



NEW WESTMINSTER

October 24, 2014

**ADDENDUM #1
NWIT-14-40
2014 Sewer Rehabilitation Program – CIPP Relining
New Westminster, BC**

This addendum modifies the Invitation to Tender only as noted:

Please see Addendum No.1 Opus DaytonKnight Consultants Ltd (10 pages following)

Please acknowledge this addendum as indicated in the Form of Tender.

END OF ADDENDUM #1

Yours truly,

Heather M. Rossi
Intermediate Buyer
email: hrossi@newwestcity.ca

**CITY OF NEW WESTMINSTER
CONTRACT No. NWIT-14-40
2014 SEWER REHABILITATION PROGRAM – CIPP RELINING**

ADDENDUM No. 1

This Addendum shall form part of the Contract No. NWIT-14-40

CLARIFICATIONS

1. Note: Rehab #28 & #31 involve work on existing storm sewers. Resins used for the rehabilitation of these sewers will be styrene-free (or non-styrenated) and suitable for use in storm sewers.

FORM OF TENDER

1. Form of Tender – Appendix 1

Replace: Existing “Appendix 1 – Schedule of Quantities and Prices”

With: Appendix 1 – Schedule of Quantities and Prices (Revised) - attached to this addendum.

NOTE: Rehab #23 & #27 have been made Optional due to budgetary constraints. Please see paragraph 17 of the Instructions to Tender Part II regarding prices for *Optional Work*.

SUPPLEMENTARY SPECIFICATIONS

1. Section 33 05 24S – Cured in Place Pipe:

2.0 PRODUCTS

2.2 Resin

- .3 *Add Clause 2.2.3 as follows:*

“All resins used in the rehabilitation of storm sewers will be styrene-free (or non-styrenated) and suitable for use in storm sewers.”

2. Section 33 05 25S – Sewer Rehabilitation Trenchless Point Repair:

2.0 PRODUCTS

2.1 CIPP Point Repair Products

- .1 *Add to Clause 2.1.1 as follows:*

“All resins used in the rehabilitation of storm sewers will be styrene-free (or non-styrenated) and suitable for use in storm sewers.”

Attach this Addendum to the Contract Documents.

Date: October 23rd, 2014

Addendum No. 1 received.

Signature of Tenderer

OPUS DAYTONKNIGHT CONSULTING LTD.
#210 – 889 Harbourside Drive
North Vancouver, B.C.
V7P 3S1

Name of Tenderer (please print)

CITY OF NEW WESTMINSTER
511 Royal Avenue
New Westminster, B.C.
V3L 1H9

Form of Tender – Appendix 1

2014 SEWER REHABILITATION PROGRAM – CIPP RELINING

SCHEDULE OF QUANTITIES AND PRICES
(See paragraph 5.3.1 of the Instructions to Tender – Part II)

| ITEM NO. | MMCD REF. | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE | AMOUNT |
|--|----------------------|--|-------|----------|------------|--------|
| Section A – MAINLINE SEWER REHABILITATION | | | | | | |
| Rehab #21 – CIPP | | | | | | |
| 21.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 75 | | |
| 21.2 | 33 05 24S 1.9.8 | MH 5121 to MH 5132 - 250 mm ø VC Eighth Street, Queens Avenue to Royal Avenue G2-#21 - Full Length CIPP Reline | Lin.M | 75 | | |
| 21.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 8 | | |
| 21.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 8 | | |
| 21.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 75 | | |
| Rehab #22 – CIPP | | | | | | |
| 22.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 40 | | |
| 22.2 | 33 05 24S 1.9.8 | MH 6123 to MH 6122 - 600 mm ø Conc Tenth Avenue, Sixth Street to Eighth Street G2-#22 - Full Length CIPP Reline | Lin.M | 40 | | |
| 22.3 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 40 | | |
| Rehab #24 – CIPP | | | | | | |
| 24.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 88 | | |
| 24.2 | 33 05 24S 1.9.8 | MH 4002 to MH 5385 - 250 mm ø VC Queens Avenue, Sixth Street to Seventh Street G5-#24 - Full Length CIPP Reline | Lin.M | 88 | | |
| 24.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 5 | | |
| 24.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 5 | | |
| 24.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 88 | | |

Tenderer's Initials _____

| ITEM NO. | MMCD REF. | DESCRIPTION | UNIT | QUAN-TITY | UNIT PRICE | AMOUNT |
|-----------------------------------|----------------------|--|-------|-----------|------------|--------|
| Rehab #25 – CIPP & EPR | | | | | | |
| 25.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 92 | | |
| 25.2 | 33 05 26S 1.3.1 | EPR - Replace from 91.7 m DS to MH 4369 with 150 mm dia. DR35 PVC | L.Sum | 1 | | |
| 25.3 | 33 05 24S 1.9.8 | MH 4370 to MH 4369 - 150 mm ø VC Fifth Avenue, Third Street to Second Street G6-#25 - Full Length CIPP Reline | Lin.M | 92 | | |
| 25.4 | 33 05 24S 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 10 | | |
| 25.5 | 33 05 24S 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 10 | | |
| 25.6 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 92 | | |
| Rehab #26 – CIPP | | | | | | |
| 26.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 133 | | |
| 26.2 | 33 05 24S 1.9.8 | MH 4007 to MH 4009 - 250 mm ø VC Third Street, Queens Avenue to Royal Avenue G3-#26 - Full Length CIPP Reline | Lin.M | 133 | | |
| 26.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 5 | | |
| 26.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 5 | | |
| 26.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 133 | | |
| Rehab #28 – CIPP | | | | | | |
| 28.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 18 | | |
| 28.2 | 33 05 24S 1.9.8 | MH 4083B to MH 4083C - 750 mm ø Conc Between Fourth and Sixth Streets, South of Columbia Street G5-#28 - Full Length CIPP Reline | Lin.M | 18 | | |
| 28.3 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 18 | | |
| Rehab #29 – CIPP & EPR | | | | | | |
| 29.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 64 | | |
| 29.2 | 33 05 26S 1.3.1 | EPR - Replace from 40.5 m to 42.5 with 200 mm dia. DR35 PVC to repair JOL | L.Sum | 1 | | |

Tenderer's Initials _____

| ITEM NO. | MMCD REF. | DESCRIPTION | UNIT | QUAN-TITY | UNIT PRICE | AMOUNT |
|--------------------------|-----------------------------|---|-------|-----------|------------|--------|
| 29.3 | 33 05 24S 1.9.8 | MH 4399A to MH 4399B - 200 mm ø VC Third Street, Fifth Avenue to Regina Street G6-#29 - Full Length CIPP Reline | Lin.M | 64 | | |
| 29.4 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 4 | | |
| 29.5 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 4 | | |
| 29.6 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 64 | | |
| Rehab #30 – CIPP | | | | | | |
| 30.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 66 | | |
| 30.2 | 33 05 24S 1.9.8 | MH 4399 to MH 4399B - 200 mm ø VC Third Street, Fifth Avenue to St.Patrick Street G6-#30 - Full Length CIPP Reline | Lin.M | 66 | | |
| 30.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 4 | | |
| 30.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 4 | | |
| 30.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 66 | | |
| Rehab #31 – CIPP | | | | | | |
| 31.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 33 | | |
| 31.2 | 33 05 24S 1.9.8 | MH 4105 to MH 4108 - 600 mm ø Conc Sixth Street, South of Columbia Street G7-#31 - Full Length CIPP Reline | Lin.M | 33 | | |
| 31.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 2 | | |
| 31.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 2 | | |
| 31.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 33 | | |
| Rehab #32 – TPR's | | | | | | |
| 32.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection | Lin.M | 150 | | |
| 32.2 | 33 05 25S 1.2.1 | MH 6207 to MH 6189 - 250 mm ø VC Seventh Avenue, Sixth Street to Eighth Street G8-#32 - TPR - from 12.7 m to 15.7 m to repair FM | L.Sum | 1 | | |

Tenderer's Initials _____

| ITEM NO. | MMCD REF. | DESCRIPTION | UNIT | QUAN-TITY | UNIT PRICE | AMOUNT |
|------------------------------------|-----------------------------|---|-------|-----------|------------|--------|
| 32.3 | 33 05 25S 1.2.1 | MH 6207 to MH 6189 - 250 mm \emptyset VC Seventh Avenue, Sixth Street to Eighth Street G8-#32 - TPR - from 117.4 m to 119.4 m to repair B | L.Sum | 1 | | |
| 32.4 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 150 | | |
| Rehab #33 – TPR's & EPR | | | | | | |
| 33.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 152 | | |
| 33.2 | 33 05 25S 1.2.1 | MH 6206 to MH 6188 - 200 mm \emptyset VC Seventh Avenue, Sixth Street to Eighth Street G8-#33 - TPR - from 11.5 m to 13.5 m to repair CM & CL | L.Sum | 1 | | |
| 33.3 | 33 05 26S 1.3.1 | EPR - Replace from 45.6 m to 47.6 m with 200 mm \emptyset PVC to repair CC (incl. reinstate service connection) | L.Sum | 1 | | |
| 33.4 | 33 05 25S 1.2.1 | MH 6206 to MH 6188 - 200 mm \emptyset VC Seventh Avenue, Sixth Street to Eighth Street G8-#33 - TPR - from 70.6 m to 72.6 m to repair FC & CL | L.Sum | 1 | | |
| 33.5 | 33 05 25S 1.2.1 | MH 6206 to MH 6188 - 200 mm \emptyset VC Seventh Avenue, Sixth Street to Eighth Street G8-#33 - TPR - from 133.2 m to 135.2 m to repair FC | L.Sum | 1 | | |
| 33.6 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 152 | | |
| Rehab #34 – CIPP | | | | | | |
| 34.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 83 | | |
| 34.2 | 33 05 24S 1.9.8 | MH 6329 to MH 6330 - 150 mm \emptyset VC Sixth Avenue, Third Street to Second Street G7-#34 - Full Length CIPP Reline | Lin.M | 83 | | |
| 34.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 17 | | |
| 34.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 17 | | |
| 34.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 83 | | |
| Rehab #35 – CIPP & EPR | | | | | | |
| 35.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 92 | | |

Tenderer's Initials _____

| ITEM NO. | MMCD REF. | DESCRIPTION | UNIT | QUAN -TITY | UNIT PRICE | AMOUNT |
|---|-----------------------------|---|-------|------------|------------|--------|
| 35.2 | 33 05 26S 1.3.1 | EPR - Replace from 13.5 m to 15.5 with 200 mm dia. DR35 PVC to repair JOL | L.Sum | 1 | | |
| 35.3 | 33 05 24S 1.9.8 | MH 4222 to MH 4227 - 150 mm ø VC Peel Street, Manitoba Street to Royal Avenue G3-#35 - Full Length CIPP Reline | Lin.M | 92 | | |
| 35.4 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 11 | | |
| 35.5 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 11 | | |
| 35.6 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 92 | | |
| Rehab #36 – CIPP & New Manhole | | | | | | |
| 36.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 163 | | |
| 36.2 | 33 44 01S 1.5.1.1 | New 1050 mm dia. RC Manhole as per MMCD Standard Detailed Drawing S1 | Each | 1 | | |
| 36.3 | 33 05 24S 1.9.8 | MH 6391 to MH 6365 - 200 mm ø VC Seventh Avenue, Second Street to First Street G9-#36 - Full Length CIPP Reline | Lin.M | 163 | | |
| 36.4 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 12 | | |
| 36.5 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 12 | | |
| 36.6 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 163 | | |
| Rehab #37 – CIPP | | | | | | |
| 37.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 109 | | |
| 37.2 | 33 05 24S 1.9.8 | MH 6373 to MH 6372 - 250 mm ø VC First Street, Eighth Avenue to Durham Street G4-#37 - Full Length CIPP Reline | Lin.M | 109 | | |
| 37.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 9 | | |
| 37.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 9 | | |
| 37.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 109 | | |
| Rehab #38 – CIPP | | | | | | |
| 38.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 100 | | |

Tenderer's Initials _____

| ITEM NO. | MMCD REF. | DESCRIPTION | UNIT | QUAN-TITY | UNIT PRICE | AMOUNT |
|---|-----------------------------|--|-------|-----------|------------|--------|
| 38.2 | 33 05 24S 1.9.8 | MH 6331 to MH 4374 - 150 mm ø VC Second Street, Sixth Avenue to Regina Street G9-#38 - Full Length CIPP Reline | Lin.M | 100 | | |
| 38.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 15 | | |
| 38.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 15 | | |
| 38.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 100 | | |
| Rehab #39 – CIPP | | | | | | |
| 39.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 106 | | |
| 39.2 | 33 05 24S 1.9.8 | MH 4340 to MH 4347 - 400 mm ø VC Second Street, North of Third Avenue to South of Third Avenue G9-#39 - Full Length CIPP Reline | Lin.M | 106 | | |
| 39.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement (Optional) | Each | 9 | | |
| 39.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing (Optional) | Each | 9 | | |
| 39.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 106 | | |
| SUB-TOTAL SECTION A | | | | | | |
| Plus GST (5%) | | | | | | |
| TOTAL SECTION A - MAINLINE SEWER REHABILITATION | | | | | | |
| Section B – OPTIONAL WORK | | | | | | |
| Rehab #23 – CIPP | | | | | | |
| 23.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 103 | | |
| 23.2 | 33 05 24S 1.9.8 | MH 6218 to MH 6217 - 150 mm ø VC Sixth Street, Hamilton Street to Seventh Avenue G8-#23 - Full Length CIPP Reline | Lin.M | 103 | | |
| 23.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement | Each | 3 | | |
| 23.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing | Each | 3 | | |
| 23.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 103 | | |

Tenderer's Initials _____

| ITEM NO. | MMCD REF. | DESCRIPTION | UNIT | QUAN-TITY | UNIT PRICE | AMOUNT |
|--|----------------------|---|-------|-----------|------------|--------|
| Rehab #27 – CIPP | | | | | | |
| 27.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 165 | | |
| 27.2 | 33 05 24S 1.9.8 | MH 6318 to MH 6319 - 250 mm ø VC Eighth Avenue, Fourth Street to Second Street G4-#27 - Full Length CIPP Reline | Lin.M | 165 | | |
| 27.3 | 33 05 24 1.9.9 | Service Connection Re-Instatement | Each | 10 | | |
| 27.4 | 33 05 24 1.9.10 | Service Connection Interface Sealing | Each | 10 | | |
| 27.5 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 165 | | |
| Rehab #40 – CIPP, EPR's & New Manhole | | | | | | |
| 40.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 55 | | |
| 40.2 | 33 05 26S 1.3.1 | EPR - Remove intruding rock at 1.7 m | L.Sum | 1 | | |
| 40.3 | 33 05 26S 1.3.1 | EPR - Replace from 59.7 m to 61.7 m with 200 mm dia. DR35 PVC to repair JOL | L.Sum | 1 | | |
| 40.4 | 33 44 01S 1.5.1.1 | New 1050 mm dia. RC Manhole as per MMCD Standard Detailed Drawing S1 | Each | 1 | | |
| 40.5 | 33 05 24S 1.9.8 | MH 4078 to MH 4086 - 200 mm ø VC Columbia Street, Church Street to Fourth Street G5-#40 - Full Length CIPP Reline | Lin.M | 55 | | |
| 40.6 | 33 05 24 1.9.9 | Service Connection Re-Instatement | Each | 1 | | |
| 40.7 | 33 05 24 1.9.10 | Service Connection Interface Sealing | Each | 1 | | |
| 40.8 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 55 | | |
| Rehab #41 – CIPP & EPR | | | | | | |
| 41.1 | 33 01 30.1S 1.6.2 | Pre-Construction CCTV inspection with LAMP camera to verify active service connections | Lin.M | 172 | | |
| 41.2 | 33 05 26S 1.3.1 | EPR - Excavate and remove concrete within sewer at 60 m US, replace section of pipe with 200 mm dia. DR35 PVC | L.Sum | 1 | | |

Tenderer's Initials _____

| ITEM NO. | MMCD REF. | DESCRIPTION | UNIT | QUAN-TITY | UNIT PRICE | AMOUNT |
|---------------------------------|-----------------------------|---|-------|-----------|------------|--------|
| 41.3 | 33 05 24S 1.9.8 | MH 4131 to MH 4388 - 200 mm ø VC Fourth Street, Sixth Avenue to Fifth Avenue G7-#41 - Full Length CIPP Reline | Lin.M | 172 | | |
| 41.4 | 33 05 24 1.9.9 | Service Connection Re-Instatement | Each | 4 | | |
| 41.5 | 33 05 24 1.9.10 | Service Connection Interface Sealing | Each | 4 | | |
| 41.6 | 33 01 30.1S 1.6.2 | Post - Construction CCTV inspection | Lin.M | 172 | | |
| SUB-TOTAL SECTION B | | | | | | |
| Plus GST (5%) | | | | | | |
| TOTAL SECTION B – OPTIONAL WORK | | | | | | |

Summary:

- Section A – MAINLINE SEWER REHABILITATION \$ _____
- Section B – OPTIONAL WORK \$ _____

- TOTAL AMOUNT OF TENDER \$ _____

It is understood and agreed that the quantities stated herein are approximate only and are given for the purpose of providing a uniform basis for the comparison of tenders. Payment will be made only on quantities as actually determined on final measurements.

It is understood that the lowest or any tender will not necessarily be accepted.

Witness

Signature of Tenderer

Address of Tenderer

Company Name

Telephone Number

Tenderer's Initials _____