

City Council Introduction: December 10, 2012

Bill Number 12R-300

Public Hearing: December 17, 2012

## **F A C T S H E E T**

**TITLE:** Memorandum of Agreement with O.P.P.D. for fiber attachment to poles.

**SPONSOR:** Lincoln Water System

**OPPONENTS:** None

**OTHER DEPARTMENTS AFFECTED:**  
City Information Services

**STAFF RECOMMENDATION:** Pay fees for attachment of fiber to existing power poles as the less costly alternative.

**APPLICANT:** Jerry Obrist w/Lincoln Water System

**REASON FOR LEGISLATION:** Currently all remote process control and portions of the security monitoring equipment operate on separate wireless networks in the well fields. The recent availability of a fiber link between the well fields and the Ashland Treatment Plant now provides an opportunity to utilize the City shared fiber network for data communication to the well field sites. The installation of a new fiber cable to connect the well sites back to the existing fiber backbone will solidify the performance, data bandwidth capacity, and reliability of data access streaming from remote Lincoln Water facilities. Utilizing existing Omaha Public Power District poles as attachment points for the fiber provides a cost effective and direct pathway to the treatment plant.

**POLICY OR PROGRAM CHANGE:** None

**COST OF TOTAL PROJECT:** \$1,903.00 per year on semi-annual billing

**SOURCE OF FUNDS:**

**CITY:** Water revenue

**NON CITY:** None

**FACT SHEET PREPARED BY:**

Jerry Obrist, Lincoln Water System

**REVIEWED BY:**

Miki Esposito, Director of Public Works & Utilities