



NEW WESTMINSTER

November 16, 2023

ENQUIRIES AND RESPONSES # 1
NWIT-23-22
2023 Sewer Rehabilitation Program – CIPP Lining
New Westminster, BC

ANSWERS TO SUBMITTED QUESTIONS

- Q1 This being an MMCD contract I would assume that all the laterals need to be interface grouted, please confirm
- A1 Laterals do not need to be interface grouted
- Q2 Is the contractor able to use standard polyester resin relining all the pipes or do we have to use a styrene free resin in the combined and storm lines?
- A2 Standard resin is acceptable for all the pipes.
- Q3 Pipe ID #42554408 is a 600 mm pipe that has some significant problems that will need to be repaired before relining can take place. (The video camera came from both way and stopped at the problem areas where the grade increases dramatically and the pipe is full of water)
- A3 This pipe is believed to have a siphon at the location where both surveys ended. There are no known problems requiring repair. At the siphon, the pipe dips underneath a Metro Vancouver Ø1350 sanitary forcemain. The Contractor will have to remove the water and clean out the siphon as part of the pre-lining work. The Contractor is expected to line through the siphon.
- Q4 Pipe ID #46664413 – With the camera traveling against the flow in the 375 mm pipe it could only go approximately 120 meters. The video of the pipe supplied that is going with the flow shows the pipe as 200 mm and at 69 meters the line has an approximate 45 degree bends in the piper where the camera stops. Please explain?
- A4 Approximately 67 m of this pipe could not be surveyed. This pipe is believed to have a Ø200-Ø375 size transition or buried manhole within this unsurveyed section. The Contractor needs to complete a full survey to confirm and then design the liner accordingly.
- Q5 Pipe ID # 43364338 – The video of the downstream access point looks like a chamber and not a manhole. What is the access like getting into the chamber to retrieve the liner? Is it a straight access from the chamber to the pipe end?
- A5 The downstream access point is a manhole (MH 4338). There is a narrow drop structure between the end of the pipe and the manhole. The Contractor will only be required to cut the liner at the interface between the drop structure and the manhole (i.e. the Contractor will not be required to reach into the drop structure to cut the liner at the interface between the pipe and the drop structure).

Q6 Is Service Dye Tracing to confirm if the services are active an approved alternative to LAMP Camera CCTV inspection?

A6 Yes, service dye tracing is acceptable.

Q7 Will the City provide access to a local debris dumping site? Will the City carry the cost? Where is the approved debris dumping location?

A7 It will be the Contractor's responsibility to haul and dispose of debris at a suitable disposal facility.

Q8 Section 33 05 24S which replaces MMCD Section 33 05 24 does not include the highway live loading for CIPP Designs. Can the City confirm the loading required for this project?

A8 The total external pressure should include an allowance for an AASHTO HS 20 concentrated live load.

Q9 If manholes are buried will the City locate and uncover them? If no, what manholes are buried to account for associated costs?

A9 The City will uncover buried manholes, if there are any.

Q10 Can the locations requiring tree protection as per IT Part 1, 12.0 be provided?

A10 Manholes with nearby vegetation include: 4350, 4382, 6364, 8073, and 8074. This list is not exhaustive. Generally, if there is vegetation close to a manhole, the Contractor will need to protect the vegetation and minimize the impacts wherever possible. Impacts are dependent on the Contractor's means and methods for the CIPP lining. If clearing is required, the limits of the clearing are first to be verified with the Contract Administrator.

Q11 In addition to Traffic Control are Project Notification Signs required to be posted within the neighbourhoods? If so can a template of Signage be provided (required information and size)?

A11 Project notification signs are required to be posted within the neighbourhoods. See attachment for the template.

END of Enquiries and Responses #1

Yours truly,



Heather M. Rossi
Procurement Specialist

**City of New Westminster
Intersection and
Safety Improvements**

Letters min size 4.5"

Quayside Dr. at Laguna Crt. Letters min size 3"

May - July 2019

Letters min size 3.5"

Expect Delays

**Contractor: Jack Cewe Construction Ltd.
Contact No.: 604-841-9609
Contact Person: Carl Brunken**

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X 1

**City of New Westminster
Intersection and
Safety Improvements**

Kelly St. at Major St.

May - July 2019

Expect Delays

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X 4

Job #6376