Corporate Finance Department
Materials Management Division

232-2016 ADDENDUM 1

2016 SEWER INSPECTIONS

ISSUED: April 12, 2016
BY: Christopher Mitchell
TELEPHONE NO. 204 928-9259

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY

THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20150806

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.

PART A – BID SUBMISSION

Replace: 232-2016_Bid_Submission with 232-2016_Addendum_1-Bid_Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B (R1): Revisions to quantities in Items A, B, C and E.

PART B – BIDDING PROCEDURES

Revise: B17.4 (b) to read:

(b) if the lowest evaluated responsive Bid submitted by a responsible and qualified Bidder exceeds the budgetary provision for the Work, the Total Bid Prices of all responsive Bids submitted by responsible and qualified Bidders will be adjusted by progressively deducting item(s) (in the order listed below), until a Total Bid Price within the budgetary provision is achieved to facilitate Award to the lowest evaluated responsive Bid after adjustment.

The order for deduction shall be:

1. C. Outfall Inspection - bc) DWG 107 ; S-MA70047759 ; 1050 DIAM
2. C. Outfall Inspection - bd) DWG 108 ; S-MA70016522 ; 1200 DIAM
3. C. Outfall Inspection - cp) DWG 171 ; S-MA60013599 ; 1350 DIAM
4. C. Outfall Inspection - cn) DWG 167 ; S-MA70032809 ; 1524 DIAM
5. C. Outfall Inspection - k) DWG 28 ; S-MA70041926 ; 1525 DIAM
6. C. Outfall Inspection - j) DWG 27 ; S-MA70016792 ; 1676 DIAM
7. C. Outfall Inspection - bg) DWG 112 ; S-MA70105998 ; 1800 DIAM
8. C. Outfall Inspection - fc) DWG 333 ; S-MA00017645 ; 1975 DIAM
9. C. Outfall Inspection - ct) DWG 183 ; S-MA70016005 ; 2100 DIAM
10. C. Outfall Inspection - es) DWG 295 ; S-MA70042741 ; 2100 DIAM
11. C. Outfall Inspection - eu) DWG 299 ; S-MA70017556 ; 2100 DIAM
12. C. Outfall Inspection - fb) DWG 332 ; S-MA70007473 ; 3350 DIAM
13. C. Outfall Inspection - ba) DWG 104 ; S-MA70109090 ; 600 DIAM
14. C. Outfall Inspection - dk) DWG 217 ; S-MA70033492 ; 600 DIAM
15. C. Outfall Inspection - bf) DWG 110 ; S-MA70087428 ; 1200 DIAM
16. C. Outfall Inspection - fa) DWG 321 ; S-MA00017988 ; 1800 DIAM
17. C. Outfall Inspection - bi) DWG 116 ; S-MA70011115 ; 2100 DIAM
18. C. Outfall Inspection - l) DWG 30 ; S-MA70017186 ; 2500 DIAM
19. C. Outfall Inspection - o) DWG 35 ; S-MA70016004 ; 2600 DIAM

20. C. Outfall Inspection - p) DWG 35 ; S-MA70019979 ; 2400 DIAM
21. C. Outfall Inspection - eb) DWG 256 ; S-MA70016333 ; 2515x1930 DIAM
22. C. Outfall Inspection - ec) DWG 256 ; S-MA70019489 ; 2515x1930 DIAM
23. C. Outfall Inspection - ch) DWG 158 ; S-MA60021184 ; 2400 DIAM
24. C. Outfall Inspection - bu) DWG 133 ; S-MA50008789 ; 1200 DIAM
25. C. Outfall Inspection - dc) DWG 202 ; S-MA70011492 ; 900 DIAM
26. C. Outfall Inspection - g) DWG 22 ; S-MA70053478 ; 1675 DIAM
27. C. Outfall Inspection - cy) DWG 195 ; S-MA70011095 ; 1520 DIAM
28. C. Outfall Inspection - bt) DWG 132 ; S-MA50013076 ; 1370 DIAM
29. C. Outfall Inspection - bn) DWG 126 ; S-MA50011492 ; 1350 DIAM
30. C. Outfall Inspection - br) DWG 130 ; S-MA50018412 ; 1200 DIAM
31. C. Outfall Inspection - bs) DWG 130 ; S-MA70041564 ; 1200 DIAM
32. C. Outfall Inspection - dh) DWG 212 ; S-MA70019763 ; 1050 DIAM
33. C. Outfall Inspection - ap) DWG 88 ; S-MA50017305 ; 900 DIAM
34. C. Outfall Inspection - ar) DWG 91 ; S-MA70032285 ; 900 DIAM
35. C. Outfall Inspection - cb) DWG 145 ; S-MA60022526 ; 900 DIAM
36. C. Outfall Inspection - as) DWG 92 ; S-MA50015411 ; 750 DIAM
37. C. Outfall Inspection - cz) DWG 197 ; S-MA70013177 ; 600 DIAM
38. C. Outfall Inspection - de) DWG 209 ; S-MA60001608 ; 600 DIAM
39. C. Outfall Inspection - df) DWG 209 ; S-MA60001609 ; 600 DIAM
40. C. Outfall Inspection - ao) DWG 80 ; S-MA70011104 ; 525 DIAM
41. C. Outfall Inspection - bm) DWG 125 ; S-MA50011947 ; 525 DIAM
42. C. Outfall Inspection - aq) DWG 89 ; S-MA70109899 ; 1200 DIAM
43. C. Outfall Inspection - du) DWG 238 ; S-MA20002337 ; 750 DIAM
44. C. Outfall Inspection - bo) DWG 127 ; S-MA70007444 ; 600 DIAM
45. C. Outfall Inspection - cm) DWG 166 ; S-MA70042069 ; 600 DIAM
46. C. Outfall Inspection - ed) DWG 258 ; S-MA70011068 ; 450 DIAM
47. C. Outfall Inspection - fd) DWG 335 ; S-MA70069313 ; 250 DIAM
48. C. Outfall Inspection - ej) DWG 275 ; S-MA20009774 ; 300 DIAM
49. C. Outfall Inspection - aw) DWG 96 ; S-MA70011823 ; 750 DIAM
50. C. Outfall Inspection - m) DWG 31 ; S-MA40005212 ; 900 DIAM
51. C. Outfall Inspection - n) DWG 34 ; S-MA70012365 ; 450 DIAM
52. C. Outfall Inspection - ev) DWG 301 ; S-MA70053466 ; 375 DIAM
53. C. Outfall Inspection - r) DWG 37 ; S-MA50013561 ; 300 DIAM
54. C. Outfall Inspection - az) DWG 102 ; S-MA70058126 ; 900 DIAM
55. C. Outfall Inspection - ck) DWG 164 ; S-MA70053441 ; 900 DIAM
56. C. Outfall Inspection - h) DWG 23 ; S-MA70042861 ; 1200 DIAM
57. C. Outfall Inspection - bk) DWG 120 ; S-MA50014591 ; 800 DIAM
58. C. Outfall Inspection - f) DWG 18 ; S-MA40000014 ; 525 DIAM
59. C. Outfall Inspection - i) DWG 25 ; S-MA40002011 ; 1050 DIAM
60. C. Outfall Inspection - q) DWG 36 ; S-MA50011477 ; 600 DIAM
61. C. Outfall Inspection - y) DWG 45 ; S-MA50002528 ; 300 DIAM
62. C. Outfall Inspection - ay) DWG 101 ; S-MA70002924 ; 1200 DIAM
63. C. Outfall Inspection - be) DWG 109 ; S-MA70058487 ; 1200 DIAM
64. C. Outfall Inspection - bh) DWG 115 ; S-MA70023892 ; 1000 DIAM
65. C. Outfall Inspection - bj) DWG 119 ; S-MA70006845 ; 1200 DIAM
66. C. Outfall Inspection - bl) DWG 123 ; S-MA70007561 ; 375 DIAM
67. C. Outfall Inspection - bp) DWG 128 ; S-MA50011163 ; 750 DIAM
68. C. Outfall Inspection - ci) DWG 160 ; S-MA70109053 ; 600 DIAM
69. C. Outfall Inspection - cu) DWG 185 ; S-MA70007351 ; 600 DIAM
70. C. Outfall Inspection - ad) DWG 50 ; S-MA70003216 ; 525 DIAM
71. C. Outfall Inspection - co) DWG 170 ; S-MA60012432 ; 525 DIAM
72. C. Outfall Inspection - a) DWG 3 ; S-MA40001340 ; 2000 DIAM
73. C. Outfall Inspection - b) DWG 4 ; S-MA40001339 ; 2000 DIAM
74. C. Outfall Inspection - c) DWG 5 ; S-MA40001338 ; 750 DIAM
75. C. Outfall Inspection - d) DWG 6 ; S-MA40001341 ; 400 DIAM
76. C. Outfall Inspection - e) DWG 7 ; S-MA40001409 ; 400 DIAM
77. C. Outfall Inspection - et) DWG 298 ; S-MA70017579 ; 2850 DIAM
78. C. Outfall Inspection - ak) DWG 59 ; S-MA70032231 ; 2700 DIAM

79. C. Outfall Inspection - ef) DWG 266 ; S-MA20020018 ; 2080x2690 DIAM
80. C. Outfall Inspection - bv) DWG 134 ; S-MA50013341 ; 2100 DIAM
81. C. Outfall Inspection - dy) DWG 248 ; S-MA20003886 ; 1850 DIAM
82. C. Outfall Inspection - cl) DWG 165 ; S-MA70007646 ; 1800 DIAM
83. C. Outfall Inspection - dg) DWG 211 ; S-MA70011170 ; 1800 DIAM
84. C. Outfall Inspection - dp) DWG 222 ; S-MA70011369 ; 1800 DIAM
85. C. Outfall Inspection - dq) DWG 223 ; S-MA70041782 ; 1800 DIAM
86. C. Outfall Inspection - cw) DWG 188 ; S-MA70042162 ; 1800 DIAM
87. C. Outfall Inspection - ez) DWG 320 ; S-MA70003283 ; 1800 DIAM
88. C. Outfall Inspection - cg) DWG 155 ; S-MA60016824 ; 1650 DIAM
89. C. Outfall Inspection - dt) DWG 235 ; S-MA20002394 ; 1650 DIAM
90. C. Outfall Inspection - ew) DWG 305 ; S-MA70033535 ; 1600X1450 DIAM
91. C. Outfall Inspection - cc) DWG 150 ; S-MA60021014 ; 1500 DIAM
92. C. Outfall Inspection - dx) DWG 247 ; S-MA20003893 ; 1500 DIAM
93. C. Outfall Inspection - ee) DWG 265 ; S-MA70023285 ; 1500 DIAM
94. C. Outfall Inspection - dd) DWG 208 ; S-MA70041763 ; 1400 DIAM
95. C. Outfall Inspection - an) DWG 75 ; S-MA50017699 ; 1200 DIAM
96. C. Outfall Inspection - bb) DWG 106 ; S-MA70087433 ; 1200 DIAM
97. C. Outfall Inspection - cd) DWG 151 ; S-MA60021034 ; 1200 DIAM
98. C. Outfall Inspection - ce) DWG 151 ; S-MA70095110 ; 1200 DIAM
99. C. Outfall Inspection - cf) DWG 154 ; S-MA70032567 ; 1200 DIAM
100. C. Outfall Inspection - cq) DWG 173 ; S-MA70006655 ; 1200 DIAM
101. C. Outfall Inspection - cr) DWG 176 ; S-MA70095117 ; 1200 DIAM
102. C. Outfall Inspection - bq) DWG 129 ; S-MA50014761 ; 1100 DIAM
103. C. Outfall Inspection - ah) DWG 55 ; S-MA70007409 ; 1067 DIAM
104. C. Outfall Inspection - at) DWG 93 ; S-MA50015464 ; 1060 DIAM
105. C. Outfall Inspection - au) DWG 94 ; S-MA50015463 ; 1050 DIAM
106. C. Outfall Inspection - am) DWG 62 ; S-MA70007591 ; 900 DIAM
107. C. Outfall Inspection - av) DWG 95 ; S-MA70006168 ; 900 DIAM
108. C. Outfall Inspection - bw) DWG 139 ; S-MA70044563 ; 900 DIAM
109. C. Outfall Inspection - bx) DWG 140 ; S-MA70044846 ; 900 DIAM
110. C. Outfall Inspection - cj) DWG 161 ; S-MA70109067 ; 900 DIAM
111. C. Outfall Inspection - di) DWG 215 ; S-MA70052301 ; 900 DIAM
112. C. Outfall Inspection - dm) DWG 219 ; S-MA20003569 ; 900 DIAM
113. C. Outfall Inspection - ex) DWG 315 ; S-MA70012335 ; 900 DIAM
114. C. Outfall Inspection - ey) DWG 315 ; S-MA70012338 ; 900 DIAM
115. C. Outfall Inspection - v) DWG 42 ; S-MA70007417 ; 750 DIAM
116. C. Outfall Inspection - cs) DWG 181 ; S-MA60007249 ; 750 DIAM
117. C. Outfall Inspection - dr) DWG 224 ; S-MA70041784 ; 750 DIAM
118. C. Outfall Inspection - ea) DWG 251 ; S-MA20005071 ; 750 DIAM
119. C. Outfall Inspection - s) DWG 39 ; S-MA50011151 ; 600 DIAM
120. C. Outfall Inspection - al) DWG 60 ; S-MA50010965 ; 600 DIAM
121. C. Outfall Inspection - ax) DWG 100 ; S-MA70023153 ; 600 DIAM
122. C. Outfall Inspection - cx) DWG 190 ; S-MA70008559 ; 600 DIAM
123. C. Outfall Inspection - dj) DWG 216 ; S-MA70052312 ; 600 DIAM
124. C. Outfall Inspection - ds) DWG 230 ; S-MA20000088 ; 525 DIAM
125. C. Outfall Inspection - dn) DWG 220 ; S-MA70012690 ; 500 DIAM
126. C. Outfall Inspection - ai) DWG 56 ; S-MA50010691 ; 450 DIAM
127. C. Outfall Inspection - aj) DWG 57 ; S-MA70033704 ; 450 DIAM
128. C. Outfall Inspection - by) DWG 142 ; S-MA70028476 ; 450 DIAM
129. C. Outfall Inspection - cv) DWG 187 ; S-MA60006745 ; 450 DIAM
130. C. Outfall Inspection - da) DWG 199 ; S-MA70109008 ; 450 DIAM
131. C. Outfall Inspection - db) DWG 200 ; S-MA70047766 ; 450 DIAM
132. C. Outfall Inspection - do) DWG 221 ; S-MA70041622 ; 450 DIAM
133. C. Outfall Inspection - dv) DWG 240 ; S-MA20000078 ; 400 DIAM
134. C. Outfall Inspection - dz) DWG 250 ; S-MA20005604 ; 400 DIAM
135. C. Outfall Inspection - aa) DWG 47 ; 232-0001 ; 375 DIAM
136. C. Outfall Inspection - eh) DWG 268 ; S-MA20011468 ; 375 DIAM
137. C. Outfall Inspection - er) DWG 292 ; S-MA20007097 ; 375 DIAM

138. C. Outfall Inspection - t) DWG 40 ; S-MA70008591 ; 300 DIAM
139. C. Outfall Inspection - u) DWG 41 ; S-MA70041411 ; 300 DIAM
140. C. Outfall Inspection - w) DWG 43 ; S-MA50002498 ; 300 DIAM
141. C. Outfall Inspection - x) DWG 44 ; S-MA50002504 ; 300 DIAM
142. C. Outfall Inspection - z) DWG 46 ; S-MA50003009 ; 300 DIAM
143. C. Outfall Inspection - ab) DWG 48 ; S-MA50002566 ; 300 DIAM
144. C. Outfall Inspection - ac) DWG 49 ; S-MA50002903 ; 300 DIAM
145. C. Outfall Inspection - ae) DWG 51 ; S-MA70003218 ; 300 DIAM
146. C. Outfall Inspection - af) DWG 52 ; S-MA50002586 ; 300 DIAM
147. C. Outfall Inspection - ag) DWG 54 ; S-MA70003243 ; 300 DIAM
148. C. Outfall Inspection - bz) DWG 143 ; S-MA60023323 ; 300 DIAM
149. C. Outfall Inspection - ca) DWG 144 ; S-MA60022654 ; 300 DIAM
150. C. Outfall Inspection - dw) DWG 244 ; S-MA20000157 ; 300 DIAM
151. C. Outfall Inspection - eg) DWG 267 ; S-MA20011467 ; 300 DIAM
152. C. Outfall Inspection - ei) DWG 274 ; S-MA20010785 ; 300 DIAM
153. C. Outfall Inspection - ek) DWG 277 ; S-MA20009806 ; 300 DIAM
154. C. Outfall Inspection - el) DWG 279 ; S-MA20009804 ; 300 DIAM
155. C. Outfall Inspection - em) DWG 280 ; S-MA20009860 ; 300 DIAM
156. C. Outfall Inspection - en) DWG 282 ; S-MA20009935 ; 300 DIAM
157. C. Outfall Inspection - eo) DWG 283 ; S-MA20009953 ; 300 DIAM
158. C. Outfall Inspection - ep) DWG 289 ; S-MA20010505 ; 300 DIAM
159. C. Outfall Inspection - eq) DWG 291 ; S-MA20010515 ; 300 DIAM
160. C. Outfall Inspection - dl) DWG 218 ; S-MA70053445 ; 250 DIAM

PART E – SPECIFICATIONS

Revise: E8.2.2 b) (i) to read:

(i) Previous Investigations

- The 160 Outfall inventory end pipes were exposed or partially submerged during the Fall and Winter of 2015 where river levels were between 6.1ft and 2.2ft above St. James during the geotechnical inspections. Photographs that identify observed exposed pipe ends have been placed within Asset Cards and are available from the Contract Administrator upon request.
- 132 Outfalls exhibited little to no debris silt levels at the time of the Geotechnical Inspections however 35 Outfalls were identified to have debris silt levels exhibiting 25% cross sectional area loss or greater at the pipe end.

Add: E16.3: Further to E8.1.13 and E16.1.3, all City Asset Outfall pipe end protection bars, grills and grates that require removal to facilitate an upstream man entry inspection shall be removed and replaced accordingly by City Operatives prior to and after inspection.

Revise: Table E2 to read:

Table E2: Limited Access to the Outfall Inspection Work Program

Drawing Number	Asset Number	Diameter	Location	Issue(s) associated with access
107	MA70047759	1050	691 TACHE AVE	No US Manhole, PS Access Required
108	MA70016522	1200	691 TACHE AVE	No US Manhole, PS Access Required
171	MA60013599	1350	250 CHURCHILL DR	No US Manhole, PS Access Required
167	MA70032809	1524	905 COCKBURN ST S	No US Manhole, PS Access Required
28	MA70041926	1525	856 KILDONAN DR	No US Manhole, PS Access Required
27	MA70016792	1676	856 KILDONAN DR	No US Manhole, PS Access Required
112	MA70105998	1800	11 MARION ST	No US Manhole, PS Access Required
333	MA00017645	1975	469 SCOTIA ST	No US Manhole, PS Access Required
183	MA70016005	2100	1059 WELLINGTON CRES	No US Manhole, PS Access Required
295	MA70042741	2100	1260 WOLSELEY AVE	No US Manhole, PS Access Required
299	MA70017556	2100	1014 PALMERSTON AVE	No US Manhole, PS Access Required
332	MA70007473	3350	301 SCOTIA ST	No US Manhole, PS Access Required
22	MA70053478	1675	25 VALHALLA DR	Private Land Access Required
80	MA70011104	525	15 MARLENE ST	Private Land Access Required
88	MA50017305	900	160 NIAKWA RD	Private Land Access Required
91	MA70032285	900	249 EGERTON RD	Private Land Access Required
92	MA50015411	750	211 EGERTON RD	Private Land Access Required
125	MA50011947	525	218 DUNKIRK DR	Private Land Access Required
126	MA50011492	1350	15 TOD DR	Private Land Access Required
130	MA70041564	1200	106 RIVER RD	Private Land Access Required
132	MA50013076	1370	59 BLACKMORE AVE	Private Land Access Required
133	MA50008789	1200	136 RIVER POINTE DR	Private Land Access Required
145	MA60022526	900	8 LEMAY	Private Land Access Required
158	MA60021184	2400	100 PLAZA DR	Private Land Access Required
195	MA70011095	1520	3165 VIALOUX DR	Private Land Access Required
197	MA70013177	600	2 OAKDALE DR	Private Land Access Required
202	MA70011492	900	4829 ROBLIN BLVD	Private Land Access Required
209	MA60001608	600	6353 SOUTHBOINE DR	Private Land Access Required
212	MA70019763	1050	103 BARKER BLVD	Private Land Access Required
89	MA70109899	1200	ST ANNES RD	Parks & Recreation Land
127	MA70007444	600	19 VICTORIA ROW	Parks & Recreation Land
166	MA70042069	600	46 RIVERSIDE DR	Parks & Recreation Land
238	MA20002337	750	1088 CRESTVIEW PARK DR	Parks & Recreation Land
258	MA70011068	450	64 DEER LODGE PL	Parks & Recreation Land
335	MA70069313	250	10 RIVERVIEW DR	Parks & Recreation Land
For any questions regarding limited access manholes, please contact AECOM.				

DRAWINGS

Delete: 232-2016_Drawing_38-R0 Outfall S-MA70011059 NOTRE DAME ST & MAISONNEUVE ST

Delete: 232-2016_Drawing_121-R0 Outfall S-MA50017492 KINGSTON ROW & DUNKIRK DR

Delete: 232-2016_Drawing_131-R0 Outfall S-MA50011568 252 RIVER ROAD

Delete: 232-2016_Drawting_193-R0 Outfall S-MA60003874 2220 PORTAGE AVE ACROSS

Delete: 232-2016_Drawing_198-R0 Outfall S-MA60003854 61 RIDGEDALE CRES

Delete: 232-2016_Drawing_259-R0 Outfall S-MA70028291 44 DEER LODGE

Delete: 232-2016_Drawing_304-R0 Outfall S-MA70017433 20 WEST GATE

APPENDICES

Replace: 232-2016_Appendix_A-2016_Sewer_Inspections_Work_Program with 232-2016_Addendum_1-Appendix_A-2016_Sewer_Inspections_Work_Program.

Replace: 232-2016_Appendix_B-2016_Outfall_Inspections_Work_Program with 232-2016_Addendum_1-Appendix_B-2016_Outfall_Inspections.