



# City of Norman, OK

Municipal Building  
Council Chambers  
201 West Gray  
Norman, OK 73069

## Master

**File Number: K-1415-34**

**File ID:** K-1415-34

**Type:** Contract

**Status:** Consent Item

**Version:** 1

**Reference:** Item No. 16

**In Control:** City Council

**Department:** Utilities Department

**Cost:** \$228,414.00

**File Created:** 09/03/2014

**File Name:** Wastewater Flow Metering - RJN

**Final Action:**

**Title:** CONTRACT NO. K-1415-34: A CONTRACT BY AND BETWEEN THE NORMAN UTILITIES AUTHORITY AND RJN GROUP, INC., IN AN AMOUNT NOT-TO-EXCEED \$228,414 FOR THE PERMANENT WASTEWATER FLOW METERING SERVICES THROUGH AUGUST 31, 2015.

**Notes:** ACTION NEEDED: Acting as the Norman Utilities Authority, motion to approve or reject Contract No. K-1415-34 with RJN Group, Inc., in an amount not-to-exceed \$228,414 through August 31, 2015; and, if approved, authorize the execution thereof.

ACTION TAKEN: \_\_\_\_\_

**Agenda Date:** 09/23/2014

**Agenda Number:** 16

**Attachments:** 2014 Permanent Flow Monitoring Location Map.pdf,  
RJN K-1415-34

**Project Manager:** Mark Daniels, Utilities Authority

**Entered by:** mark.daniels@normanok.gov

**Effective Date:**

### History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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### Text of Legislative File K-1415-34

Body

**BACKGROUND:** In March 2002, the Norman Utilities Authority (NUA) approved Contract K-0102-50 with RJN Group, Inc. (RJN) which began a program to measure wastewater flows from satellite collection systems. Satellite systems are privately owned wastewater collection systems that discharge into the NUA system. The scope of services included metering equipment selection, installation, calibration and software for data collection and reporting, and meter maintenance. The contract was amended several times to authorize continued maintenance, data collection and reporting.

The program began with the installation of 10 flow meters at discharge points serving the University of Oklahoma (OU). The wastewater metering program is expected to generate approximately \$990,000 for the 12 months ending in October 2014; new sewer rates were implemented in November 2013.

After five years, a Request for Proposal (RFP) was forwarded to interested engineering firms. On August 28, 2007, Contract K-0708-42 for Permanent Wastewater Flow Metering services was awarded to RJN in an

annual amount not to exceed \$150,000. Under Contract K-0708-42, additional unit prices were provided to perform meter maintenance, if necessary, and install a total of 19 meters. Additional meters were installed at discharges from several satellite systems such as mobile home parks and apartment complexes to determine if permanent meters were justified at these locations. Additional meters were installed to determine wastewater flows prior to and following improvements under the Sewer Maintenance Program (SMP) to determine the effectiveness of the sewer main replacements.

The NUA has approved five amendments to Contract K-0708-42 extending RJN's services through August 27, 2014. Over that time, unit prices for data collection and reporting increased from \$390 to \$437 per meter per month; an average annual increase of 1.6%.

**DISCUSSION:** Historically, RJN has been the only qualified firm interested in performing the work and they continue to provide a competitive price due to familiarity with the equipment, software and metering locations. For these reasons, staff requested that RJN provide a new contract to be renewed annually for NUA consideration.

Proposed Contract No. K-1415-34 has a "not to exceed" amount of \$228,414. It is based on a continued maintenance, meter repairs, data collection and reporting for a total of 18 meters for duration of 12 months at an estimated cost of \$147,687; additionally, RJN will install a total of 9 new meters at an estimated cost of \$80,727.

The new unit price for monthly monitoring and data collection will increase 3% from \$437 to \$450 per meter per month. The eighteen (18) metering installations include nine meters for OU billing purposes, seven meters to measure dry and wet weather flow data from interceptors entering the Water Reclamation Facility (WRF) and two additional meters for sewer rehabilitation evaluation under the Sewer Maintenance Plan (SMP).

The existing metering equipment for OU was originally installed in 2002; installation of new metering equipment at each of nine OU monitoring locations will ensure continued collection of accurate flow data for billing purposes. The WRF interceptor meters were originally installed in 2010; these meters will remain in service and, if required, will be repaired by utilizing spare parts for the older metering equipment removed from service.

The Fiscal Year Ending 2015 (FYE15) budget includes \$230,000 in Water Reclamation Fund, Professional Services (account 032-5552-432.40-99) and is sufficient to fully fund Contract No. K-1415-34 with RJN.

**RECOMMENDATION:** Staff recommends approval of Contract No. K-1415-34 with RJN Group, Inc. to perform wastewater flow monitoring and repair services in an amount not to exceed \$228,414.