

**BID 26-115 ANNUAL SUPPLY OF FIRE SERVICE METERS
6 INCH – 12 INCH**

1.0 SCOPE

- 1.1 The City of Lincoln, Lincoln Water System (LWS) intends to contract for the annual supply of various sizes of water meters and supplies on an as needed basis for the Lincoln Water System.
- 1.2 LWS has a fully implemented Automatic Meter Reading (AMR) system using Itron® endpoints and Itron® FCS meter reading software.
- 1.3 The City intends to continue using the same or similar meter reading devices so that consistency and compatibility is maintained with respect to meter installations, meter programming, meter testing, meter reading and billing, and parts inventory.
- 1.4 For the purpose of establishing grade, quality, capacity, dimensions and required operating characteristics; acceptable meters supplied by the Vendor should be Badger® Fire Service Meter Model FSAA-01 with Badger HR-E registers.
 - 1.4.1 Registers supplied with the water meter shall be wired with a 25' lead plug-in type connector that is compatible with Itron® Model 100W+ pit style endpoint modules; no exceptions.
 - 1.4.2 The City shall give every consideration to equal equipment so long as meters have the same operating characteristics, accuracy, data collection, capabilities, installation method, reading capabilities, and compatibilities with reading software.
 - 1.4.3 Low flow side by-pass meter(s) shall be a 2" nutating disc type positive displacement flow meter unless otherwise approved by Lincoln Water Systems.
 - 1.4.4 FM approval certification required as follows:
 - 1.4.4.1 Fire Series Meter Assembly: FM 1044
 - 1.4.4.2 Strainer: FM 5551
 - 1.4.4.3 Valves: FM 1045
- 1.5 The register lid can have a serial number under the register lid that matches, but it is not required to match, the serial number of the meter body. If the register serial number is printed on the outside of the register lid, it must not match the meter body serial number.

2.0 WARRANTY

- 2.1 Warranties to include replacement, parts, labor, testing, or any combination thereof. Replacement and reworked meters and parts replaced under the warranty program shall meet new meter accuracy and parts requirements.
- 2.2 Meter manufacturers shall offer their standard published warranties for products supplied and meet the requirements of the Technical Specifications.
- 2.3 Additional required warranties are stated in the Technical Specifications.