



PARTNERS IN  
ENGINEERING

**Addendum Number 1** Issued September 13, 2018

**Project Name** Colborne I&I Rehabilitation Work

**Location / Municipality** Colborne / Township of Cramahe

**Contract Number** 2018-12

**D.M. Wills Project Number** 2783

The following addendum now forms part of the contract documents. The following addendum is to be read and coordinated with all other parts of the contract documents.

Information contained herein supersedes the information contained in the original contract documents or any previous addenda.

Bidders are to acknowledge receipt of this addendum by emailing the signed "Acknowledgement of Addendum" portion of this addendum to D.M. Wills Associates Limited at:

- [rjackson@dmwills.com](mailto:rjackson@dmwills.com) Attention: Robert Jackson

Failure to comply with the above condition may result in the bidder being disqualified.

#### **Clarifications:**

The intent of this addendum is to replace the Maintenance Hole Rehabilitation using reference to City of Toronto Specification TS 4.13 (products and methods) with Maintenance Hole Grouting and Sealing. Therefore Items 401 and 402 are modified as follows:

Delete Pages:

- S2-13
- S5-i
- S5-7
- S6-8

Replace the above pages with the following:

- S2-13. ADD1
- S5.i.ADD1
- S5-7.ADD1
- S5-8.ADD1

D.M. Wills Associates Limited  
150 Jameson Drive, Peterborough, Ontario, Canada K9J 0B9  
P. 705.742.2297 F. 705.748.9944 E. wills@dmwills.com



Professional  
Engineers  
Ontario



Consulting  
Engineers of  
Ontario



ASSOCIATION OF  
CONSULTING ENGINEERING  
COMPANIES | CANADA



Addendum No. 1  
Page 2 of 3  
[Click here to enter date](#)

**End of Addendum No. 1**



Addendum No. 1  
Page 3 of 3  
[Click here to enter date](#)

### **Acknowledgment of Addendum No. 1**

<b>Addendum Number 1</b>	Issued September 13, 2018
<b>Project Name</b>	Colborne I&I Rehabilitation Work
<b>Location / Municipality</b>	Colborne / Township of Cramahe
<b>Contract Number</b>	2018-12
<b>D.M. Wills Project Number</b>	2783

Tenderers are to acknowledge receipt of Addendum No. 1 by emailing this signed "Acknowledgement of Addendum No. 1 form to D.M. Wills Associates Limited at [rjackson@dmwills.com](mailto:rjackson@dmwills.com), Attention: Robert Jackson

1. The tenderer shall take into account the contents of this addendum received during the tendering period and apply them to the appropriate section(s) of the original tender document

I hereby acknowledge receipt of addendum No 1

---

Signed (must be Signing Officer of company)

---

Position

---

Name of Firm

---

Date

#### Section 4 – Maintenance Hole Repairs

Item No.	Spec. No.	Description of Work	Qty.	Unit	Unit Price	Total Price
401	407, SP	Maintenance Hole 212 Rehabilitation	1	LS		
402	SP	Provisional: Maintenance Hole Grouting and Sealing				
a		1200Ø Maintenance Hole	20	ea.		
b		1500Ø Maintenance Hole	20	ea.		
c		1800Ø Maintenance Hole	20	ea.		
403	SP	Provisional: Supply and Install Parson Manhole Inserts	20	ea.		
404	SP	Provisional: Replacement Lids	5	ea.		
<b>Total:</b>						

**Special Provisions – Tender Items – Index**

101. Insurance, Mobilization and Demobilization..... 1  
102. Bonding ..... 1  
103. Traffic Control and Signage..... 1  
201. Sanitary Cleanout Cap Repairs ..... 2  
301. Structural Spot Repairs..... 4  
302. Provisional: Structural Spot Repairs ..... 5  
303. Provisional: Structural Pipe Lining ..... 7  
401. Maintenance Hole 212 Rehabilitation ..... 7  
402. Provisional: Maintenance Hole Grouting and Sealing ..... 7  
403. Provisional: Supply and Install Parson Manhole Inserts ..... 8  
404. Provisional: Replacement Lids..... 8

### **303. Provisional: Structural Pipe Lining**

1. OPSS 460 is amended to include the following:
2. Measurement for Payment - shall be per metre of actual sewer relining installed.
3. Basis of Payment - shall include full compensation for all costs for labour, materials and equipment necessary to complete the work for this item.

### **401. Maintenance Hole 212 Rehabilitation**

1. Reference: OPSS 407 and as amended below:
2. An existing maintenance hole inspection report is located in **Appendix B of Section 7**.
3. Description: the work includes:
  - a. Removing the existing benching, and replacing with a new barrel(s), to bring the height of the structure to 4.0m as measured from the, top of the benching to the top of the rim.
  - b. Completing Maintenance Hole grouting and sealing using Polymer Concrete Grout product to be approved by the Engineer. The sealing and grouting will be from the top of the barrels to the base of the structure including inlet and outlet pipes. The sealing will occur in areas that have shown signs of infiltration. The contractor will be responsible for inspection to determine the locations of infiltration. The grouting installation shall be in accordance with the Performance Specification Guideline for Manhole Rehabilitation December 2013, as published by NASSCO.
  - c. Installation of a Parson Manhole Insert.
  - d. All sediment and erosion control measures necessary while working around a watercourse.
4. Measurement for Payment – Measurement by Lump Sum.
5. Basis of Payment - shall include full compensation for all costs for labour, materials and equipment necessary to complete the work for this item.

### **402. Provisional: Maintenance Hole Grouting and Sealing**

1. Reference: Performance Specification Guideline for Manhole Rehabilitation December, 2013 published by NASSCO and amended to include the following:
  1. Completing Maintenance Hole grouting and sealing using Polymer Concrete Grout product to be approved by the Engineer. The sealing and grouting will be from the top of the barrels to the base of the structure including inlet and

outlet pipes. The sealing will occur in areas that have shown signs of infiltration. The contractor will be responsible for inspection to determine the locations of infiltration. The grouting installation shall be in accordance with the Performance Specification Guideline for Manhole Rehabilitation December 2013, as published by NASSCO.

2. Measurement for Payment will be by each maintenance hole grouted and sealed.
3. Payment for all equipment, labour and materials to complete grouting and sealing of each maintenance hole restoration.

### **403. Provisional: Supply and Install Parson Manhole Inserts**

1. Description: Includes all labour, equipment and materials to install Parson Manhole Inserts on selected maintenance holes. The work involves lifting the maintenance hole lid and installing the Parson Manhole Inserts where directed by the Contract Administrator.
2. Measurement: For each Parson Manhole Insert supplied and installed.
3. Payment includes all labour, equipment and materials to complete the work.

### **404. Provisional: Replacement Lids**

1. Description: Includes all labour, equipment and materials to install a Cast Iron circular Type A (closed) cover and square frame as per OPSD 401.010 on maintenance holes where required by the Contract Administrator. In places where there may be substantial disturbance to the surface asphalt / concrete the Contract Administrator may request that a replacement cover without the frame is installed. The work involves lifting the maintenance hole lid and installing the cover and frame where directed by the Contract Administrator. The surface restoration for disturbance is incidental but does not include asphalt or concrete rehabilitation work.
2. Measurement: For each maintenance hole cover and frame installed.
3. Payment includes all labour, equipment and materials to complete the work.