



SUNSHINE COAST REGIONAL DISTRICT

Question and Answers #3 Request for Proposal No. 2237022 Universal Metering Phase 3

Date: February 9, 2023

Item No. 1

Question:

Item 3.0 Description: Upgrade Existing Meters to RF Transmission (3.1 & 3.2)

For item 3.1, 19 mm water meter: upgrade of existing meters to RF transmission, includes installation of encoder register, antenna cable, seal wire, and seal. QTY 184

Question 1: A 19 mm water meter usually describes a full $\frac{3}{4}$ " meter. On other line items (e.g. 1.1 and 2.1, the meter is 16 mm (16 x 19 mm) which is a $\frac{5}{8}$ x $\frac{3}{4}$ " meter. This meter has a different register size and different lay length compared to a 19mm (i.e. full $\frac{3}{4}$ " meter). Please confirm that line item 3.1 is a full $\frac{3}{4}$ " meter. If there is a mix, of 16mm and full 19mm, please provide quantities.

Question 2 (same topic): Please confirm that 3.1 and 3.2 describes a register retrofit. Hence, register on existing Neptune water meter it to be replaced with an Ecoder R900i register c/w through the lid antenna and meter is to be sealed.

Answer 1:

The meters identified in 3.1 refer to full $\frac{3}{4}$ " meters (19mm) and estimated quantity is noted as 184. 16x19mm meters are noted in 2.1, estimated quantities as 1170.

Answer 2:

3.1 and 3.2 are register retrofits as installation of encoder register, antenna cable, seal wire, and seal.

Item No. 2

Question:

The standard frost plate for $\frac{5}{8}$ x $\frac{3}{4}$ ", $\frac{3}{4}$ ", and 1" meters are cast iron. Bronze frost plates are an option for these meter sizes. In the past, SCRD has specified bronze frost plates. Please advise if these meter sizes are to be standard Cast Iron frost plate or Bronze frost plate.

Answer:

Bronze frost plates are required.

Item No. 3

Question:

Invasive Plant Species:

It is understood that the successful proponent is requested to provide an invasive plant species management plan.

Question & comments: It is our intention to train our crews on identification of invasive plant species and incorporate a site survey prior to any pit excavation work. The site survey details would be incorporated into our Electronic Work Order system. In the event an invasive plant species was identified within 20 metres of

the excavation, the work would be paused and the account would be “tasked” back to the SCRD for the SCRD to be responsible for treatment and any disposal necessary. Once this task is completed and work can then be undertaken at the site, the account would be passed back to Neptune to undertake the meter installation work. Is this agreeable to the SCRD? Is there a resource from the SCRD that could provide crew training (invasive plant species identification) at no cost to the successful proponent?

Answer:

The SCRD can provide a one-time overview of SCRD invasive species procedures and plant identification material to crews at an agreed time and date.

The treatment of Knotweed should be conducted and administered by a professional.

The SCRD has been and continues to identify and treat “known” patches of Knotweed, the contractor must be prepared to identify and address unknown invasive species locations.

In the event an invasive plant species is identified within 20 metres of an excavation, the Contractor shall pause the excavation work and immediately contact the SCRD Contact to arrange responsible invasive species treatment and any disposal necessary. The Contractor will resume all work at the paused installation site once the invasive species treatment is completed and site approved for construction work by the SCRD Contact. No compensation will be provided for delays in addressing invasive species.