



# SUNSHINE COAST REGIONAL DISTRICT

ADDENDUM NO. # 1

Request for Proposal No. 18 368

Chapman Creek Bridge Watermain Replacement

**Date: January 15, 2019**

This addendum forms part of the contract documents and shall be read, interpreted, and coordinated with all other parts. The costs of all work contained herein shall be included in the tender submission. The following revisions, clarifications, changes, additions, or deletions supersede the information contained in the original documents to the extent referenced and shall become part thereof:

Number of pages including attachments: (8 pages)

## Item No.1

Addendum # 1 contains responses to questions received by the Regional District about the specifications and instructions contained in the ITT document about the project.

### Question 1

Want to confirm that the completion date is as per ITT Part 1 Paragraph 5.2 (May 10, 2019) and not as per the Sample Form of Agreement (April 12, 2019).

Answer:

Completion date is May 10

### Question 2

Is there a hydrant in the vicinity of the site than can be utilized for water supply?

Answer:

No, but there is a hose bib nearby.

### Question 3

Are there as-builts for the existing watermain showing where the nearest line valves are?

Answer

There is an inline valve on the east side of Mission Point Road that is not shown on our drawings. A copy of the drawing showing this detail is attached as Appendix D (1page).

Question 4

To what extent shall the public notification be made? Is the expectation to hand deliver notices and personally notify all residents that may be affected by a single lane closure on the bridge? Do you have a certain radius in mind? And how about for the watermain disruption? Is this main looped, or will a large number of residents be without water during any shutdown?

Answer:

The water main is looped so no one should be out of water during the shutdown. Nearby residents and the District of Sechelt will need notification of construction.

Question 5

From the Drawings it is apparent that the new watermain shall be installed in the same location as the existing watermain. I am confused as to how the water service disruption to residents can be for no longer than 8 hours if the expectation is to remove a portion of the existing watermain, install the new watermain in its place with new rolling support brackets, cap each end, pressure test, flush, disinfect, allow SCR D to collect samples for coliform bacteria testing, complete tie-ins after acceptable samples and backfill? Is there an expectation of providing a temporary supply line above ground from one side of the bridge to the other while installation of the new main takes place?

Answer:

The SCR D does not think anyone will be out of water. If there is, the contractor will work with the SCR D to ensure continuous water supply via temporary supply.

Question 6

The bridge drawings note a 300 mm diameter existing hole within each bridge abutment for the watermain. The outside diameter of the pre-insulated DR 11 is 336 mm. Can the hole within the abutments be increased in size to accommodate the pipe OD?

Answer:

The insulation stops 150 mm from the abutment as shown on Sheet 3.

Question 7

Are the grates on the bridge walkway above the watermain removable?

Answer:

The grates are tack welded onto the frame

Question 8

Are 24 hr and 48 hr samples for coliform bacteria testing being taken? First sample 24 hours after de-chlorinating?

Answer:

Yes

Question 9

What is the width of the 18 Ga bearing plate at each rolling support bracket? Material type?

Answer:

The pre-insulated pipe supplier specified (Urecon) will provide the recommendations of the bearing plate.

Question 10

Are all materials for the rolling support brackets to be zinc plated? Or ...?

Answer:

All brackets, hangers, etc. to be hot dipped galvanized.

Question 11

Is an environmental management plan required?

Answer:

Yes. No in stream work is to occur, but the Contractor will be required to provide a plan that demonstrates that their construction methodologies will not impact Chapman Creek.

Question 12

Will we be responsible for pedestrian traffic crossing the highway and will it be suitable to close off the pedestrian traffic on the watermain side of the bridge after hours?

Answer:

Yes, the Contractor will be responsible for safe pedestrian crossing of the highway to the walkway on the opposite side of the bridge. Closure of the pedestrian traffic on the watermain side of the bridge is acceptable after hours.

Question 13

What is the depth of the pipe in the ground will caging be required?

Answer:

The pipe is approx. 3.5 feet in the ground and due to heavy trucks passing caging is recommended as a precaution and as per WCB regulations.

Question 14

What testing is required for the installed piping?

Answer:

All testing will be as per the MMCD Section 33 11 01. Testing will be paid for by the Contractor. The SCRCD or Contract Administrator will witness all testing.

Question 15

What is the I.D. difference of the new pipe with the existing pipe? Will there be enough flow with the new pipe.

Answer:

The new pipe's ID has been reviewed and has been determined to be sufficient.

Question 16

The I beam hangers in the specifications are the wrong type can we use clamp type hangers?

Answer:

Yes, clamp type hangers are acceptable. Use Cooper Industries Model B321-5 with a 3/4" rod. All metal to be hot dip galvanized.

Question 17

Will we be required to remove the old hangers and how are they secured to the bridge?

Answer:

The existing pipe and pipe clamps will need to be removed. The brackets that are supporting the pipe will need to be removed. These can be cut off at the bridge I-beam. See photo of the existing configuration below.



Question 18

What are the specifications for fusing the piping into the system will you require electro or butt fusing?

Answer:

Butt fusing will be required.

Question 19

Will we be required to dispose of the old piping?

Answer:

Yes, pipe disposal will be undertaken by the Contractor.

Question 20

What role will we be required to scope for environmental protection of the creek?

Answer:

An environmental monitor will be retained by the SCRCD if required. Contractor to ensure no materials enter the creek.

Question 21

Will there be Salmon in the creek during the time the work is carried out?

Answer:

Salmon are not anticipated but there will likely be trout or other fish present.

Question 22

Will a full shut down effect any water users? How long can we shut down the water?

Answer:

This is not anticipated but if required the Regional District will coordinate temporary services as required. A full shut down is acceptable for 1 to 2 weeks. Shut offs have not been confirmed to fully shut off the flow if required the Regional district will work with the contractor to temporarily shut down the water supply down the line to repair a shut off if required.

Question 23

Is there rust in the line, has it been pumped, will we require a VAC truck to pump out the line?

Answer:

It is unknown if there is rust in the line. No rust contaminated water is to go into the creek.

Question 24

What are the requirements of insulating the pipe joints?

Answer:

All exposed pipe joints to be insulated. Please contact the specified insulation company for further details.

Question 25

Would it be possible to remove the grading to access the piping?

Answer:

The grading is tack welded and removal would limit pedestrian traffic. If it is removed, contractor will be required to re-install it at their expense and ensure that the site is made secure each night.

Question 26

Will the engineer be on site during the project?

Answer:

Yes

Question 27

A paving subcontractor has requested confirmation of the Specifications for the asphalt - MMCD or MoTI? Also, based on the distance that the watermain is from the fog line, it is assumed that no paving will be taking place within the travelled lane - is this correct? Will a lap joint be required as this may push the joint past the fog line into the travelled lane?

Lastly, are the granular backfill materials to meet MMCD or MoTI Specifications?

Answer:

All asphalt and granular materials are to meet MOTI Specifications. Paving is not anticipated to occur within the travelled lane.

Question 28

ITT's cover page states the tender can be submitted through BC Bid. However, on Section II, Instructions to Tenders Part 1 – 3.0 – Submission of Tenders states the submission must be done on a sealed envelope. Could you please confirm that the tender can be submitted through BC Bid?

Answer:

Yes, tenders can be submitted by using BC Bid electronic submission.

Question 29

We tried to contact Support Services Unlimited to obtain the Master Municipal Construction Documents Volume II (2009). However, we have not heard back from them. Could you please forward us the Instructions to Tender – Part II in advance?

Answer:

It is not a requirement that the SCRD provide each bidder with a copy. It is up to the bidder to obtain those documents themselves.

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Addendum No. # 1 is issued prior to receipt of submission and shall form part of the contract documents. The revisions shall clarify the information contained in the original Proposal documents issued on December 13, 2018.

If you have any questions regarding the above, please contact the undersigned.

Gordon Rischaneck - Purchasing Officer  
Sunshine Coast Regional District