



**THE CORPORATION OF THE CITY OF WINDSOR  
OFFICE OF THE CITY SOLICITOR**

**ALEX VUCINIC**

**Manager of Purchasing**

**Elaine Castellan**

**Purchasing Supervisor**

**(519) 255-6272**

**TELEPHONE NUMBER**

**ADDENDUM NO. 1  
TENDER NO. 80-19  
WINDSOR INTERNATIONAL AIRPORT – RUNWAY 12-30 PAVEMENT  
REHABILITATION AND TAXIWAY INDIA WIDENING**

**June 27, 2019**

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This addendum amends and forms part of the Tender Documents. The bidder shall insert the addendum behind the cover page of the Tender Documents.

A mandatory site meeting was held on June 25, 2019. This addendum provides information/questions addressed during the meeting and clarifications requested by the bidders.

**INFORMATION:**

*Schedule A - Work Area/Conditions*– Safety Orientation will be provided by Tetra Tech and the Windsor International Airport (YQG).

The runway will be closed during the construction work, hence there will be no flights in the area. Preferred work hours for the construction period are 7am-7pm. No night paving is recommended for this work.

All work including line painting and the Edge Light Replacement (provisional item) is to be completed simultaneously during the runway closure.

*Provisional Schedule B Lead Time* – The shop drawing approval is anticipated within 1-2 days. It should be noted that an estimated lead time of 8-10 weeks following the shop drawing approval is anticipated for the Edge Lighting.

**QUESTIONS/ANSWERS:**

**Question #1:**

Phase I schedule (6 days) proposed in the RFT appears impossible? Also – the project completion time (i.e before October 31, 2019) may be hard to meet due to the lead time for Edge Light Replacement.

**Response #1:** The total project length is expected to be 3-4 weeks and the allotment of that time per phase is upto the Contractor.

Should the City decide to proceed with Schedule B (Provisional Item), a Notice to Proceed will be provided indicating that the contract is being awarded to the selected bidder and that the agreement is being processed. This would allow the Contractor to order the Edge Lighting items in advance of the agreement and associated paperwork. Hence, the construction can be expected to commence in September and substantial completion by October 31, 2019.

**Question #2:**

Are millings to be placed on-Site or disposed off-Site?

**Response #2:** Approximately 700 m<sup>2</sup> (100 tonnes) of millings are to remain on-Site. The remaining quantities can be disposed off-Site. Please refer to the revised Pricing Schedule.

**Question #3:**

Can the contingency line be re-visited (i.e % vs fixed rate)?

**Response #3:** See Revised Pricing Schedule (attached).

**Question #4:**

Is the Contractor responsible for completing utility locates?

**Response #4:** YQG will complete the utility locates for the work area. This line item has been removed from the Pricing Schedule. See Revised Pricing Schedule.

**CLARIFICATION:**

Please note that Drawing E-2203 Taxiway Alpha Electrical Plan view is not included in the tender package as it is not required for Schedule C. The reference of this drawing is inadvertently listed in the list of drawings in the Index to Document and has been removed. See the revised Index to Document provided in Attachment 1 (attached).

Except for the contents of this addendum, all other terms and conditions of this tender remain the same.

***END OF ADDENDUM NO. 1***

Yours truly,

**THE CORPORATION OF THE CITY OF WINDSOR**

*Elaine Castellan*

Elaine Castellan  
Purchasing Supervisor

EC/jm

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**June 27, 2019**

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I hereby acknowledge receipt of Addendum No. 1 to the Tender No. 80-19 (9 pages).

The information contained therein is hereby noted and account of same will be taken in our tender cost.

This information was received on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name (Printed)

\_\_\_\_\_  
Company Name

**\*NOTE: You are required to acknowledge this addendum with your TENDER submission.**

**PLEASE FAX BACK TO (519) 255-9891 OR E-MAIL @ [purchasing@citywindsor.ca](mailto:purchasing@citywindsor.ca) SIGNED  
ACKNOWLEDGEMENT SHEET ASAP**

**Attn: Purchasing Department**

**Schedule of Pricing**

<b>Schedule A - Runway 12-30 Pavement Rehabilitation</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Est Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
<b>1.00</b>	<b>General Requirements</b>				
1.01	Mob / Demob, Survey, Temporary Facilities, QC Testing, etc.	LS	1		
1.02	Marker Board Manufacture and Setup	Each	6		
1.03	Security Escort (Allowance)	LS	1	\$ 45,000	\$ 45,000
1.04	New Pavement Markings	LS	1		
<b>Subtotal (Item 1.01-1.04, including Security Escort Allowance, excluding HST)</b>					
<b>2.00</b>	<b>Mill and Overlay 65mm HMAC</b>				
2.01	Cold Mill 65mm (Dispose millings on-site)	m <sup>2</sup>	700		
2.02	Cold Mill 65mm (Dispose millings off-site)	m <sup>2</sup>	75,000		
2.02	Misc. Shallow Crack Treatment c/w Sand-Slurry Treatment	m	2,800		
2.03	Misc. Deep Crack Treatment c/w Granular A (Depth Varies) and HMAC (130mm) (PROVISIONAL)	m	500		
2.04	Misc. Patching/Asphalt Replacement of Milled Surface (65mm depth) - mill/tack/HMAC (PROVISIONAL)	m <sup>2</sup>	1,000		
2.05	Mill and Pave 1.5m wide x 65mm Depth Butt Joint	m <sup>2</sup>	260		
2.06	Supply and Install HMAC - 65mm depth (1 Lift) c/w Tack Coat	m <sup>2</sup>	75,700		
<b>Subtotal (Item 2.01-2.06, excluding HST)</b>					
<b>Total Costs Schedule A*</b>					
(*includes items 1.00, 2.00, excluding HST)					

<b>Schedule B - Runway 12-30 Edge Light Replacement (Provisional)</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Est Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
<b>3.00</b>	<b>General Requirements</b>				
3.01	Mob / Demob, Survey, Temporary Facilities, QC Testing, etc.	LS	1		
3.02	Site Clean-up/Restoration Including Topsoil, Grading, Seed, etc.	LS	1		
3.03	Supply of Operations and Maintenance Manuals, Spare Parts (If Required)	LS	1		
<b>Subtotal (Item 3.01-3.04, excluding HST)</b>					
<b>4.00</b>	<b>LED Upgrades</b>				
4.01	Removal and Disposal of Existing Pullpit and Installation of New Pullpit (owner supplied)(Provisional)	Each	20		
4.02	Supply and Install New Pullpit c/w Associated Trenching and Connection of 1-25mmØ RPVC Secondary Duct	Each	46		
4.03	Install, and connect elevated CLEAR LED Medium Intensity Runway Edge Light Fixture, c/w Fixture, Secondary Cabling, Transformer, Connector Kits, Grounding, Backfill, and All Other Accessories and Work	Each	46		
<b>Subtotal (Item 4.01-4.03, excluding HST)</b>					
<b>Total Costs Schedule B (Provisional)</b>					
(includes items 3.00, 4.00, excluding HST)					

**Schedule of Pricing**

<b>Schedule C - Taxi India Widening</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Est Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
<b>5.00</b>	<b>General Requirements</b>				
5.01	Mob / Demob, Survey, Temporary Facilities, QC Testing, etc.	LS	1		
5.02	New Pavement Markings	LS	1		
<b>Subtotal (Item 5.01-5.02, excluding HST)</b>					
<b>6.00</b>	<b>Removals</b>				
6.01	Sawcut and Remove Existing Asphalt Concrete 80mm and Dispose Off-Site	m <sup>2</sup>	1,100		
6.02	Remove and Stockpile on Site 250mm GBC for Re-Use	m <sup>3</sup>	275		
6.03	Strip 150mm Topsoil and Stockpile for Re-Use	m <sup>2</sup>	1,450		
6.04	Common Excavation and Dispose Off Site (Depth Varies)	m <sup>3</sup>	760		
6.05	Remove and Dispose Existing Subdrain	m	400		
6.06	Abandon in Place Existing Storm Manhole	each	1		
6.07	Excavate, Protect and Store for Re-Use Existing Storm Manholes & Electrical Vault	each	2		
6.08	Cut Existing 300mm DIA. HDPE Pipe To new Length and Dispose Off-Site	LS	1		
<b>Subtotal (Item 6.01-6.08, excluding HST)</b>					
<b>7.00</b>	<b>Taxiway Construction</b>				
7.01	Grade & Compact Existing Granular Material	m <sup>2</sup>	380		
7.02	Supply and Install 330mm Granular Sub-Base Course (GSBC)	m <sup>3</sup>	260		
7.03	Supply and Install 250mm Granular Base Course (GBC)	m <sup>3</sup>	280		
7.04	Supply and Install Engineered Common Fill for Shoulder Construction	m <sup>3</sup>	130		
7.05	Hot-Mix Asphalt Concrete Paving (HMAC) - 80mm Thick (2 lifts) c/w Tack Coat	m <sup>2</sup>	1,150		
7.06	Mill and Pave 1.5m Wide 65mm Depth Butt Joint	m <sup>2</sup>	170		
7.07	Topsoil (150mm), Finish Grading and Hydroseed Shoulders	m <sup>2</sup>	520		
<b>Subtotal (Item 7.01-7.07, excluding HST)</b>					
<b>8.00</b>	<b>Storm Drainage</b>				
8.01	Supply and Install New Perforated 200mm Subdrain Pipe	m	120		
8.02	Protect Existing Manhole & Raise Cover to Match Asphalt of New Taxiway Widening	LS	1		
8.03	Re-Install Existing Storm Manhole c/w Connections to New Subdrain and Existing Outlet Pipe	LS	1		
8.04	Supply and Install 'Type-F' Manhole c/w Subdrain Connection	each	1		
<b>Subtotal (Item 8.01-8.04, excluding HST)</b>					
<b>9.00</b>	<b>Electrical</b>				
9.01	Remove and Reinstall Existing Pullpit Light Fixtures to New Location	LS	4		
9.02	Removal of Existing RPVC Ducts, Trenching, New RPVC Ducts, Re-route #8 ASLC Power Cable Etc	m	120		
9.03	Excavate, Protect and Re-Install Pre-cast Electrical Vault to New Location	LS	1		
9.04	Splice and Provide New Length of Concrete Encased Duct Bank Under Taxiway (4-100mm RPVC Ducts)	m	6		
9.05	Splice and Provide New Length of #8 ASLC Power Cable Under Taxiway	m	20		
9.06	Relocate Existing Taxiway Edge Signs c/w New Secondary Cable c/w Reinstatement of Previous Sign Location	each	4		
<b>Subtotal (Item 9.01-9.06, excluding HST)</b>					
<b>Total Costs Schedule C</b> (includes items 5.00, 6.00, 7.00, 8.00, 9.00, excluding HST)					

**Schedule of Pricing**

Item	Description	Unit	Est Quantity	Unit Price	Total Price
<b>10.00</b>	<b>Contingency</b>				
10.01	Contingency Allowance	LS	1	\$ 100,000	\$ 100,000

Description	Total Tendered Price
Schedule A + B (Provisional) + C + Contingency (including Security Allowance, excluding HST)	

**Attachment 1**

Revised Index to Document

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## **INDEX TO DOCUMENT**

### **BOOK I**

#### **BID DOCUMENTS**

INSTRUCTION TO BIDDERS  
SPECIAL INFORMATION TO BIDDERS  
BID FORM (INCLUDING SCHEDULE OF UNIT PRICING)  
FORMS – AGREEMENT/BONDS

#### **TECHNICAL SPECIFICATIONS**

##### **DIVISION 01 - General Requirements**

Section 01 11 00	Summary of Work
Section 01 29 00	Measurement for Payment
Section 01 31 19	Project Meetings
Section 01 32 16.07	Construction Progress Schedule – Bar/GANTT Chart
Section 01 33 00	Submittal Procedures
Section 01 35 29.06	Safety and Security Requirements
Section 01 35 43	Environmental Procedures
Section 01 45 00	Quality Control
Section 01 52 00	Temporary Facilities
Section 07 74 11	Cleaning

##### **DIVISION 02 and 32 – Civil**

Section 02 41 13.14	Pavement Removal
Section 32 01 11.01	Pavement Cleaning and Marking Removal
Section 32 12 13.16	Asphalt Tack Coat
Section 32 17 23	Pavement Markings

##### **DIVISION 16, 26, and 34 - Electrical**

Section 16 05 00	Common Work Results – Electrical
Section 26 05 14	Power Cable and Overhead
Section 26 05 20	Wire and Box Connectors 0-1000V
Section 26 05 21	Wires and Cables (0-1000V)
Section 26 05 22	Connectors and Terminations
Section 26 05 28	Grounding – Secondary
Section 26 05 31	Splitters, Junction, Pull Boxes and Cabinets
Section 26 05 34	Conduits, Conduit Fastening, and Conduit Fittings
Section 26 05 43.01	Installation of Cables in Trenches and Ducts
Section 34 43 13	Airfield Lighting - General



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## **DRAWINGS**

### **SCHEDULE A: Runway 12/30 Pavement Rehabilitation**

C-1100	Site Plan
C-1101	Plan of Construction Operations
C-1200	Runway 12-30 Plan & Profile Sheet 1 of 3
C-1201	Runway 12-30 Plan & Profile Sheet 2 of 3
C-1202	Runway 12-30 Plan & Profile Sheet 3 of 3
C-1300	Runway 12-30 Paint Marking Site Plan
C-1401	Paint Marking Details

### **SCHEDULE B: Runway 12/30 Pavement Rehabilitation (PROVISIONAL)**

E-2100	Electrical Site Plan
E-2200	Runway 12-30 Electrical Plan View STA 0+000 – 0+460
E-2201	Runway 12-30 Electrical Plan View STA 0+460 – 1+220
E-2202	Runway 12-30 Electrical Plan View STA 1+220 – 1+700
E-2400	Electrical Details

### **SCHEDULE C: Taxiway India Widening**

C-3100	Site Plan
C-3101	Plan of Construction Operations
C-3200	Grading Plan and Profile
C-3201	Taxiway India Storm Drainage Plan
C-3300	Taxiway India Paint Marking Plan
C-3400	Civil Details
E-3100	Electrical Site Plan
E-3400	Electrical Details

## **ATTACHMENTS**

**Appendix A** Geotechnical Investigation Report (for Taxiway India)

**Appendix B.1 & B.2** YQG – Control of Access at Airports  
YQG – Health, Safety, Security, and Fire

**BOOK II\*** CITY OF WINDSOR GENERAL CONDITIONS (Revised July 2015)

\* Not included in tender package. Available upon request