

Addendum No. 2

Acheson Zones 1 & 2 Wastewater Rehabilitation Cured in Place Pipe Request for Quotations (RFQ) No. Q201118EN

Amendment:

- 1) **Appendix D – Special Provisions, Section 1.5 Special Traffic Accommodation, has been revised to include the following:**

“1.5 (c) Parkland County has obtained an amended roadside development permit from Alberta Transportation for the work to be completed along Highway 16. The permit may be utilized by the successful contractor if all conditions and the included TAS is followed.

Note: The amended roadside development permit is only applicable to work completed along HWY 16, the work along HWY 60 and 261 St should be considered separately. ”

The permit has been attached with this addendum as Attachment 1.

- 2) **Appendix E – Technical Specifications, Section 33 01 31 - Item 1.4.3.1, has been revised to the following:**

“Unless otherwise specified, the groundwater table shall be assumed to be 0.0 m below the existing ground surface.”

- 3) **Appendix E – Technical Specifications, Section 33 01 31 – Item 2.0 Products has been revised to include the following:**

“

- 2.1.2 O-ring and End Seal Products

O-rings and end seals shall be LMK Technologies Insignia. Alternates may be proposed in accordance with Section 01 25 00. ”

- 4) **Appendix E – Technical Specifications, Section 33 01 32 – Item 2.0 Products has been revised to include the following:**

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- 2.1.2 Lateral Liners

Lateral liners shall be the LMK Technologies T-Liner. Alternates may be proposed in accordance with Section 01 25 00.

- 2.1.3 O-ring and End Seal Products

O-rings and end seals shall be LMK Technologies Insignia. Alternates may be proposed in accordance with Section 01 25 00. ”

Respondent Questions and Answers

1) Will any additional sewer lining products be accepted as an alternative to CIPP?

No. CIPP products must satisfy the requirements identified in Appendix E – Technical Specifications Section 33 01 31, Article 2.0 – Products.

2) What type of end seals are required and for what purpose?

See amendments #3 and #4 above. The purpose of the end seal is to prevent infiltration in the annular space.

3) What type of End Seals and O-Rings are required and purpose for them?

See amendments #3 and #4 above.

4) As per specifications identified in Appendix D – Special Provisions, 1.3 Lateral Lining - c), Scope of work for lateral lining from this contract is from the mainline to the private property line only. The drawings and specifications don't provide the length of laterals from mainline to property line. Please provide the length of each lateral from mainline to property line for scope clarity and to help us identify the material requirements.

Lengths of laterals from the main line to the property line have been measured as follows but should be confirmed in the field by the contractor:

- Lateral 57.1m upstream of SSMH02-008 (PLR L00-12): 3.5m
- Lateral 42.8m downstream of SSMH02-010 (PLR 01-13): 3.5m
- Lateral 73.2m downstream of SSMH02-006 (PLR L00-10):27m

5) Appendix G indicates all segments requiring cleaning. Appendix B – Quotation Form, Section 4, Item 2.1, identifies 850 LM for cleaning all segments. Is this listed in Appendix G from MH to MH? If not, can you provide a breakdown showing the 850 LM of cleaning?

It was assumed that segments with full segment and trenchless point repairs would be cleaned from manhole to manhole. Item 2.1 includes:

- 97-2 115 m
- 97-4 114 m
- 97-14 118m
- 00-04 130 m
- 00-08 90 m
- 00-10 114m
- 00-11 30 m

Lengths are approximate only. Cleaning for the lateral repairs is included in item 2.2.

An updated Appendix G forms part of this addendum and is included as Attachment 2.

- 6) **Is it possible to provide drawings with the satellite overlay to help show more accurately the manhole locations?**

Yes, an aerial photo is attached with this addendum as Attachment 3. Note that the photo is from 2017 and the Contractor must confirm the current site conditions.

- 7) **Is Pipe L97-14 located within CDN. Power Pac's yard? Or outside in the grass easement?**

L97-14 is in a URW within the fenced yard. Contractor to coordinate access.

- 8) **Can you clarify the Trenchless Point Repair required on PLR L00-08? Pipe Length is 88.9m (Appendix G), repair listed on drawing is from 86m to 88.1m and is asking for an end seal at MH 02-02A. Should it be 86m to 88.1m with 2 O-Rings, or 86m to 88.9m with 1 end seal and 1 O-Ring?**

The repair specified for PLR L00-08 should consist of a Trenchless Point Repair from SSMH 02-02A to min 0.3 m past the first joint upstream of SSMH 02-02A. The repair length is therefore from 82.7 m to 88.9 m (measured from SSMH02-003, in the downstream direction). Provide 1 end seal at SSMH 02-02A and 1 O-Ring at the CIPP termination at ~82.7 m.

- 9) **Can the CCTV video inspections be provided for review?**

CCTV inspections can be provided upon request. Respondents should provide email addresses to the County Contact indicated in Article 1.4 – Submittal Instructions to be added to a ShareFile folder by December 14,2020 at 16:00 hrs local time.

- 10) **Appendix E – Technical Specifications, Section 33 01 30.10 – Item 3.3.2 states Pumps and bypass lines shall be of sufficient capacity to manage peak flows. Can flow rate information be provided to properly price and assess bypass required for each specific scope of work?**

Flow monitoring in the summer of 2019 indicated that dry weather flows can range from approximately 3 to 10 L/s at MH01-044 and from 2 to 7 L/s at MH01-055 with a peak experienced in the middle of the work day. As this is an industrial area, flows vary throughout each day and from day to day. Flows can increase sharply during wet weather. This flow information is provided as supplementary information only and contractors are responsible to become familiar with current site conditions.

*****Acknowledgement of this Addendum is required in the submission*****