Department of Transportation, Infrastructure & Energy

P.O. Box 2000
Charlottetown
Prince Edward Island
Canada, C1A 7N8

CAPITAL PROJECTS

Stephen Pigott
Aug 7, 2015

ADDENDUM NUMBER 1
for
ROUTE 15 - Brackley, 2015
Page 1 of 1
(Scheduled Tender Closing August 11, 2015)

TO:	**All Bidders**
FROM:	**Stephen Pigott, P.Eng.** **Eastern Regional Engineer**
DATE:	**August 10, 2015**
SUBJEC T:	**Revisions**

1) Remove and destroy Schedule A Rev. 0, and replace with attached Schedule A Rev. 1

2) Remove and destroy Schedule C, dated July 20, 2015 and replace with attached Schedule C, dated August 7, 2015

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

_____

Signature of Contractor

SCHEDULE A
SCHEDULE OF SPECIAL PROVISIONS

1) INSTRUCTIONS TO BIDDERS

The stipulated Bid Security amount shall be $50,000.00. Upon award, the successful contractor shall replace the Bid Security with a Performance Security.

2) SECTION 102.13 - SCHEDULING OF THE WORK

Sub-section 102.13 - Scheduling of the Work
The number of working days stipulated for this contract is **25** working days.

3) SECTION 103 - SCOPE OF WORK

The work method on Rte 15 shall be as follows:

- install environmental controls
- cold plane entire roadway and shoulders 50 mm
- excavate the west shoulder and widen road to allow for new left turn lane and tapers on Rte 15.
- place select borrow 600 mm thick and granular “A” 450 mm thick in widened areas
- place one 75 mm lift of asphalt base “A” in widened areas
- place 50 mm lift of asphalt seal “B” over the entire roadway
- place RAP material on shoulders
- installing culverts
- re-grade and slope ditches as necessary

The work method on the new Queens County Highways Depot site shall be as follows:

- fine grading existing granular subbase (including proof rolling)
- place one 75 mm lift of asphalt base “A”
- hand placement of asphalt as required

Note: The paving on the Queens County Highways Depot site will take place in the 3 areas identified on the attached drawing labelled “Queens County Highways Depot Site”. Paving of each area shall be completed in phases as work on the site progresses and as directed by the Engineer. The paving on Rte 15 Brackley Pt Road and paving of Asphalt Area #1 shall be sequential.

4) SECTION 301 - STORM SEWER INSTALLATION

Item No. 30141 Storm Sewer: 250 mm PVC
Remove existing 250mm driveway pipes and reinstall as shown on drawing, sheet 1 of 3.

5) SECTION 305 - ROADWAY CULVERT INSTALLATION

Item No. 30512 ROADWAY CULVERT 450MM PCP
Extend existing 450mm roadway culvert as shown on drawing, sheet 1 of 3.
Double Walled Polyethylene (DWP) pipe meeting the requirements in Section 301 shall be used in place of PCP.

SCHEDULE A
SCHEDULE OF SPECIAL PROVISIONS

6) SECTION 306 - DRIVEWAY CULVERT PLACEMENT

Item No. 30606 Driveway Culvert 450mm PCP
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 No. 50101 Asphalt Cement
Contractors shall note that for bidding purposes an artificial rack price of **$750** 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 **$750** per tonne (without anti-strip) shall be used as the price index when calculating the liquid asphalt cement price adjustment.

8) SECTION 603.15 - HOT MIX ASPHALTIC CONCRETE - SMOOTHNESS

Section 603.15 shall not apply to this Contract.

In addition, bump/dip measurements based on the California Profilograph in accordance with ASTM E-1274 shall be measured by PEITIR for the 20 m segments at all ends of the completed Contract defined by the transverse construction joints. Individual bump/dip for each wheel path at each transverse construction joint segment shall be subject to price adjustments as described in table below. The wheel path resulting in the total pay adjustment that is numerically greatest at each
transverse construction joint location shall apply.

The total bump/dip pay adjustments for the completed Contract shall be the summation of all transverse construction joint segments.

Bump/Dip	Price Adjustment
8.5 - 9.4 mm	$ (50.00)
9.5 - 10.4 mm	$ (100.00)
10.5 - 11.4 mm	$ (200.00)
11.5 - 12.4 mm	$ (300.00)
12.5 - 13.4 mm	$ (400.00)
13.5 - 14.4 mm	$ (500.00)

Bump/Dip	Price Adjustment
14.5 - 15.4 mm	$ (600.00)
15.5 - 16.4 mm	$ (700.00)
16.5 - 17.4 mm	$ (800.00)
17.5 - 18.4 mm	$ (900.00)
≥18.5 mm	$ (1,000.00)

SCHEDULE A
SCHEDULE OF SPECIAL PROVISIONS

A) For each 20 metre segment, as defined by the transverse construction joint, which contains no bump/dip occurrences greater than 5 mm shall be subject to a lump sum price adjustment bonus of $2,500.

B) For each 20 metre segment, as defined by the transverse construction joint, which contains no bump/dip occurrences greater than 8.5 mm shall be subject to a lump sum price adjustment bonus of $500.

In the event of a lump sum price adjustment bonus, only A or B shall apply.

Example:

Lane 1, Westbound - Inside Wheel Path Adjustment **($600.00)**
Outside Wheel Path Adjustment ($900.00)

Lane 1, Eastbound - Inside Wheel Path Adjustment **($200.00)**
Outside Wheel Path Adjustment ($500.00)

Lane 2, Westbound - Inside Wheel Path Adjustment ($200.00)
Outside Wheel Path Adjustment **$500.00**

Lane 2, Eastbound - Inside Wheel Path Adjustment **$2,5000.00**
Outside Wheel Path Adjustment ($500.00)

Total Pay Adjustment: ($600.00) + ($200.00) + $500.00 + $2,500.00 = $2,200.00

9) SECTION 603 - HOT MIX ASPHALTIC CONCRETE

Item No. 60358 HMA Patching

Hot Mix Asphalt for this item shall be hand placed and compacted (50mm) in small areas (ranging in size from 1' × 6' to 6' × 6') surrounding the proposed salt storage building as directed by the Engineer. This work is to be completed in conjunction with Asphalt Area 2 as shown on the attached drawing labelled “Queens County Highways Depot Site”.

10) SECTION 708 - POLYSTYRENE FOAM BOARD PLACEMENT

Item No. 70803 Polystyrene Insulation

Insulation shall be placed under 250 mm storm sewer pipe as shown in detail on sheet 2 of 3 and in area as shown on sheet 1 of 3.

SCHEDULE A
SCHEDULE OF SPECIAL PROVISIONS

11) SECTION 712 - COLD PLANE, STOCKPILE AND REPLACE RAP AS SHOULDER MATERIAL

Item No. 71201 RAP:Shoulder Material

Placement of (RAP) on shoulder will not be permitted before the asphalt seal has been placed. Once placement of the shoulder material is complete, the excess material (RAP) will be hauled **(7 km)** to the Charlottetown TIR Maintenance Yard and stockpiled. The Contractor shall be required to load and transport and stockpile the excess RAP from the temporary stockpile onto the

trucks and deliver to the designated site with no additional compensation being provided.

The transportation of the RAP to the temporary stockpile and from the temporary stockpile to the site (shoulders) shall be a closed haul.

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. Should the actual haul distance differ from the specified distance, a price adjustment (increase or decrease) shall apply based on the actual haul distance.

12) SECTION 716 - COLD PLANE, TRANSPORT AND STOCKPILE

Item No. 71601 Cold Plane and Stockpile

Cold planing shall be hauled **(7 km)** to the Charlottetown TIR Maintenance Yard and stockpiled. The cold planing of asphaltic concrete, shall be paid for at the unit bid price per square metre and this shall be full compensation for cold planing, transporting, stockpiling, equipment, tools, labour, and incidentals necessary to complete the work.

Open haul rates shall apply to this item. Should the actual distance differ from the specified distance, a price adjustment (increase and decrease) shall apply based on the actual haul distance.

13) SECTION 907 - VEHICLE CONFIGURATIONS AND RESTRICTIONS

The Summer Annual Daily Traffic on this project shall be understood to be **11,252**.

SCHEDULE A
SCHEDULE OF SPECIAL PROVISIONS

14) SECTION 1300 - REMOVE AND REPLACE SIGN

Item No. 131521 Remove and Replace Sign

The lighted pole mounted sign for Bernmar Construction will have to be removed and replaced outside of the right - of - way. This item will be paid by lump sum and includes all construction costs; new foundations, anchor bolts, landscaping, and electrical, to complete the work.

15) SECTION 1300 - FENCE REMOVAL

Item No. 130021 Fence Removal

This item shall include all work and materials to relocate a portion of timber fencing at the entrance to Bernmar Construction.

Project Number: 4367

ROUTE 15 LEFT TURN LANI

16532

Estimate: 3566

Length:

Department of Transportation and Public Works
Province of Prince Edward Island

Schedule C

schedule of item for tender

07 Aug 2015

Item Description and Price			Estimated Quantity	Contractor Total Price
EXCAVATION: EARTH WASTE				
Section: 203 Item: 20307				
		PER M3		
	$	PER M3	1,500.00 $	
	100			
BORROW: SELECT				
Section: 206 Item: 20602				
		PER Tonnes		
	$	PER Tonnes	1,700.00 $	
	100			
GRANULAR BASE: A				
Section: 207 Item: 20701				
		PER Tonnes		
	$	PER Tonnes	1,270.00 $	
	100			
FINE GRADING				
Section: 208 Item: 20801				
		PER Square Metr		
	$	PER M2	22,400.00 $	
	100			
RANDOM RIP-RAP: R5				
Section: 213 Item: 21301				
		PER Tonnes		
	$	PER Tonnes	20.00 $	
	100			
DITCHING				
Section: 215 Item: 21501				
		PER Metres		
	$	PER M	300.00 $	
	100			

Total Carried Forward $ _____
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Total Carried Forward $ _____

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Schedule C
schedule of item for tender

Item Description and Price			Estimated Quantity	Contractor Total Price
STORM SEWER: 250MM PVC				
Section: 301 Item: 30141				
		PER Metres		
	$	PER M	60.00 $	
	100			
ROADWAY CULVERT 450MM PCP				
Section: 305 Item: 30512				
		PER Metres		
	$	PER M	6.00 $	
	100			
DRIVEWAY CULVERT 450MM PCP				
Section: 306 Item: 30606				
		PER Metres		
	$	PER M	20.00 $	
	100			
CULVERT REMOVAL				
Section: 308 Item: 30801				
		PER Metres		
	$	PER M	2.00 $	
	100			
CULVERT END TREATMENT				
Section: 312 Item: 31201				
		PER unit		
	$	PER unit	5.00 $	
	100			
ASPHALT CEMENT				
Section: 501 Item: 50101				
		PER Tonnes		
	$	PER Tonnes	240.00 $	
	100			

Total Carried Forward $ _____
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Schedule C
schedule of item for tender

Item Description and Price			Estimated Quantity	Contractor Total Price
TACK COAT				
Section: 601 Item: 60101				
		PER Square Metr		
	$	PER M2	3,200.00 $	
	100			
ASPHALT BASE: A				
Section: 603 Item: 60301				
		PER Tonnes		
	$	PER Tonnes	4,050.00 $	
	100			
ASPHALT SEAL: B				
Section: 603 Item: 60350				
		PER Tonnes		
	$	PER Tonnes	390.00 $	
	100			
HMA PATCHING				
Section: 603 Item: 60358				
		PER Tonnes		
	$	PER Tonnes	30.00 $	
	100			
COLD PLANE CONST. JOINT				
Section: 705 Item: 70501				
		PER Square Metr		
	$	PER M2	50.00 $	
	100			
POLYSTYRENE INSULATION				
Section: 708 Item: 70803				
		PER Square Metr		
	$	PER M2	5.00 $	
	100			

Total Carried Forward $ _____
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Schedule C
schedule of item for tender

Item Description and Price				Estimated Quantity	Contractor Total Price
RAP: SHOULDER MATERIAL					
Section: 712 Item: 71201					
			PER Square Metr		
	$		PER M2	1,375.00 $	
		100			
COLD PLANE AND STOCKPILE					
Section: 716 Item: 71601					
			PER Square Metr		
	$		PER M2	850.00 $	
		100			
WATER FOR DUST					
Section: 802 Item: 80201					
			PER kl		
	$		PER kl	50.00 $	
		100			
HYDROSEEDING					
Section: 803 Item: 80302					
			PER Square Metr		
	$		PER M2	1,500.00 $	
		100			
SIGNALLERS					
Section: 901 Item: 90101					
			PER hrs		
Fourteen Dollars and 24 Cents	$	14.24	PER hrs	450.00 $	6,408.00
		100			
TEMPORARY MARKING					
Section: 905 Item: 90501					
			PER Metres		
	$		PER M	300.00 $	
		100			

Total Carried Forward $ _____
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Total Carried Forward $ _____

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Schedule C
schedule of item for tender

Item Description and Price				Estimated Quantity	Contractor Total Price
TEMPORARY OVERLAY MARKERS (TOMS)					
Section: 905 Item: 90506					
			PER unit		
	$		PER unit	10.00 $	
		100			
TRAFFIC CONTROL PLAN					
Section: 908 Item: 90802					
			PER hrs		
Nineteen Dollars and 20 Cents	$	19.20	PER hrs	150.00 $	2,880.00
		100			
FENCE REMOVAL					
Section: 1300 Item: 130021					
			PER Metres		
	$		PER M	12.00 $	
		100			
REMOVE & REPLACE SIGN					
Section: 1315 Item: 131521					
			PER L.S.		
	$		PER L.S.	1.00 $	
		100			
STRAW BALES					
Section: 1360 Item: 136032					
			PER bale		
	$		PER bale	20.00 $	
		100			

Total Carried Forward From Previous Page $ _____

Total Carried Forward $ _____

14% HST $ _____

Grand Total $ _____