



NEW WESTMINSTER

October 31, 2018

**ADDENDUM #1
NWIT-18-23
2018 & 2019 CCTV Sewer Inspection Program
New Westminster, BC**

This addendum modifies the Invitation to Tender only as noted:

FORM OF TENDER

<**DELETE**> Appendix 1 Schedule of Quantities and Prices included with Tender Documents and <**REPLACE WITH**> Revised Addendum #1 Appendix 1 (8 pages following) changes noted with yellow highlight

ATTACHMENTS

<**DELETE**> Attachment 2 - PACP & MACP Header Example (1 page) included with Tender Documents and <**REPLACE WITH**> Attachment 2 - PACP & MACP Header Example (2 pages following)

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

END OF ADDENDUM #2

Yours truly,

Heather M. Rossi
Intermediate Buyer

FORM OF TENDER – Appendix 1

SCHEDULE OF QUANTITIES AND PRICES

(See paragraph 5.3.1 of the Instructions to Tenderers - Part II)

(All prices and *Quotations* including the *Contract Price* shall include all *Taxes*, but shall not include *GST*. *GST* shall be shown separately.)

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
SECTION 1 – INSPECTION OF SEWERS						
Glenbrook Ravine Area						
Sanitary Sewer						
1.01	33 01 30.1 1.6	200mm diameter pipe	l.m.	280	\$	\$
Storm Sewer						
1.02	33 01 30.1 1.6	375mm diameter pipe	l.m.	44	\$	\$
1.03	33 01 30.1 1.6	400mm diameter pipe	l.m.	74	\$	\$
1.04	33 01 30.1 1.6	450mm diameter pipe	l.m.	81	\$	\$
1.05	33 01 30.1 1.6	525mm diameter pipe	l.m.	23	\$	\$
1.06	33 01 30.1 1.6	600mm diameter pipe	l.m.	32	\$	\$
Queensborough Area						
Sanitary Sewer						
1.07	33 01 30.1 1.6	100mm diameter pipe	l.m.	50	\$	\$
1.08	33 01 30.1 1.6	150mm diameter pipe	l.m.	166	\$	\$
1.09	33 01 30.1 1.6	200mm diameter pipe	l.m.	14,598	\$	\$
1.10	33 01 30.1 1.6	250mm diameter pipe	l.m.	84	\$	\$
1.11	33 01 30.1 1.6	300mm diameter pipe	l.m.	283	\$	\$

Tenderer's Initials _____

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
		Storm Sewer				
1.12	33 01 30.1 1.6	150mm diameter pipe	l.m.	50	\$	\$
1.13	33 01 30.1 1.6	200mm diameter pipe	l.m.	254	\$	\$
1.14	33 01 30.1 1.6	250mm diameter pipe	l.m.	3,192	\$	\$
1.15	33 01 30.1 1.6	300mm diameter pipe	l.m.	1,723	\$	\$
1.16	33 01 30.1 1.6	375mm diameter pipe	l.m.	1,164	\$	\$
1.17	33 01 30.1 1.6	400mm diameter pipe	l.m.	31	\$	\$
1.18	33 01 30.1 1.6	450mm diameter pipe	l.m.	1,379	\$	\$
1.19	33 01 30.1 1.6	525mm diameter pipe	l.m.	728	\$	\$
1.20	33 01 30.1 1.6	600mm diameter pipe	l.m.	1,171	\$	\$
1.21	33 01 30.1 1.6	675mm diameter pipe	l.m.	14	\$	\$
1.22	33 01 30.1 1.6	750mm diameter pipe	l.m.	1,124	\$	\$
1.23	33 01 30.1 1.6	900mm diameter pipe	l.m.	1,447	\$	\$
1.24	33 01 30.1 1.6	1050mm diameter pipe	l.m.	1,049	\$	\$
1.25	33 01 30.1 1.6	1200mm diameter pipe	l.m.	889	\$	\$
1.26	33 01 30.1 1.6	1390mm diameter pipe	l.m.	48	\$	\$
		Sapperton Area				
		Sanitary Sewer				
1.27	33 01 30.1 1.6	150mm diameter pipe	l.m.	56	\$	\$
1.28	33 01 30.1 1.6	200mm diameter pipe	l.m.	1,222	\$	\$
1.29	33 01 30.1 1.6	250mm diameter pipe	l.m.	57	\$	\$
1.30	33 01 30.1 1.6	300mm diameter pipe	l.m.	345	\$	\$
1.31	33 01 30.2 1.5	375mm diameter pipe	l.m.	95	\$	\$

Tenderer's Initials _____

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
		Storm Sewer				
1.33	33 01 30.1 1.6	150mm diameter pipe	l.m.	10	\$	\$
1.34	33 01 30.1 1.6	200mm diameter pipe	l.m.	1,089	\$	\$
1.35	33 01 30.1 1.6	250mm diameter pipe	l.m.	477	\$	\$
1.36	33 01 30.1 1.6	300mm diameter pipe	l.m.	782	\$	\$
1.37	33 01 30.1 1.6	375mm diameter pipe	l.m.	747	\$	\$
1.38	33 01 30.1 1.6	450mm diameter pipe	l.m.	532	\$	\$
1.39	33 01 30.1 1.6	525mm diameter pipe	l.m.	186	\$	\$
1.40	33 01 30.1 1.6	600mm diameter pipe	l.m.	394	\$	\$
1.41	33 01 30.1 1.6	750mm diameter pipe	l.m.	389	\$	\$
1.42	33 01 30.1 1.6	825mm diameter pipe	l.m.	77	\$	\$
1.43	33 01 30.1 1.6	900mm diameter pipe	l.m.	244	\$	\$
1.44	33 01 30.1 1.6	1050mm diameter pipe	l.m.	140	\$	\$
1.45	33 01 30.1 1.6	1200mm diameter pipe	l.m.	363	\$	\$
1.46	33 01 30.1 1.6	1670mm diameter pipe	l.m.	161	\$	\$
1.47	33 01 30.1 1.6	1800mm diameter pipe	l.m.	271	\$	\$
1.48	33 01 30.1 1.6	Unknown pipe diameter	l.m.	87	\$	\$
		Combined Sewer				
1.49	33 01 30.1 1.6	100mm diameter pipe	l.m.	56	\$	\$
1.50	33 01 30.1 1.6	150mm diameter pipe	l.m.	1,452	\$	\$
1.51	33 01 30.1 1.6	200mm diameter pipe	l.m.	10,260	\$	\$
1.52	33 01 30.1 1.6	250mm diameter pipe	l.m.	1,879	\$	\$

Tenderer's Initials _____

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
1.53	33 01 30.1 1.6	300mm diameter pipe	l.m.	2,870	\$	\$
1.54	33 01 30.1 1.6	350mm diameter pipe	l.m.	229	\$	\$
1.55	33 01 30.1 1.6	375mm diameter pipe	l.m.	1,618	\$	\$
1.56	33 01 30.1 1.6	400mm diameter pipe	l.m.	464	\$	\$
1.57	33 01 30.1 1.6	450mm diameter pipe	l.m.	1,628	\$	\$
1.58	33 01 30.1 1.6	600mm diameter pipe	l.m.	1,024	\$	\$
1.59	33 01 30.1 1.6	650 mm diameter pipe	l.m.	109	\$	\$
1.60	33 01 30.1 1.6	750mm diameter pipe	l.m.	101	\$	\$
1.61	33 01 30.1 1.6	825mm diameter pipe	l.m.	431	\$	\$
1.62	33 01 30.1 1.6	900mm diameter pipe	l.m.	353	\$	\$
1.63	33 01 30.1 1.6	1000mm diameter pipe	l.m.	204	\$	\$
1.64	33 01 30.1 1.6	1200mm diameter pipe	l.m.	210	\$	\$
TOTAL SECTION 1 – INSPECTION OF SEWERS <i>(transfer to Summary Sheet)</i>						
SECTION 2 – CLEANING OF SEWERS						
		Glenbrook Ravine Area				
		Sanitary Sewer				
2.01	33 01 30.2 1.5	200mm diameter pipe	l.m.	280	\$	\$
		Storm Sewer				
2.02	33 01 30.2 1.5	375mm diameter pipe	l.m.	44	\$	\$
2.03	33 01 30.2 1.5	400mm diameter pipe	l.m.	74	\$	\$
2.04	33 01 30.2 1.5	450mm diameter pipe	l.m.	81	\$	\$

Tenderer's Initials _____

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
2.05	33 01 30.2 1.5	525mm diameter pipe	l.m.	23	\$	\$
2.06	33 01 30.2 1.5	600mm diameter pipe	l.m.	32	\$	\$
		Queensborough Area				
		Sanitary Sewer				
2.07	33 01 30.2 1.5	100mm diameter pipe	l.m.	50	\$	\$
2.08	33 01 30.2 1.5	150mm diameter pipe	l.m.	166	\$	\$
2.09	33 01 30.2 1.5	200mm diameter pipe	l.m.	14,598	\$	\$
2.10	33 01 30.2 1.5	250mm diameter pipe	l.m.	84	\$	\$
2.11	33 01 30.2 1.5	300mm diameter pipe	l.m.	283	\$	\$
		Storm Sewer				
2.12	33 01 30.2 1.5	150mm diameter pipe	l.m.	50	\$	\$
2.13	33 01 30.2 1.5	200mm diameter pipe	l.m.	254	\$	\$
2.14	33 01 30.2 1.5	250mm diameter pipe	l.m.	3,192	\$	\$
2.15	33 01 30.2 1.5	300mm diameter pipe	l.m.	1,723	\$	\$
2.16	33 01 30.2 1.5	375mm diameter pipe	l.m.	1,164	\$	\$
2.17	33 01 30.2 1.5	400mm diameter pipe	l.m.	31	\$	\$
2.18	33 01 30.2 1.5	450mm diameter pipe	l.m.	1,379	\$	\$
2.19	33 01 30.2 1.5	525mm diameter pipe	l.m.	728	\$	\$
2.20	33 01 30.2 1.5	600mm diameter pipe	l.m.	1,171	\$	\$
2.21	33 01 30.2 1.5	675mm diameter pipe	l.m.	14	\$	\$
2.22	33 01 30.2 1.5	750mm diameter pipe	l.m.	1,124	\$	\$
2.23	33 01 30.2 1.5	900mm diameter pipe	l.m.	1,447	\$	\$

Tenderer's Initials _____

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
2.24	33 01 30.2 1.5	1050mm diameter pipe	l.m.	1,049	\$	\$
2.25	33 01 30.2 1.5	1200mm diameter pipe	l.m.	889	\$	\$
2.26	33 01 30.2 1.5	1390mm diameter pipe	l.m.	48	\$	\$
		Sapperton Area (Area 01)				
		Sanitary Sewer				
2.27	33 01 30.1 1.5	150mm diameter pipe	l.m.	56	\$	\$
2.28	33 01 30.1 1.5	200mm diameter pipe	l.m.	1,222	\$	\$
2.29	33 01 30.1 1.5	250mm diameter pipe	l.m.	57	\$	\$
2.30	33 01 30.1 1.5	300mm diameter pipe	l.m.	345	\$	\$
2.31	33 01 30.2 1.5	375mm diameter pipe	l.m.	95	\$	\$
		Storm Sewer				
2.33	33 01 30.1 1.5	150mm diameter pipe	l.m.	10	\$	\$
2.34	33 01 30.1 1.5	200mm diameter pipe	l.m.	1,089	\$	\$
2.35	33 01 30.1 1.5	250mm diameter pipe	l.m.	477	\$	\$
2.36	33 01 30.1 1.5	300mm diameter pipe	l.m.	782	\$	\$
2.37	33 01 30.1 1.5	375mm diameter pipe	l.m.	747	\$	\$
2.38	33 01 30.1 1.5	450mm diameter pipe	l.m.	532	\$	\$
2.39	33 01 30.1 1.5	525mm diameter pipe	l.m.	186	\$	\$
2.40	33 01 30.1 1.5	600mm diameter pipe	l.m.	394	\$	\$
2.41	33 01 30.1 1.5	750mm diameter pipe	l.m.	389	\$	\$
2.42	33 01 30.1 1.5	825mm diameter pipe	l.m.	77	\$	\$
2.43	33 01 30.1 1.5	900mm diameter pipe	l.m.	244	\$	\$

Tenderer's Initials _____

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
2.44	33 01 30.1 1.5	1050mm diameter pipe	l.m.	140	\$	\$
2.45	33 01 30.1 1.5	1200mm diameter pipe	l.m.	363	\$	\$
2.46	33 01 30.1 1.5	1670mm diameter pipe	l.m.	161	\$	\$
2.47	33 01 30.1 1.5	1800mm diameter pipe	l.m.	271	\$	\$
2.48	33 01 30.1 1.5	Unknown pipe diameter	l.m.	87	\$	\$
		Combined Sewer				
2.49	33 01 30.1 1.5	100mm diameter pipe	l.m.	56	\$	\$
2.50	33 01 30.1 1.5	150mm diameter pipe	l.m.	1,452	\$	\$
2.51	33 01 30.1 1.5	200mm diameter pipe	l.m.	10,260	\$	\$
2.52	33 01 30.1 1.5	250mm diameter pipe	l.m.	1,879	\$	\$
2.53	33 01 30.1 1.5	300mm diameter pipe	l.m.	2,870	\$	\$
2.54	33 01 30.1 1.5	350mm diameter pipe	l.m.	229	\$	\$
2.55	33 01 30.1 1.5	375mm diameter pipe	l.m.	1,618	\$	\$
2.56	33 01 30.1 1.5	400mm diameter pipe	l.m.	464	\$	\$
2.57	33 01 30.1 1.5	450mm diameter pipe	l.m.	1,628	\$	\$
2.58	33 01 30.1 1.5	600mm diameter pipe	l.m.	1,024	\$	\$
2.59	33 01 30.1 1.5	650mm diameter pipe	l.m.	109	\$	\$
2.60	33 01 30.1 1.5	750mm diameter pipe	l.m.	101	\$	\$
2.61	33 01 30.1 1.5	825mm diameter pipe	l.m.	431	\$	\$
2.62	33 01 30.1 1.5	900mm diameter pipe	l.m.	353	\$	\$
2.63	33 01 30.1 1.5	1000mm diameter pipe	l.m.	204	\$	\$
2.64	33 01 30.1 1.5	1200mm diameter pipe	l.m.	210	\$	\$

Tenderer's Initials _____

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
TOTAL SECTION 2 – CLEANING SEWER <i>(transfer to Summary Sheet)</i>						\$
SECTION 3 – MANHOLE INSPECTIONS						
		Glenbrook Ravine Area				
3.01	33 01 30.1 1.6	Manhole Inspection	Each	17	\$	\$
		Queensborough Area				
3.02	33 01 30.1 1.6	Manhole Inspection	Each	510	\$	\$
		Sapperton Area				
3.03	33 01 30.1 1.6	Manhole Inspection	Each	500	\$	\$
TOTAL SECTION 3 – MANHOLE INSPECTIONS <i>(transfer to Summary Sheet)</i>						\$
SECTION 4 – OPTIONAL WORK						
4.01	33 01 30.2 1.5	Intruding service cutting	Each	30	\$	\$
4.02	33 01 30.2 1.5	Root cutting	Hour	50	\$	\$
4.03	33 01 30.2 1.5	Grease cutting	Hour	50	\$	\$
4.04	33 01 30.2 1.5	Solid debris removal	Hour	30	\$	\$
4.05	33 01 30.1 1.6	Additional setup after Intruding service cutting, root cutting, or solid debris removal.	Each	30	\$	\$
TOTAL SECTION 4 – OPTIONAL WORK <i>(transfer to Summary Sheet)</i>						\$

Tenderer's Initials _____



PACP Inspection Form - Header Section

General Information Red font fields = Mandatory, Black font fields = Optional

1. Surveyed by	2. Certificate No.	3. Reviewed by	4. Reviewer Certificate No.
5. Owner	6. Customer	7. P/O Number	8. Work Order Number
9. Media Label	10. Project	11. Date <small>YYYYMMDD</small>	12. Time <small>HH MM</small>
14. Weather	15. Pre-Cleaning	16. Date Cleaned <small>YYYYMMDD</small>	17. Flow Control
19. Direction of Survey	20. Inspection Technology Used		21. Inspection Status
22. Consequence of Failure		23. Pressure Value	

Location

24. Drainage Area	25. Pipe Segment Reference	26. Street (Name & Number)
27. City	28. Location Code	29. Location Details

Pipe

30. Pipe Use	31. Height (Diameter)	32. Width	33. Shape
34. Material	35. Lining Method	36. Coating Method	37. Pipe Joint Length
38. Total Length	39. Length Surveyed	40. Year Constructed <small>YYYY</small>	41. Year Renewed <small>YYYY</small>

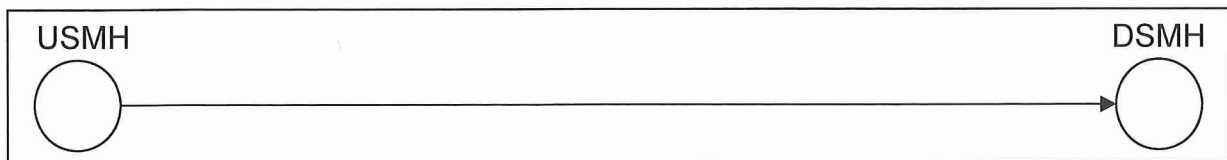
Measurements

42. Upstream MH No.	43. Upstrm MH Rim to Invert	44. Upstrm MH Rim to Grade	45. Upstrm MH Grade to Invert
46. Upstream MH Northing*	47. Upstream MH Easting*	48. Upstream MH Elevation**	
49. Downstream MH No.	50. Downstream MH Rim to Invert	51. Downstream MH Rim to Grade	
52. Downstream MH Grade to Invert	53. Downstream MH Northing*	54. Downstream MH Easting*	
55. Downstream MH Elevation**	56. MH Coordinate System*	57. MH Vertical Datum**	58. GPS Accuracy

59. Additional Information

*Entry required if Northing, Easting or Coordinate System data is recorded. **Entry required if Elevation or Vertical Datum data is recorded.

Sketch



Details Section

Distance (feet) (meters)	Video Ref.	Code Group/ Descriptor/ Modifier	Continuous Defect	Value			Joint	Circumferential Location		Image Ref.	Remarks
				Dimension		%		At/From	To		
				1st	2nd						



MACP Inspection Form

Header Section

General Information

1. Surveyed By (1,2)	2. Certificate Number (1,2)	3. Reviewed By	4. Reviewer Certificate No.
5. Owner	6. Customer	7. P/O Number	8. Work Order
9. Media Label	10. Project	11. Date (1,2) YYYYMMDD	12. Time
13. Sheet Number (1,2)	14. Weather	15. Pre-Cleaning (2)	16. Date Cleaned YYYYMMDD
17. Purpose of Survey (1,2)	18. Inspection Level (1,2)	19. Inspection Status (1,2)	20. Consequence of Failure

Location

21. Drainage Area	22. MH/Access Point No. (1,2)	23. Street (1,2)	24. City (1,2)
25. Location Code (2)	26. Surface Type (2)	27. Inflow Potential from Runoff	
28. Location Details			

Manhole

29. MH Use (2)	30. Access Type (1,2)	31. Year Constructed YYYY
32. Year Renewed YYYY	33. Evidence of Surcharge (2)	

Measurements

34. Rim to Invert (2)	35. Rim to Grade (2)	36. Grade to Invert (2)	37. Rim to Grade Exposed
38. Northing*	39. Easting*	40. Elevation**	41. Coordinate System*
42. Vertical Datum**		43. GPS Accuracy	

44. Additional Information

* Information required if Northing, Easting or Coordinate System data is recorded.

** Information required if Elevation or Vertical Datum data is recorded.

Red Font Fields = Mandatory, Black Font Fields = Optional