



405-2011 ADDENDUM 1

2011 WAVERLEY STREET WIDENING-TWINNING 253 METERS NORTH OF SANDUSKY DRIVE TO BISON DRIVE

URGENT

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

ISSUED: May 24, 2011
BY: Dean Lazaruk
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20070419

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: 405-2011 Bid Submission with 405-2011 Addendum 1 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

- Form A(R1): Revised Contract Title to: 2011 Waverley Street Widening-Twinning, 253 Meters North of Sandusky Drive to Bison Drive.
- Form B(R1): Replace Form B:Prices with Form B(R1):Prices.
- Form G1(R1): Revised Contract Title to: 2011 Waverley Street Widening-Twinning 253, Meters North of Sandusky Drive to Bison Drive.
- Form G2(R1): Revised Contract Title to: 2011 Waverley Street Widening-Twinning 253, Meters North of Sandusky Drive to Bison Drive.

Page numbering on some forms may be changed as a result.

PART B – BIDDING PROCEDURES

- Revise: B1.1 to read: 2011 Waverley Street Widening-Twinning, 253 Meters North of Sandusky Drive to Bison Drive
- Add: B9.1.1 For the convenience of Bidders, and pursuant to B7.4.2 and B15.4.3, an electronic spreadsheet Form B: Prices in Microsoft Excel (.xls) format is available along with the Adobe PDF documents for this Bid Opportunity on the Bid Opportunities page at the Materials Management Division website at <http://www.winnipeg.ca/matmgt>.
- Add: B15.4.3 The electronic Form B: Prices and the formulas imbedded in that spreadsheet are only provided for the convenience of Bidders. The City makes no representations or warranties as to the correctness of the imbedded formulas. It is the Bidder's responsibility to ensure the extensions of the unit prices and the sum of Total Bid Price performed as a function of the formulas within the electronic Form B: Prices are correct.

PART D – SUPPLEMENTAL CONDITIONS

- Revise: D2.1(a) to read: Pavement Widening and rehabilitation of existing northbound lanes
- Revise: D2.1(a)(i) to read: 43m north of Lee Boulevard to Bison Drive.
- Revise: D2.1(b) to read: New Asphalt Pavement Construction
- Revise: D2.1(b)(i) to read: 320m north of Sandusky Drive to Bison Drive (southbound lanes)
- Revise: D2.1(b)(ii) to read: 320m north of Sandusky Drive to 43m north of Lee (northbound lanes)
- Delete: D2.1(b)(iii)
- Add: D2.1(c) New Concrete Pavement Construction
- Add: D2.1(c)(i) 253m north of Sandusky Drive to 320m north of Sandusky Drive
- Revise: D2.2(b)(vii) to read: Construction of 120 mountable curb and gutter
- Delete: D12.3 The Contractor shall not commence the Work on the Site before July 24, 2011.
- Revise: D17.1 to read: If the Contractor fails to achieve Substantial Performance in accordance with the Contract by the day fixed herein for Substantial Performance, the Contractor shall pay the City One Thousand Five Hundred dollars (\$1,500.00) per Working Day for each and every Working Day following the day fixed herein for Substantial Performance during which such failure continues.
- Add: D23 RESTRICTED WORK HOURS
- Add: D23.1: Further to clause 3.10 of CW 1130, the Contractor shall require written permission forty-eight(48)hours in advance from the Contract Administrator for any work to be performed between 2000 hours and 0700 hours, or on Saturdays, Sundays, Statutory Holidays and or Civic Holidays.

PART E – SPECIFICATIONS

- Revise: E4 to read: OPERATING CONSTRAINTS FOR WORK IN CLOSE PROXIMITY TO THE 400 FEEDERMAIN
- E4.1 Description
- (a) This Specification details operating constraints for all Work to be carried out in close proximity to the 400mm Feedermain. Close proximity shall be deemed to be any construction activity within a 3 m offset from the centreline of the feedermain.
- E4.2 General Considerations for Work in Close Proximity to the 400mm Feedermain
- (a) Work around the Feedermain shall be planned and implemented to minimize the time period that Work is carried out in close proximity the Feedermain and to ensure that the pipeline is not subjected to excessive construction related loads, including excessive vibrations and/or concentrated or asymmetrical lateral loads during backfill placement.
- (b) Precaution must be undertaken to ensure that applied loading during all phases of construction is within accepted loading parameters.
- E4.3 Protection of the 400mm Feedermain During Construction
- (a) The Drawings provide the location of the feedermain through the construction site. Pipe locations noted on the Drawings are based on the original record drawings.

- (b) The Contractor shall determine pipeline location and obvert elevation at locations marked out by the Contract Administrator by soft excavation methods (hydrovac or hand digging) prior to construction. Soft excavation will be paid for on an hourly basis.
- (c) Contractors working in close proximity to the feedermain shall meet the following conditions and technical requirements:
- (i) Pre-Work, Planning and General Execution
 - No Work shall commence in close proximity to the feedermain until a meeting to review Specification E4 – Operating Constraints for Work in Close Proximity to the 400 Feedermain has taken place and the feedermain location has been clearly delineated in the field.
 - For transverse crossings of the feedermain in support of pavement construction activities, designate crossing locations and confine equipment crossing the pipe to these locations. Reduce equipment speeds to levels that minimize the impacts of impact loading.
 - For construction Work activities either longitudinally or transverse to the alignment of the feedermain, Work only with equipment and in the manner that meet the requirements noted herein.
 - Subgrade, subbase and base construction shall be kept in a rut free condition at all times. Construction equipment is prohibited from crossing pipelines if the grade is insufficient to support the equipment without rutting.
 - Granular material, construction material, soil or other material shall not be stockpiled on the pipelines or within 3.0 metres of the pipe centerline.
 - Where Work is in proximity to the feedermain, utilize construction practices and procedures that do not impart excessive vibration loads on the feedermain or that would cause settlement of the subgrade below the feedermain.
 - (ii) Excavation
 - Where there is less than 2.5 m of cover over the feedermain, offset backhoe from feedermain, a minimum of 2.5 m from feedermain centerline, to carry out excavation.
 - Where there is less than 1.5 metres of earth cover over the feedermain and further excavation is required either adjacent to or over the feedermain, utilize only smooth edged excavation buckets, soft excavation or hand excavation techniques and continue offset excavation.
 - Excavated materials intended for reuse shall not be dumped directly on pipelines but shall be carefully bladed in place.
 - (iii) Subgrade Construction
 - Subgrade compaction shall be limited to static compaction methods.
 - Stage Work activities to minimize the time period that unprotected subgrade is exposed to the environment and protect the subgrade against the impacts of adverse weather if subbase/ base course construction activities are not sequential with excavation.
 - (iv) Subbase and Base Course Construction
 - Subbase or base course materials shall not be dumped directly on pipelines but shall be carefully bladed in-place.
 - Subbase compaction shall be either carried out by static methods without vibration or with smaller approved equipment such as hand held plate packers or smaller roller equipment.

E4.4 Measurement and Payment

E4.4.1 Soft Excavation

- (a) Soft Excavation shall be paid for at the Contract Unit Price per hour for “Soft Excavation” measured as specified herein, performed in accordance with this Specification and accepted by the Contract Administrator, which price shall be paid in full for supplying all materials and for performing all operations herein described and all other items incidental to the Work.

E4.5 Compliance With the Specification

- (a) The Contractor shall ensure that all work crew members understand and observe the requirements of this Specification. Prior to commencement of work in close proximity to the feedermain, the Contractor shall jointly conduct an orientation meeting with the Contract Administrator with all superintendents, foremen and heavy equipment operators to make all workers on site are fully cognizant of constraints associated with Work in close proximity to the Feedermain.
- (b) Employees of the Contractor or any Subcontractor that fail to comply with the conditions for working in close proximity to the feedermain shall be promptly removed from the Site.

Revise: E8 to read: TRAFFIC MANAGEMENT

E8.1 Further to clause 3.7 of CW 1130:

E8.1.1 Maintain one northbound thru lane and one southbound thru lane at all times.

E8.1.2 Where left turn lanes exist, an additional lane to accommodate the left turn storage lane shall be maintained at all times.

E8.1.3 Intersecting street and private approach access shall be maintained at all times.

E8.1.4 Should the Contractor be unable to maintain pedestrian or vehicular access to a residence or business, he shall review the planned disruption with the business or residence and the Contract Administrator, and take reasonable measures to minimize the impact. The Contractor shall provide a minimum of 24 hours notification to the affected residence or business and the Contract Administrator, prior to disruption of access.

E8.1.5 Pedestrian and ambulance/emergency vehicle access must be maintained at all times.

Revise: E9 to read: Replace "Removal of Existing Culverts" with "Removal of Corrugated Steel Pipe".

Revise: E12.7 to read: Replace "Soft Excavation to Expose Underground Utilities" with "Soft Excavation".

Replace: Appendix A Geotechnical Report with Appendix A_Addendum_1-Geotechnical_Report

DRAWINGS

Replace: 405-2011 _Drawing_C0001-R0 with 405-2011 _Addendum_ 1 Drawing C0001-R1

405-2011 _Drawing_C0002-R0 with 405-2011 _Addendum_ 1 Drawing C0002-R1

405-2011 _Drawing_C0003-R0 with 405-2011 _Addendum_ 1 Drawing C0003-R1

405-2011 _Drawing_C0008-R0 with 405-2011 _Addendum_ 1 Drawing C0008-R1

405-2011 _Drawing_C0009-R0 with 405-2011 _Addendum_ 1 Drawing C0009-R1

405-2011 _Drawing_C0010-R0 with 405-2011 _Addendum_ 1 Drawing C0010-R1

405-2011 _Drawing_C0011-R0 with 405-2011 _Addendum_ 1 Drawing C0011-R1

405-2011 _Drawing_C0012-R0 with 405-2011 _Addendum_ 1 Drawing C0012-R1

405-2011 _Drawing_C0013-R0 with 405-2011 _Addendum_ 1 Drawing C0013-R1

405-2011 _Drawing_C0014-R0 with 405-2011 _Addendum_ 1 Drawing C0014-R1

405-2011 _Drawing_C0015-R0 with 405-2011 _Addendum_ 1 Drawing C0015-R1

405-2011 _Drawing_C0016-R0 with 405-2011 _Addendum_ 1 Drawing C0016-R1

405-2011 _Drawing_C0017-R0 with 405-2011 _Addendum_ 1 Drawing C0017-R1

405-2011 _Drawing_ C0018-R0 with 405-2011 _Addendum_ 1 Drawing C0018-R1

405-2011 _Drawing_ C0019-R0 with 405-2011 _Addendum_ 1 Drawing C0019-R1

Add: 405-2011 _Drawing_ C0020-R0

405-2011 _Drawing_ C0021-R0

405-2011 _Drawing_ C0022-R0