



CITY OF GRANITE FALLS  
INVITATION TO BID  
AMR WATER METER PURCHASE

**BID DEADLINE: APRIL 23, 2018**

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### 1.0 - INVITATION TO SUBMIT PROPOSALS

Sealed Proposals are required and will be received by the City of Granite Falls (the City) for furnishing AMR metering devices. Sealed Proposals will be accepted in person or by mail until 10:00 a.m., local time on April 23, 2018. Proposals received after this time will not be considered.

#### **Physical:**

City of Granite Falls  
206 South Granite Ave  
Granite Falls, WA 98252

#### **Mailing:**

City of Granite Falls  
ATTN: Charles White  
P.O. Box 1440  
Granite Falls, WA 98252

Each Proposal shall be submitted in a sealed envelope addressed to the City of Granite Falls and clearly marked “RFP for AMR Meter Purchase”.

The City reserves the right to reject any or all Proposals and to award a contract to any vendor deemed to be in the best interests of the City.

All requests for information, clarification or related inquiries shall be submitted via email to Charles White at [charles.white@granitefallswa.gov](mailto:charles.white@granitefallswa.gov). All answers and clarifications shall be available for all vendors at [ci.granite-falls.wa.us](http://ci.granite-falls.wa.us) under the project alert section of the Public Works tab.

## 2.0 - Utility Background

The City utilizes water services with approximately 1300 connection and is comprised of the following water meter manufactures:

- Badger
- Sensus
- Neptune
- Precision
- Kent
- Master Meter
- Rockwell

Existing water meters by type and size:

Encoder (register)	Percent of system make up
Radio Read (AMR)	78%
Touch Read	16%
Manual Read	6%

Size	Percent of system make up
5/8x3/4	93%
1"	3%
1.5"	1%
2"	2%
3"	.5%
4"	.5%

## 2.1 - Instruction to Vendors

THE GENERAL TERMS AND CONDITIONS WHICH FOLLOW APPLY TO ALL PURCHASES AND SERVICES AND BECOME A DEFINITE PART OF EACH FORMAL INVITATION TO PROPOSE, PURCHASE ORDER, OR CONTRACT ISSUED BY THE CITY OF GRANITE FALLS, UNLESS OTHERWISE SPECIFIED. BY SUBMITTING A PROPOSAL, THE VENDOR AGREES TO BE BOUND BY THESE TERMS AND CONDITIONS. VENDORS OR THEIR AUTHORIZED REPRESENTATIVES ARE EXPECTED TO FULLY INFORM THEMSELVES OF THE CONDITIONS, REQUIREMENTS, AND SPECIFICATIONS BEFORE SUBMITTING PROPOSALS. FAILURE TO DO SO WILL BE AT THE VENDORS OWN RISK AND WILL NOT SECURE RELIEF ON THE PLEA OF ERROR.

## 2.2 – Preparation of Proposals

The Vendor shall submit their sealed Proposal on the proposal forms provided. The Proposal shall be executed properly and all writing shall be ink or typed, except the signature of the Vendor that shall be written in ink.

The Vendor shall specify in figures, in the places provided, a price for each of the separate items called for in the proposal forms.

Vendors are requested to submit their Proposals directly to the City in a properly sealed envelope. If the Vendor is a corporation, the legal name of the corporation, the state of incorporation and the business address shall be set forth together with signature of the officer or officers authorized to sign contracts on behalf of the corporation. If the Vendor is a partnership, the true name and address of the firm shall be set forth together with the signatures of authorized partners. If the Vendor is an individual, the signature and address shall be inscribed. If the signature is by an agent other than an officer of the corporation or member of the partnership, a power of attorney must be submitted with the Proposal; otherwise, the Proposal may be regarded as irregular. All names must be printed below the signature.

### 3.0 – METER SPECIFICATIONS

The City will purchase AMR (radio read) water meters ranging in size from 5/8x3/4 to 3" for use in the measurement of potable cold water in residential, commercial, and industrial service applications where flow is in one direction only.

Acquired water meters must meet or exceed the most recent revision of the AWWA standard c700 and comply with the lead-free provisions of the Safe Water Drinking Act. Lay lengths as follows:

5/8x3/4	7-1/2"
1"	10-3/4"
1-1/2"	13"
2"	17"
3"	17"

#### 3.1 – Meter Encoder (register)

The encoder shall be compatible with current Recodall® meter assemblies and an overall height of less than 2.08". The unit shall be permanently sealed to eliminate the intrusion of moisture, dirt, and other contaminants. Unit of measurement shall be in Cubic Feet and clearly marked on the face.

#### 3.2 – Meter Endpoint

Features shall include a 20 year battery with prewired leads in lengths from 3' up to 75' with a factory twist tight connection to the encoder, two way communication, mobile reading, the ability to convert to fixed network through software (migratable), premise leak detection, cut wire indication, reverse flow indication, no usage indication, low battery indication, remote programming, remote clock synchronization, available firmware upgrades, and the ability to store up to 90 days of historically read data..

The construction of the unit shall withstand harsh environments including submerged applications and must be compatible with Orion® reading software.

### **3.3 - Software Compatibility**

The supplied water metering device shall be directly compatible with the most current versions of Readcenter® management software, Bias®6 software, and Trimble® handheld reading devices.

**ATTACHMENT A: PRICE SCHEDULE**

The following Price Schedule shall be included in the Respondent's proposal.

Description	Qty	Unit Cost	Extended Cost
5/8x3/4	295		
1.5"	6		
2"	1		
3" Compound	1		

SUBTOTAL.....\$ \_\_\_\_\_

TAX ( \_\_\_%).....\$ \_\_\_\_\_

FREIGHT.....\$ \_\_\_\_\_

TOTAL  
COST.....\$ \_\_\_\_\_

\_\_\_\_\_  
Company name

\_\_\_\_\_  
By (print name)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature