

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DuPAGE WATER COMMISSION
HELD ON THURSDAY, MAY 19, 2011
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 6:30 P.M.

Committee members in attendance: D. Loftus, R. Furstenau, F. Saverino, M. Scheck and J. Zay *ex officio*.

Committee members absent: None

Also in attendance: R. C. Bostick, F. Frelka, E. Kazmierczak, J. Schori and M. Weed

Commissioner Scheck moved to approve the Minutes of the April 21., 2011 Engineering Committee. Motion seconded by Commissioner Furstenau and passed unanimously as follows:

Ayes: D. Loftus, R. Furstenau, F. Saverino and M. Scheck

Nays: None

Absent: None

Facilities Construction Supervisor / Safety Coordinator Bostick provided an oral report highlighting the Status of Operations report;

Regarding Contract PSD-7 DPPS Electrical Generation, the Committee was briefed on the status of the 3rd part evaluation of noted potential engineering deficiencies in the generation facilities under construction.

Regarding the Generator Supply Contract, the Committee was briefed on the status of the fuel system modifications at the testing of the portable generator. As a follow up, the Committee was advised that upon the successful testing of the portable generator at Lexington, the PSC-4 Contract would be near final completion.

The Committee was briefed that the Lexington Pumping Station improvements garnered two separate significant achievements. The American Council of Engineering Companies (ACEC) has bestowed a National Recognition Award as well as the Illinois Chapter's Honor Award for Water Resources. The US Green Building Council has awarded a Gold NC Certification for Leadership in Energy and Environmental Design (LEED). The project engineer, DWC staff and the City of Chicago will be working on press events for these achievements.

Regarding the DuPage County Steeple Run Service Area, Staff advised the Committee that the final touches are being placed on the intergovernmental agreement to construct a joint facility. In addition, two requests for proposals (RFP) have been developed in advance of the joint facility agreement being approved. The first RFP is Professional Engineering Services to perform hydraulic modeling of the

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Commission's distribution system and then model the impact of the proposed Steeple Run connection point. The second RFP is Professional Engineering Services to perform design, bidding and construction services of the joint facility connection point. Both RFP's are scheduled to be released within the following week.

The Committee was advised that the Annual Customer Meter Calibration Program was completed without registering a single meter recording error.

The Committee was advised that a new version of ARC GIS software has been installed and the GIS Coordinator continues to work on the Paperless Agenda Project which is being spearheaded by the Administration Committee.

Regarding Contract QR-8 (Quick Response Contract), the Committee was advised that Work Authorization Order #26 which appears on the agenda as R-26-11 was necessary immediate work to repair a failing manhole in on Lombard Road in Addison. Commissioner Furstenau questioned the extent of the repairs and the associated cost estimate. Pipeline Supervisor Kazmierczak advised the Committee that the work includes mobilization, traffic control, excavation, manhole repairs and pavement restoration in kind and demobilization costs. Pipeline Supervisor Kazmierczak also advised the Committee that a large portion of the costs are due to the pavement restoration requirements of the authority having jurisdiction over the roadway, which can be extensive. Chairman Loftus requested a voice vote to determine if the Committee had a consensus to move R-26-11 for approval at the regular Commission meeting. All voted aye.

Regarding Contract QR-9 (Quick Response Contract), the Committee was advised that five (5) bids were received and the 3 most favorable bids were being reviewed by the General Manager. Pipeline Supervisor Kazmierczak also advised the Committee that two of the three bidders are returning contractors. It is Staff's intention to present a resolution to award the QR-9 contract at the June 2011 Commission meeting. Chairman Loftus inquired and Staff advised that if the QR-9 Contract closing proceeds as scheduled there would be no lapse in QR contract coverage.

Pipeline Supervisor Kazmierczak provided status of three projects budgeted for this fiscal year:

1. The valve stem/riser replacement project (VSR-1/11) is to replace approximately 275 hollow core stem risers of which approximately 60% have experienced breakage issues in the past. The intent is to replace the hollow core valve stem risers with solid core shafts to hopefully eliminate the breakage issue and reduce the need to perform confined space entries to repair the stem risers or operate the valves. This project is tentatively scheduled to be bid in fall or winter 2011/2012. The estimated project cost is \$450,000.00.
2. Corrosion control on the Outer Belt Transmission Main (TOB-7/11) is about at the 70% design level. This work is to apply active corrosion control techniques to reduce the effects of stray current and/or corrosive soils in

various locations on the pipeline that travels from 75th Street in Naperville to Lake Street in Addison. This project is tentatively scheduled to be bid in fall 2011. The estimated project cost is \$443,000.00. There are currently design delays due to Commonwealth Edison being non-responsive to engineering requests.

3. Corrosion control on the South Transmission Main (TS-8/11) is about at the 35% design level. This work is to apply active corrosion control techniques to reduce the effects of stray current and/or corrosive soils. This project is tentatively scheduled to be bid in fall 2011. This project was previously bid in 2009 where only a single bid was received and exceeded the engineering estimate and budget. The Engineer is looking into alternate methods of design and bidding to attract more bids and hopefully at a lower cost. The FY11/12 budgeted amount is \$665,000.00. This project too is experiencing design delays due to Commonwealth Edison being non-responsive to engineering requests.

Pipeline Supervisor Kazmierczak advised that limited discussions or actions have taken place on the pedestrian bridge at the Great Western Trail over the Commission's transmission main at Grace Street in Lombard. The only action since the last report was a request for the Commission to perform locating in order to undertake exploratory excavation.

Pipeline Supervisor Kazmierczak also advised that due to IDOT's insistence, the Commission must excavate and abandon an existing blow-off valve and structure in proximity to a bridge approach under construction on Illinois Route 53 near Spring Lake Drive in Itasca. This work will be covered under QR-8 as Work Authorization Order No. 27 which will be brought to the Board for ratification at the June 2011 meeting. Chairman Loftus inquired if IDOT will be remunerating the Commission for the differences in cost between priority and non-priority work as this project has been underway for quite some time. Pipeline Supervisor Kazmierczak advised that he will make the inquiry with IDOT.

Commissioner Furstenau moved to adjourn the meeting at 7:00 P.M. Motion seconded by Commissioner Saverino and passed unanimously as follows:

Ayes: D. Loftus, R. Furstenau, F. Saverino and M. Scheck
Nays: None
Absent: None