This addendum amends and forms part of the Proposal Documents. The Proponent shall insert the addendum behind the cover page of the Proposal Documents.

**PLEASE NOTE:** The closing date has been extended to ELEVEN-THIRTY FIFTY-NINE (11:30:59) A.M. (E.S.T.), WEDNESDAY, NOVEMBER 9, 2016.

**Question/Answers:**

**Question:**
Item 7.1.6: “Must have the ability to laser profile the interior of pipe if directed by the City Engineer (provisional item if directed to do it).” Comment: Laser profile relates to a laser image projected on the pipe wall then photographed by the camera unit. LIDAR relates to a time of flight measurement that is captured by a recording unit that takes accurate measurements based on light detection and ranging, independent of a photo image. Profiling works well for pipes under 1200mm, however, for accurate measurements of H2S corrosion in pipes 1200mm and greater, LIDAR is usually specified. As the pipe diameter in this RFP is 1800mm or greater, do you want Laser profile (which provides inaccurate data) or LIDAR? Please define what you would like.

**Answer:** LIDAR is required which is a high end scanning laser.

**Question:**
Following on the LIDAR provision, a significant proportion of the cost of this RFP will be deployment into and out of the pipe. As additional LIDAR sensor equipment must be attached prior to deployment, when will the direction be given to collect this data?

**Answer:** Data should be collected when undertaking the pipe inspection.
**Question:** Following on the LIDAR provision, would the City prefer that for all inspections in this RFP, that all pipe segments have LIDAR data collected at the same time so that in the future, at the discretion of the City and possibly based on CCTV data, a decision can be made to have the LIDAR data processed? This would prove economical for further analysis of critical pipes with significant H2S corrosion and also provide a baseline data point for measurement of the rate of H2S degradation. We would recommend specifying synchronized data collection of CCTV/Sonar/and LIDAR with CCTV reporting only at this time. A provisional item could be the reporting of the Sonar data. Another provisional item could be the reporting and analysing of LIDAR data.

**Answer:** Item 3 in Appendix “3” – Cost Proposal has been changed to LIDAR reporting and analyzing of the data. Proponent to collect the LIDAR data above when doing the pipe inspection and the reporting and analyzing is a provisional item should it be needed. Attached to this addendum is a revised Appendix “3” – Cost Proposal and Appendix “4” – Evaluation Criteria.

**Question:** There is no timeline for expected award, start date, or completion data that we can find. Can you please provide a timeline so we can consider if we have the resources to commit to this project.

**Answer:** Completed by July 2017.

**Question:** Item 7.1.9 “Must be able to have the equipment to provide HD video of the interior of the manholes/chambers and provide visual report on their condition.” Will you accept zoom camera inspections or are you requiring the usual high level of inspections that necessitates using equipment that provides CCTV as well as a measureable LIDAR point cloud so that engineering recommendations can be made and assessments on structural conditions are founded on measured wall loss due to H2S corrosion? Please be more specific on level of manhole inspection.

**Answer:** CCTV as well as LIDAR of the manholes.

**Question:** Following on the manhole/chambers inspection, do you require the inspection reports and analysis to be to NASSCO MACP as the industry standard?

**Answer:** YES

**Question:** It is assumed that the City has some sort of Asset Management software that this data will be inputted into. Will the deliverables be required to be inputted into the “system”?  

**Answer:** The deliverables will be input into our Asset Management system by hand.
**Question:**
Item 7.2.2 A complete third party report stamped by a Professional Engineer licensed in the province of Ontario of the findings in the sections of trunk sanitary sewer that were reviewed including the level of sedimentation, the structural rating of the piping that conveys the sewage within these sections and any issues observed in the inspected sections. To what standard does the City require the structural rating? What rating system? (NASSCO PACP/MACP?)

**Answer:** PACP

**Question:**
Further to the above, “The report must contain representational cross sections, digital HD CCTV and digital profiles of the sewer mains inspected. The sewer pipe inspection data format is to be WrC.” Please state the version of WRc, or it that up to the discretion of the Engineer?

**Answer:** PACP

Except for the contents of this addendum, all other terms and conditions of this proposal remain the same.

*END OF ADDENDUM NO. 1*

Yours truly,

THE CORPORATION OF THE CITY OF WINDSOR

*Elaine Castellan*

Elaine Castellan  
Purchasing Supervisor

EC/jm  
Attach.
ADDENDUM NO. 1
SANITARY TRUNK SEWER INSPECTION
RFP NO. 151-16

November 1, 2016

I hereby acknowledge receipt of Addendum No. 1 to the RFP No. 151-16 (10 pages).

The information contained therein is hereby noted and account of same will be taken in our proposal cost.

This information was received on the _____day of __________________, 20_____.

______________________________
Signature

______________________________
Name (Printed)

______________________________
Company Name

*NOTE: You are required to acknowledge this addendum with your submission.

PLEASE FAX BACK TO (519) 255-9891 OR E-MAIL @ purchasing@citywindsor.ca
SIGNED ACKNOWLEDGEMENT SHEET ASAP

Attn: Purchasing Department
APPENDIX “3” – COST PROPOSAL

TO: The Corporation of the City of Windsor
Attention: Purchasing Department
Legal Services Department
400 City Hall Square
Suite 403
Windsor, ON N9A 7K6

Name of Proponent:

____________________________________________________________________________________

Business Address:

____________________________________________________________________________________

Phone:_________________________ Fax:__________________________

Contact name for future correspondence and inquiries:

Name__________________________ Title:__________________________

Phone:_________________________ Fax:__________________________

E-mail: ________________________

We have read and we fully understand the requirements of the RFP, including the scope and nature of the services, the applicable timelines, the Contract, and any addenda issued by the City. We acknowledge that the opening of the Cost Proposal constitutes an offer from the City to enter the Evaluation Contract described in the RFP. We also acknowledge that, by submitting a Submission which substantially complies with the material requirements of the RFP, we accept that offer.

Having carefully examined the RFP, including all of the Appendices and including addendum numbers _______________, having fully investigated and ascertained existing conditions, circumstances and limitations affecting the services required under the Contract:
1. We offer to enter into the Contract with the City to provide the services required under the Contract for the fixed, All-Inclusive per meter unit price of:

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>UNIT PRICE Canadian Dollars ($/meter)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manhole to manhole inspection INCLUDING the collection of LIDAR data</td>
<td>$</td>
</tr>
</tbody>
</table>
The above fixed All-Inclusive per meter unit price:

(a) excludes the harmonized sales tax, but includes all other taxes and duties;
(b) includes the cost for all Traffic Control during the time of inspection;
(c) is a fixed, All-Inclusive per meter unit price for the provision of the services contemplated by the Contract.

DECLARATIONS
A. We declare that our Submission is not made in connection with any other Proponent and is, in all respects, fair and made without collusion or fraud.

B. We declare that our Submission applies and complies with any applicable fair wage practices.

C. We acknowledge and agree that our Submission is irrevocable and open for acceptance by the City for a period of one hundred and twenty (120) days starting from the day after the Submission Deadline.

D. We acknowledge and agree that, if awarded the Contract, we will:

(a) execute the Contract and deliver the executed original to the City within seven (7) business days of our receipt of the same;

(b) deliver to the City, within seven (7) business days of our receipt of notice of selection:
   (i) proof of all insurance required by the Contract; and,
   (ii) a current WSIB clearance certificate if applicable.

We acknowledge and agree that we will be in breach of the Evaluation Contract if we fail to comply with any of the above.

Signed, sealed and submitted for and on behalf of:

PROPOSER

________________________________________

DATE

______________________________

SIGNATURE

________________________________________

Name and Title

I have authority to bind the Proponent named above
-END OF APPENDIX “3”-
APPENDIX “4” – EVALUATION CRITERIA

1. Evaluation of Services Proposal

The Services Proposal will comprise 70% of the overall Proponent score. The evaluation criteria and relative weightings are to be applied as follows, referencing Appendix 2:

<table>
<thead>
<tr>
<th>EVALUATION CRITERIA</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proponent Information (sections 2 of Appendix 2)</td>
<td>15</td>
</tr>
<tr>
<td>Experience (sections 3 of Appendix 2)</td>
<td>40</td>
</tr>
<tr>
<td>Proponent Qualifications (sections 4 of Appendix 2)</td>
<td>20</td>
</tr>
<tr>
<td>References (sections 5 of Appendix 2)</td>
<td>20</td>
</tr>
<tr>
<td>Project (sections 6 of Appendix 2)</td>
<td>80</td>
</tr>
<tr>
<td>Proponent Personnel and Staffing (sections 7 of Appendix 2)</td>
<td>15</td>
</tr>
<tr>
<td>Understanding of assignment and methodology (Overall Proposal)</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>200</strong></td>
</tr>
</tbody>
</table>

2. Evaluation of Cost Proposal

The Cost Proposal will comprise 30% of the overall value of the Proponent score and is further broken down as follows:
<table>
<thead>
<tr>
<th>Price Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manhole to manhole inspection INCLUDING the collection of LIDAR data</td>
<td>20</td>
</tr>
<tr>
<td>Per manhole/chamber visual inspection</td>
<td>5</td>
</tr>
<tr>
<td>Reporting and analysis of the LIDAR data collected (Provisional)</td>
<td>5</td>
</tr>
</tbody>
</table>

2.1. All-Inclusive per meter unit price (Manhole to manhole inspection)

The lowest All-Inclusive per meter unit price (Manhole to manhole inspection) rate will be assigned a score of 20 marks. The remaining All-Inclusive per meter unit price (Manhole to manhole inspection) amounts will be allocated points in accordance with the following formula:

\[
\frac{\text{Lowest Rate}}{\text{Rate}} \times 20
\]

2.2 All-Inclusive price per inspection (Per manhole/chamber visual inspection)

The lowest All-Inclusive price per inspection (Per manhole/chamber visual inspection) rate will be assigned a score of 5 marks. The remaining All-Inclusive price per inspection (Per manhole/chamber visual inspection) amounts will be allocated points in accordance with the following formula:

\[
\frac{\text{Lowest Rate}}{\text{Rate}} \times 5
\]

2.3 All-Inclusive per meter unit price (Reporting and analysis of the LIDAR data collected)

The lowest All-Inclusive per meter unit price (Reporting and analysis of the LIDAR data collected) rate will be assigned a score of 5 marks. The remaining All-Inclusive per meter unit price (Reporting and analysis of the LIDAR data collected) amounts will be allocated points in accordance with the following formula:

\[
\frac{\text{Lowest Rate}}{\text{Rate}} \times 5
\]

- END OF APPENDIX “4”-