



Transportation, Infrastructure,  
and Energy

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## CAPITAL PROJECTS

**ADDENDUM NUMBER 2**  
for  
**Rte 3 - Roseneath & Rte 4 - Commercial Cross 2019**  
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**TO:** All Bidders

**FROM:** Stephen Pigott P.Eng.  
Eastern Regional Engineer

**DATE:** February 12, 2019

**SUBJECT:** Revisions

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1. Remove and destroy Schedule A Rev 0 and replace with Schedule A Rev 1.0
2. Remove and destroy Schedule C dated Jan 21, 2019 and replace with Schedule C dated Feb 11, 2019

**A signed copy of this addendum must be included with your bid submission on this project.**

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Signature of Contractor

**SCHEDULE A  
SCHEDULE OF SPECIAL PROVISIONS**

**1) INSTRUCTIONS TO BIDDERS**

The 2019 PEITIE General Provisions and Contract Specifications for Highway Construction shall apply to this contract. This shall be made available during the tender period.

The stipulated bid security amount shall be **\$100,000.00**. Upon award, the successful Contractor shall replace the Bid Security with the Performance Security.

A mandatory preconstruction meeting between the successful Contractor and the Department shall be held at the Jones Building in advance of construction startup.

**2) SECTION 102.13 - SCHEDULING OF THE WORK**

The number of working days stipulated for this Contract is **35** working days. These working days shall be consecutive. Liquidated damages will be assessed beyond the approved schedule.

**3) SECTION 203 EXCAVATION**

**(Item 20316 Excavation: Pavement)**

This item is for full depth removal of asphalt for cross culvert installation. The Contractor shall use a cold planer to remove asphalt for all cross culvert installations. All cold planed material shall be stockpiled for use under item Item 60346 RAP: Load, Transport & Place.

The cold planing of asphaltic concrete, shall be paid for at the unit bid price per square metre cold planned and this shall be full compensation for cold planning full depth, transporting and preparing the site for stockpiling, screening the RAP, equipment, tools, labour, and incidentals necessary to complete the work.

**4) SECTION 210 – PREPARING SHOULDERS**

**(Item 21001 – Preparing Shoulders)**

This work on Section 1 shall consist of preparing the existing shoulders to a depth of 100 mm with a cold planer for placement of RAP, stockpiling the cold planed material, and placement of the cold planed material as shouldering material.

The cold planer shall be a self-propelled commercially designed unit, equipped with automatic longitudinal and transverse grade and slope controls. Minimum planing width capability shall be 2 m. The longitudinal and transverse grade and slope controls shall be equipped to operate from a ski or matching shoe and capable of maintaining a profile grade elevation or cross slope.

The contractor shall provide a suitable temporary stockpile site for the cold planed shoulder material. Cold planed material shall be placed on the shoulders at a depth of 50mm to match the placement of asphalt seal B. This material shall be placed with a shouldering machine and compacted using an appropriate roller.

Preparing Shoulders shall be paid for at the unit bid price per square metre of cold planed material and this price shall be full compensation for cold planing the existing shoulder material to a depth of 100 mm, stockpiling, loading shoulder material, placing and compacting shoulder material, equipment, tools, labour and incidentals necessary to complete the work.

The Contractor shall be required to load, transport and stockpile the excess cold planed material from the temporary stockpile onto the trucks and deliver to the designated site with no additional compensation being provided. The transportation of excess material from the temporary stockpile to any stockpile sites determined by the Department shall be an open haul, and open haul rates shall apply. A price adjustment shall apply based on the actual haul distance.

**5) SECTION 300 - DRAINAGE**  
**(Item 130139 Install & Bore Pipe Under Road)**

This item shall include all the work associated with installing a new 900mm diameter steel pipe under the existing Route 3 highway embankment adjacent to an existing cross culvert at Station 0+480. The pipe shall be seamless and installed with an appropriate boring machine in welded sections to match the lines and grades of the existing cross culvert. All work shall meet the requirements of the environmental permit and the Department's EPP. As part of the work the existing culvert shall be cut and capped, and then pumped full of cement grout. Slopes shall be shaped and landscaped at the end of the work.

Pipe sections shall meet the following requirements:

- 900mm outside diameter and wall thickness of 9.52mm
- Steel pipe shall be comprised of new and unused materials only
- Inside surface shall be smooth and connections shall be field welded

The price for Pipe Boring shall be full compensation for installing the pipe including but not limited to; installing environmental controls around the work area, site preparation for boring operation, supply and installation of 900mm steel pipe, supply and install of inlet/outlet grates, end treatments, disposal of spoils, capping and pumping of grout into existing culvert, and landscaping.

**6) SECTION 305 – ROADWAY CULVERT PLACEMENT**  
**(Item 30503 – R'WAY CUL:SUP&PL 600 MM)**  
**(Item 30505 - R'WAY CUL:SUP&PL 900 MM)**

Double Walled Polyethylene (DWP) pipe meeting the requirements in Section 301 may be used in place of PCP. No additional compensation shall be provided for the use of one material over the other.

**7) SECTION 501 - ASPHALT CEMENT**  
**(Item 50101 - Asphalt Cement)**

Contractors shall note that for bidding purposes an artificial rack price of \$900 per tonne (without anti-strip) shall replace the Government's posted Monthly Average Asphalt Binder Rack Price table for this Contract. The artificial rack price of \$900 per tonne (without anti-strip) shall be used as the price index when calculating the liquid asphalt cement price adjustment.

8) **SECTION 603 - HOT MIX ASPHALTIC CONCRETE**  
**(Item 60350 - Asphalt Seal: B)**

Asphalt Seal: C meeting the requirements in Section 603 may be used in place of Asphalt Seal: B. No additional compensation shall be provided for the use of one material over the other.

Please note that the estimated portion of Asphalt Seal to be placed on Section 2 – Route 4 is 800 tonnes.

9) **SECTION 603.15 - HOT MIX ASPHALTIC CONCRETE - SMOOTHNESS**

Section 603.15 shall not apply to Section 2 - Route 4 – Commercial Cross portion of the work.

10) **SECTION 211 - SHOULDER MATERIAL**  
**(Item 60346 RAP: Load, Transport & Place)**

For Section 1 of this Contract, prior to the placement of the asphalt base, the shoulders must be prepared as per Section 210 of the PEITIE General Provision and Contract Specifications for Highway Construction. Before placement of the asphalt seal, RAP material shall be placed at a depth of 100mm (at edge of pavement) at a 2.5% cross slope on prepared shoulders using an asphalt paver and compacted to a width of 3m. All prepared shoulders shall be filled in with RAP as per Item 60346 RAP: Load, Transport & Place by the end of each day.

At no time shall any trucks be allowed to drive over the edge of new asphalt in order to haul material to the asphalt paver.

The method of measurement for this item shall be based upon volumes calculated using cross sections prepared from surveys of the original ground lines and the lines of completed and acceptably placed RAP shoulder material.

RAP: Load, Transport & Place shall be paid for at the unit bid price per cubic metre and this price shall be full compensation for loading RAP material, placing and compacting cold planed RAP, equipment, tools, labour and incidentals necessary to complete the work.

11) **SECTION 716 - COLD PLANE, STOCKPILE**  
**(Item 71601 - Cold Plane and Stockpile)**

This work shall consist of cold planning the existing asphalt (50 mm for Route 3, 45 mm for Route 4), transporting the RAP and constructing a RAP stockpile for use under Item 60346 RAP: Load, Transport & Place. The Contractor shall provide a suitable stockpile site and follow proper stockpiling procedures to construct the stockpile. The Contractor shall be responsible to provide equipment to construct the stockpile and shall be responsible to provide security to the stockpile. The Contractor must ensure stockpile meets all safety and environmental regulations.

The cold planing of asphaltic concrete, shall be paid for at the unit bid price per square metre cold planned and this shall be full compensation for cold planing, transporting and preparing the site for stockpiling, screening the RAP, reinstatement of stockpile site, security of stockpiled material, stockpiling, providing environmental and safety protection necessary, equipment, tools, labour, and incidentals necessary to complete the work.

The open haul truck requirement does not apply to the transportation of RAP for this item to the stockpile

**12) SECTION 907 - VEHICLE CONFIGURATIONS AND RESTRICTIONS**  
The SADT on Section 1 of this project shall be understood to be 3,853.

The SADT on Section 2 of this project shall be understood to be 3,865.

**13) SECTION 908 - TRAFFIC CONTROL PLAN**  
**(Item 90802 - Traffic Control Plan)**

Work shall not proceed until all conditions of this section are met. Failure to meet these conditions shall result in a stop work order as per Section 106.07 Suspension of Work.

Schedule C

schedule of item for tender

Item Description and Price		Estimated Quantity	Contractor Total Price
<b>EXCAV:EARTH SURPLUS/SUITABLE</b>			
Section: 203	Item: 20306		
-----		PER M3	
	\$	PER M3	600.00 \$
		100	_____
<b>EXCAVATION: EARTH WASTE</b>			
Section: 203	Item: 20307	Major Item	
-----		PER M3	
	\$	PER M3	900.00 \$
		100	_____
<b>EXCAVATION: PAVEMENT</b>			
Section: 203	Item: 20316		
-----		PER Square Metr	
	\$	PER M2	250.00 \$
		100	_____
<b>BORROW: SELECT</b>			
Section: 206	Item: 20602	Major Item	
-----		PER Tonnes	
	\$	PER Tonnes	1,250.00 \$
		100	_____
<b>GRANULAR BASE: A</b>			
Section: 207	Item: 20701		
-----		PER Tonnes	
	\$	PER Tonnes	380.00 \$
		100	_____
<b>FINE GRADING</b>			
Section: 208	Item: 20801		
-----		PER Square Metr	
	\$	PER M2	250.00 \$
		100	_____
			Total Carried Forward \$ _____
			From Previous Page
			Total Carried Forward \$ _____

Schedule C

schedule of item for tender

Item Description and Price	Estimated Quantity	Contractor Total Price
<b>PREPARING SHOULDERS</b>		
Section: 210      Item: 21001		
-----	PER Square Metr	
-----	PER M2	14,100.00 \$
-----	100	-----
<b>RANDOM RIP-RAP: R5</b>		
Section: 213      Item: 21301		
-----	PER Tonnes	
-----	PER Tonnes	16.00 \$
-----	100	-----
<b>DITCHING</b>		
Section: 215      Item: 21501		
-----	PER Metres	
-----	PER M	100.00 \$
-----	100	-----
<b>BEDDING MATERIAL: A</b>		
Section: 220      Item: 22001		
-----	PER Tonnes	
-----	PER Tonnes	500.00 \$
-----	100	-----
<b>R'WAY CUL:SUP&amp;PL 600 MM</b>		
Section: 305      Item: 30503		
-----	PER Metres	
-----	PER M	120.00 \$
-----	100	-----
<b>R'WAY CUL:SUP&amp;PL 900 MM</b>		
Section: 305      Item: 30505		
-----	PER Metres	
-----	PER M	35.00 \$
-----	100	-----

Total Carried Forward \$ \_\_\_\_\_

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Total Carried Forward \$ \_\_\_\_\_

Item Description and Price	Estimated Quantity	Contractor Total Price
<b>CULVERT REMOVAL</b>		
Section: 308      Item: 30801		
-----	PER Metres	
-----	PER M	155.00 \$
-----	100	-----
<b>CULVERT END TREATMENT</b>		
Section: 312      Item: 31201		
-----	PER unit	
-----	PER unit	10.00 \$
-----	100	-----
<b>ASPHALT CEMENT</b>		
Section: 501      Item: 50101      Major Item		
-----	PER Tonnes	
-----	PER Tonnes	400.00 \$
-----	100	-----
<b>TACK COAT</b>		
Section: 601      Item: 60101		
-----	PER Square Metr	
-----	PER M2	51,000.00 \$
-----	100	-----
<b>ASPHALT PATCHING: A</b>		
Section: 603      Item: 60308		
-----	PER Tonnes	
-----	PER Tonnes	130.00 \$
-----	100	-----
<b>ASPHALT LEVELLING : A</b>		
Section: 603      Item: 60326		
-----	PER Tonnes	
-----	PER Tonnes	2,450.00 \$
-----	100	-----

Total Carried Forward \$ \_\_\_\_\_

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Total Carried Forward \$ \_\_\_\_\_



Schedule C

schedule of item for tender

Item Description and Price	Estimated Quantity	Contractor Total Price
<b>RAP: LOAD, TRANSPORT &amp; PLACE</b>		
Section: 603      Item: 60346		
-----	PER M3	
-----	\$ -----	PER M3      1,450.00 \$
-----	100	-----
<b>ASPHALT SEAL: B</b>		
Section: 603      Item: 60350      Major Item		
-----	PER Tonnes	
-----	\$ -----	PER Tonnes      3,800.00 \$
-----	100	-----
<b>HMA DRIVEWAY MIX</b>		
Section: 610      Item: 61003		
-----	PER Tonnes	
-----	\$ -----	PER Tonnes      50.00 \$
-----	100	-----
<b>COLD PLANE CONST. JOINT</b>		
Section: 705      Item: 70501		
-----	PER Square Metr	
-----	\$ -----	PER M2      200.00 \$
-----	100	-----
<b>CUTTING PAVEMENT</b>		
Section: 710      Item: 71001		
-----	PER Metres	
-----	\$ -----	PER M      60.00 \$
-----	100	-----
<b>COLD PLANE AND STOCKPILE</b>		
Section: 716      Item: 71601		
-----	PER Square Metr	
-----	\$ -----	PER M2      23,500.00 \$
-----	100	-----

Total Carried Forward \$ \_\_\_\_\_

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Total Carried Forward \$ \_\_\_\_\_

Item Description and Price	Estimated Quantity	Contractor Total Price
<b>CHECK DAM: RIP RAP</b>		
Section: 801            Item: 80104		
-----	PER unit	
-----	\$ -----	PER unit            6.00 \$
	100	-----
<b>HYDROSEEDING</b>		
Section: 803            Item: 80302		
-----	PER Square Metr	
-----	\$ -----	PER M2            800.00 \$
	100	-----
<b>SILT FENCE</b>		
Section: 806            Item: 80601		
-----	PER Metres	
-----	\$ -----	PER M            200.00 \$
	100	-----
<b>SIGNALLERS</b>		
Section: 901            Item: 90101		
-----	PER hrs	
Seventeen Dollars and 19 Cents	\$ 17.19	PER hrs            1,100.00 \$
	100	-----
		18,909.00
<b>PAVEMENT EDGE DELINEATOR</b>		
Section: 904            Item: 90401		
-----	PER unit	
-----	\$ -----	PER unit            50.00 \$
	100	-----
<b>TEMPORARY OVERLAY MARKERS (TOMS)</b>		
Section: 905            Item: 90506		
-----	PER unit	
-----	\$ -----	PER unit            120.00 \$
	100	-----

Total Carried Forward \$ -----

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Total Carried Forward \$ -----

