “Alternate Designated Representative” (ADR) in compliance with the Clean Air Act Amendments of 1990 and a Clean Air Interstate Rule (CAIR) Designated Representative and CAIR Alternate Designated Representative in compliance with the Clean Air Interstate Rule. The City is the owner and operator of electric generating units that are subject to the requirements of the Acid Rain Program of the Clean Air Act Amendments of 1990 and has been required to have a designated representative certified to the United States Environmental Protection Agency (USEPA) since 1993.

The Clean Air Act of 1990 Acid Rain Program provisions established a variety of new concepts such as SO₂ allowances and allowance trading. One such concept is the DR and ADR. Every source is required to have a DR and all units at one source have to have the same DR. The DR shall represent the source and by the action, inactions, or submissions will legally bind the owner of the source in all matters pertaining to the Acid Rain Program and the owners shall be bound by any order issued to the DR by the USEPA, Illinois Environmental Protection Agency (IEPA) or a court.

The DR is responsible for submitting all reports and compliance plans, all permit applications, renewals, amendments, or modifications for permits, for all allowance transactions, all annual allowance reports, and all Continuous Emissions Monitoring System (CEMS) data reporting. At present, the City’s DR and ADR are William A. Murray, the utility’s Regulatory Affairs Manager, and S. David Farris, the utility’s Environmental, Health and Safety Manager. With the pending retirement of William A. Murray from City service on March 31, 2009, it is necessary to appoint a new DR for the Acid Rain Program and CAIR. It is also necessary to

appoint a DR and ADR for the new Dallman Unit 4 for both the Acid Rain Program and CAIR.

This ordinance would name S. David Farris, and Patrick J. Becker, Engineer III in the Environmental Health and Safety Office as DR and ADR, respectively, for the Acid Rain Program and CAIR for all electric generating units subject to those programs being administered by USEPA, namely Dallman Power Plant Units 31, 32, 33 and 4, Lakeside Power Plant Units 7 and 8, Interstate Gas Turbine, and Factory Combustion Turbine. This action will allow these appointees to submit the appropriate certifications to the USEPA in a timely manner.

2009-085 An Ordinance Authorizing Execution Of A Lease Agreement With Spring River Hunting And Fishing Club For The Property Located At 6500 Oakcrest Road (**Requested By Alderman Edwards**) (**Utilities**)

Description: Ordinance 32-01-09 approved and authorized execution of a Purchase Contract in an amount not to exceed \$875,000.00 with Patrick and Alice Londrigan for approximately 385.84 acres of land, located at 6500 Oakcrest Road in Clearlake Township in Sangamon County for use as a sand and gravel pit for the City of Springfield Office of Public Utilities. The City is still in the process of negotiating this contract for purchase with the property owners.

Spring River Hunting and Fishing Club (the Club) currently leases property at 6500 Oakcrest Road. As the Club desires to continue leasing the property, this Ordinance authorizes execution of a lease agreement with the Club upon final acquisition of the property by the City. Pursuant to this Ordinance, the City Office of Corporation Counsel would be authorized to negotiate the terms of the lease agreement with the Club and the Mayor would be authorized to execute the lease agreement with the Club on behalf of the City.

2009-086 An Ordinance Amending Ordinance No. 654-12-04 With Emerson Process Management Power & Water Solutions, Inc. In The Amount Of \$383,429.00 For Maintenance Support Of The Computer Based Control Systems Used For The Dallman And Lakeside Power Plants And The Interstate Gas Turbine By Approving And Authorizing The Execution Of Amendment No. 1 To The Agreement And Increasing The Payment Authorization By \$184,639.00 For A Total Amount Not To Exceed \$568,068.00 Payable To Said Vendor (**Requested By Alderman Cahnman**) (**Utilities**)

Description: This Ordinance approves and authorizes execution of Amendment No. 1 in an amount not to exceed \$184,639.00 to the City of Springfield Office of Public Utilities Electric Generation Division's original agreement with Emerson Process Management Power & Water Solutions, Inc. approved under Ordinance No. 654-12-04. This original "SureService" five-year Sole Source agreement with Emerson Process Management Power & Water Solutions, Inc., the term for which will end November 30, 2009, provides for engineering support for the maintenance and repair of the utility's computer-based control systems that are used at the Dallman and Lakeside Power Plants and the Interstate Gas Turbine.

This Ordinance would modify the Original Agreement by adding Dallman Power Plant Unit 4 Emerson Ovation training for certain utility employees. This original Sole Source service agreement includes support for the utility's Westinghouse Distribution Process Family

(WDPF) computer-based control systems and any control systems that are upgraded to Ovation.

The Dallman Power Plant Unit No. 4 main control system is controlled by Emerson's Ovation Distributed Control System (DCS). This is the central control system that for the most part controls all plant critical systems. Emerson Process Management Power & Water Solutions, Inc. will provide four weeks of on-site training on the aforementioned Ovation DCS system for approximately 35 Electric Division Engineering and Maintenance personnel. Each two-week course will be divided into two sections: Part A will comprise DataBase, Control and Graphics, while Part B will comprise Administration, Troubleshooting and Links. The Electric Generation Department anticipates completing this training by July 2009.

The original agreement with Emerson Process Management Power & Water Solutions authorized the expenditure of \$383,429.00 in total. This original Ordinance and this Agreement Amendment bring the expenditure authorization with Emerson Process Management Power & Water Solutions, Inc. to \$568,068.00.

Criteria for Award: Sole Source (**Original Award**)

4. **Unfinished Business**
5. **New Business**
6. **Requests To Address Utilities Committee**
7. **Adjournment**

Cecilia K. Tumulty
Cecilia K. Tumulty, C.M.C.
City Clerk