



346-2014 ADDENDUM 2

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: SUPPLY OF STEEL PIPE AND FITTINGS

ISSUED: April 11, 2014
BY: Marshall Gibbons, C.E.T.
TELEPHONE NO. (204) 928-9256

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: A20131129

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: 346-2014 Bid Submission with 346-2014 Addendum 2 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission: Form B (R1):

- Revised Item No. B.1
- Revised Item No. B.2

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 4:00 p.m. Winnipeg time, Wednesday, April 16, 2014.

PART E – SPECIFICATIONS

- Revise: E2.2.1 Pipe bends shall be fabricated by induction bending, prior to coating, and shall be in accordance with PFI ES-24. The pipe used to fabricate the pipe bends shall be to the same specifications as the straight lengths of steel pipe.
- Revise: E3.1.1 Steel pipe shall be carbon steel, seamless pipe conforming to CSA Z245.1 and the requirements of IOL GP 18-87-03, and shall meet the following parameters.

Table 2 – Steel Pipe Parameters for Imperial Oil Limited

Parameter	Value
Nominal Pipe Size	NPS 10
Grade	359 SS (Sour Service)
Licensed Maximum Operating Pressure (MOP)	9 000 kPa (1,305 psi)
Pipe Category Designation	CAT II
Pipe Test Temperature	M45C
Outer Diameter (OD)	273.1 mm (10.75 inches)
Wall Thickness (WT)	6.35 mm (0.25 inches)
Service	Refined Product
100% Specified Minimum Yield Stress (SMYS)	13 470 kPa (1,953 psig)
Maximum Test Pressure	13 470 kPa (1,953 psig)
Minimum Test Pressure	9 897 kPa (1,435 psig)

- Revise: E6.2.1 "Steel Pipe, 273.1 OD, 6.35 WT, CS, SMLS, CSA Z245.1, Gr. 359, CAT II SS, M45C, Externally Coated with YJ2K" will be paid at the Contract unit price per lineal meter bid for this Work. This item shall include all costs for the supply of the pipe including the steel pipe, external protective coatings, testing, shipping, handling and storage
- Revise: E6.2.2 "Elbow, 45°, 5D, 273.1 OD, 6.35 WT, CS, SMLS, CSA Z245.1, Gr. 359, CAT II SS, M45C, Externally Coated with Denso Protal 7250" will be paid at the Contract unit price per piece bid for this Work. This item shall include all costs for the supply of the fitting including the steel pipe, fabrication, external protective coating, testing, shipping, handling and storage.