



692-2015 ADDENDUM 2

2015 OUTFALL INSPECTIONS

URGENT

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

ISSUED: October 16, 2015
BY: Christopher Mitchell
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**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: 692-2015 Addendum 1-Bid Submission with 692-2015 Addendum 2 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B (R1): Various revisions to quantities.

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, November 4, 2015.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D2.1 to read: The Work to be done under the Contract shall consist of inspecting 112337 existing outfall pipes and 153 sewer pipes, constituting a range in diameter from 200mm to 28903700mm in height that totals 5.919.2km of outfall and 10.21km sewer pipe. Access to assets will be via associated control structures or manholes located at various districts throughout the City of Winnipeg. Work will be subdivided into seasonal inspection programs that will seek to address current river levels to maximise on successful inspections.

PART E – SPECIFICATIONS

Revise: E6.2.1 a) to read: The City's Outfall Inventory service the following flow types where 70% service the Land Drainage network, 14% service the Combined Sewer network, 9% service the Storm Relief Sewers and 7% service the Waste Water Sewer network. Inspection of the pipes will be subject to inhibitive conditions such as but not limited to River Levels, the use of flow diversion structures during storm events, access restrictions and or plant and equipment limitations to site.

The seasonal variation in the river level plays an important role in determining when the inspection of outfall structures is feasible. The relationship between outlet invert elevation and typical river levels varies from structure to structure. Some facilities will only become accessible during winter periods when the river is at its lowest levels while other facilities will remain accessible even during unusually high summer water levels. Therefore Inspections have been subdivided into three seasons of work where river level analysis has determined a suggested sequence of work in an attempt to maximize exposure of the

Outfall pipework. Where invert levels are known to be below the winter level, there will be a possibility that sonar equipment may be necessary to complete an inspection. There are also outfalls that have no invert levels that may require sonar inspections.

Sewers that are also identified for inspection are located upstream of the Outfalls and downstream of a known control structure or pump station are also affected by river levels.

Season Inspection	Outfall Quantity	Total Outfalls (m)
Fall	35	1,489.66
Summer	26	1,663.96
Winter	28	1,549.56
Sonar Required	23	1,162.99
Total	112	5,866.17

Season Inspection	Sewer Quantity	Total Sewers (m)
Winter	1	54.26
Sonar Required	2	146.06
Total	3	200.32

Revise: E6.2.1 b) to read:

As an approximation, the Assiniboine River tributaries (Sturgeon Creek and Omand's Creek) were assigned levels based on the computed river levels at the point of confluence for each of the season programs. As such drawings have been produced for each season program and are numbered in order of their locality and shoreline.

DRAWINGS

Replace: 692-2015_Drawing_KeyPlan-R0 with 692-2015_Drawing_KeyPlan-R1

Delete: 692-2015_Drawing_001-R0 through 692-2015_Drawing_199-R0

Delete: 692-2015_Drawing_314-R0 through 692-2015_Drawing_341-R0

APPENDICES

Replace: 692-2015_Addendum_1_Appendix_A-2015_Outfall_Inspections_Work_Program with 692-2015_Addendum_2_Appendix_A-2015_Outfall_Inspections_Work_Program.