



City of Niagara Falls

Addendum # 2

Contract #2019-403-16

Kalar Road Sports Park – Parking Lot Reconstruction

This Addendum shall form an integral part of the contract document for the above noted project and shall be read in conjunction therewith. This Addendum shall, however, take precedence over all requirements of the previously issued contract documents, including plans, with which it may prove to be at variance, unless otherwise clarified by the Engineer.

This Addendum must be signed by the Tenderer in the appropriate space and must be attached to the Form of Tender for submission at the time of tendering. Tenders not including this Addendum, signed as required, may be rejected as informal.

No. of Addendum Pages: 10

No. of Attachments: 2 (SofQ & SPCS)

FORM OF TENDER

Please find attached a revised Schedule of Quantities and Unit Prices FT4-1 to FT4-5 marked "Addendum #2 – Revised August 19, 2019" at the top of each page. **This revised Schedule of Quantities and Unit Prices – Addendum #2 shall replace the Schedule of Quantities and Unit Prices as originally provided and shall be submitted as part of the Form of Tender in Tender Envelope 2.**

The following Changes were made:

SECTION 'A' - General
ITEM A5 Clearing and Grubbing
b.) Remove Existing Trees: EST. QTY: 16

Has been changed to:

ITEM A5 Clearing and Grubbing
b.) Remove Existing Trees: **EST. QTY: 20**

SECTION 'B' - Roads
ITEM B3 Granular Material
a.) Granular 'A'
 iii. Asphalt Pathways – 200mm

Has been changed to:

SECTION 'B' - Roads
ITEM B3 Granular Material
a.) Granular 'A'
 iv. Asphalt Pathways – 200mm

SECTION 'B' - Roads
ITEM B28 Chain Link Fence: EST. QTY: 20, Unit: m

Has been changed to:

ITEM B28 Chain Link Fence

The following item has been REMOVED:

SECTION 'B' - Roads
ITEM B27 Removal of Existing Items
f.) Trees, as indicated on plans: EST. QTY: 20, each

The following items have been ADDED:

SECTION 'P' - Provisional
ITEM B9 Concrete Sidewalks
32MPa Concrete, 125mm Thickness (OPSD 310.010) EST. QTY: 50, m2

SECTION 'P' - Provisional
ITEM B34 Tactile Warning Surfaces
b.) Straight Plates (610mm x 610mm) EST. QTY: 18, each

SPECIAL PROVISIONS – CONTRACT ITEMS SUPPLEMENTARY

Please find attached specifications for the newly added contract item B9.

The Following has been added to the SPCS Special Provisions Contract Items Supplementary:

SPCS B9 – Concrete Sidewalks (Pages SPCS 24 – 25)

Date: August 19, 2019



Eric Lallouet
Project Manager

The Tenderer shall take due notice of this change and make allowance to his/her unit prices.

Signature of Company Representative:
Name (Please Print):
Company Name:
Date:

All Bidders are to note that the Special Provisions - Contract Items Supplementary are regularly revised and in some cases modified to a specific project. The City will not be responsible for any Bidder not being aware of the changes from previous tender documents.

SCHEDULE OF QUANTITIES AND UNIT PRICES

CONTRACT NO. 2019-403-16
 Kalar Road Sports Park - Parking Lot Reconstruction
 Addendum No.2 - Revised August 19, 2019

ITEM NO.	SPEC NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
SECTION 'A' - GENERAL						
A1	A1	Bonding	1	L.S.	\$ _____	\$ _____
A4	SPCS	Construction Layout a) Survey Layout	1	L.S.	\$ _____	\$ _____
A5	SPCS	Clearing and Grubbing a) Clear and Grub b) Remove Existing Trees	1 20	L.S. each	\$ _____ \$ _____	\$ _____ \$ _____
A7	SPCS	Install, Maintain and Remove Silt Control Devices a) Catch basin Silt Bags b) Light Duty Silt Fence Barrier, OPSD 219.110 c) Filter Sock Check Dam	2 200 50	each m m	\$ _____ \$ _____ \$ _____	\$ _____ \$ _____ \$ _____
A8	SPCS	Construction Signs, Traffic Control and Traffic Management Plan	1	L.S.	\$ _____	\$ _____
A9	A9	Contingency Allowance	1	L.S.	\$ 50,000.00	\$ 50,000.00
TOTAL SECTION 'A' - GENERAL						\$ _____

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ITEM NO.	SPEC NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
SECTION 'B' - ROADS						
B2	SPCS	Earth Excavation <i>Includes saw cutting and disposal of surplus or unsuitable excavated materials</i>				
		a) Earth Excavation	2,900	m ³	\$ _____	\$ _____
		b) Topsoil Stripping	650	m ³	\$ _____	\$ _____
B3	SPCS	Granular Material				
		a) Granular 'A'				
		i. North Parking Lot pavement structure - 100mm	655	t	\$ _____	\$ _____
		ii. South Parking Lot pavement structure - 100mm	925	t	\$ _____	\$ _____
		iii. Park Entrance Driveway pavement structure - 100mm	25	t	\$ _____	\$ _____
		iv. Asphalt Pathways - 200mm	395	t	\$ _____	\$ _____
		b) Granular 'B'				
		i. North Parking Lot pavement structure - 300mm Type II	1,950	t	\$ _____	\$ _____
		ii. South Parking Lot pavement structure - 300mm Type II	2650	t	\$ _____	\$ _____
iii. Park Entrance Driveway pavement structure - 300mm Type II	70	t	\$ _____	\$ _____		
B7	SPCS	Installation of New Culvert				
		a) Corrugated Steel Pipe (CSP) (68mm x 13mm Corrugation & 2mm Thickness, Galvanized)				
		i. 450mm Dia.	8	m	\$ _____	\$ _____
		ii. 300mm Dia.	16	m	\$ _____	\$ _____
B8	SPCS	Concrete Curb and Gutter				
		a) Barrier Curb (OPSD 600.110)				
		i. North Parking Lot curbs	325	m	\$ _____	\$ _____
		ii. South Parking Lot curbs	400	m	\$ _____	\$ _____
		iii. Park Entrance driveway curbs	205	m	\$ _____	\$ _____
B12	SPCS	Supply and Application of Tack Coat				
		a) North Parking Lot	2805	m ²	\$ _____	\$ _____
		b) South Parking Lot	3900	m ²	\$ _____	\$ _____
		c) Park Entrance Driveway	210	m ²	\$ _____	\$ _____
B13	SPCS	Adjustment of Appurtenances				
		a) Existing Catch basin/Ditch Inlet Frame & Gate				
		i. Catch basins	2	each	\$ _____	\$ _____
B14	SPCS	Supply & Place Hot Mix Asphalt				
		a) North Parking Lot				
		i. HL3 HS Surface Course - 40mm	300	t	\$ _____	\$ _____
		ii. HL8 HS Base Course - 60mm	405	t	\$ _____	\$ _____
		b) South Parking Lot				
		i. HL3 HS Surface Course - 40mm	425	t	\$ _____	\$ _____
		ii. HL8 HS Base Course - 50mm	575	t	\$ _____	\$ _____
		c) Park Entrance Driveway				
		i. HL3 HS Surface Course - 40mm Thickness	10	t	\$ _____	\$ _____
		ii. HL8 HS Base Course - 60mm Thickness	20	t	\$ _____	\$ _____
		d) Asphalt Pathways				
i. HL3 HS Surface Course - 50mm	125	t	\$ _____	\$ _____		

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ITEM NO.	SPEC NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
B15	SPCS	Asphalt Pathway <i>For Preparation & Handwork</i>	955	m ²	\$ _____	\$ _____
B19	SPCS	Regrading of Ditches and Swales a) Ditches and Swales	2100	m ²	\$ _____	\$ _____
B20	SPCS	Hand Laid RipRap with Filter Cloth	100	m ²	\$ _____	\$ _____
B21	SPCS	Topsoil and Sod <i>Includes any grading necessary to provide positive drainage</i> a) 100mm Topsoil & Sod	1200	m ²	\$ _____	\$ _____
B24	SPCS	Application of Water for Dust Control	50	m ³	\$ _____	\$ _____
B27	SPCS	Removal of Existing Items a) Chain Link Fence b) Hydro Pole and Guy Wires c) Ditch Culvert d) Wood Bollards e) Concrete Parking Wheel Stop Curbs	25 1 1 110 60	m L.S. L.S. each each	\$ _____ \$ _____ \$ _____ \$ _____ \$ _____	\$ _____ \$ _____ \$ _____ \$ _____ \$ _____
B28	SPCS	Chain Link Fence a) Fence b) Access control gate for south parking lot per plan and detail sheet	25 1	m each	\$ _____ \$ _____	\$ _____ \$ _____
B36	SPCS	Remove, Store and Reinstall a) Signs b) Boulders (move and reinstall only)	25 2	each each	\$ _____ \$ _____	\$ _____ \$ _____
B37	SPCS	Line Painting <i>Organic Solvent-Based Traffic Paint with Reflectorized Glass Beads</i> a) Pavement Markings i. 100mm Wide Longitudinal Line ii. 100mm Wide Parking Stalls b) Crosswalk Hatching - Solid White i. 2.65m Wide ii. 5.50m Wide c) Symbols - White - Size per OTM Manual Book 11 i. Directional Arrows ii. Disability Symbols	158 1140 37 19 10 7	m m m m each each	\$ _____ \$ _____ \$ _____ \$ _____ \$ _____ \$ _____	\$ _____ \$ _____ \$ _____ \$ _____ \$ _____ \$ _____
B38	SPCS	Replacement Parking Lot Trees <i>Species - Sunburst Honeylocust - 60mm caliper</i> a) North and South Parking Lot Islands b) North Side of North Parking Lot	16 4	each each	\$ _____ \$ _____	\$ _____ \$ _____
TOTAL SECTION 'B' - ROADS \$						\$ _____

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ITEM NO.	SPEC NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
SECTION 'C' - STORM SEWERS						
C10	SPCS	Biorentention Swales				
		a) Filter Media	179	t	\$ _____	\$ _____
		b) Pea Gravel	46.2	t	\$ _____	\$ _____
		c) Gravel	378	t	\$ _____	\$ _____
		d) 100mm Topsoil and Seed Mix	2,000	m ²	\$ _____	\$ _____
		f) Filter Cloth	600	m ²	\$ _____	\$ _____
C11	SPCS	Flush Existing Storm Pipe	2	each	\$ _____	\$ _____
TOTAL SECTION 'C' - STORM SEWERS						\$ _____

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ITEM NO.	SPEC NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
SECTION 'P' - PROVISIONAL ITEMS						
P5	SPCS	19 mm Clear Stone	1	t	\$ _____	\$ _____
P6	SPCS	Vertical & Horizontal Control Monuments	1	each	\$ _____	\$ _____
P7	SPCS	Trench or Road Sub-Excavation	1	m ³	\$ _____	\$ _____
P10	SPCS	Street Sweeping & Cleaning	40	hrs.	\$ _____	\$ _____
B9	SPCS	Concrete Sidewalks 32 Mpa Concrete, 125mm Thickness (OPSD 310.010)	50	m ²	\$ _____	\$ _____
B10	SPCS	Saw cutting Pavement Additional saw cutting, as approved by the Contract Administrator	20	m	\$ _____	\$ _____
B34	B34	Tactile Warning Surfaces a) Straight Plates (610mm x 610mm)	18	each	\$ _____	\$ _____
TOTAL SECTION 'P' - PROVISIONAL						\$ _____

B9. CONCRETE SIDEWALKS

In addition to the conditions stipulated in the Niagara Peninsula Standard Contract Document and OPSS 351, the following shall also apply:

The unit price bid shall include all necessary equipment, materials and labour to excavate to subgrade, form, finish and cure 32 MPa concrete sidewalks to the specified thickness, on a 125mm granular base.

Commercial and industrial driveways shall also include wire mesh and an allowance to pour the drives in two (2) sections to allow access at all-time. As an alternative to two (2) separate concrete pours, the Contractor may elect to use 'High Early Strength Concrete' at no additional cost to the contract provided approval from the businesses is provided.

The unit price bid shall also include provisions for cold weather work as noted in OPSS 351.

A flat obstacle free surface is desired, therefore, do not apply a trowel finish at the joints or provide 'Dummy' joints.

Expansion joints shall be set in place prior to pouring and shall be full depth, spaced 30.0m c/c maximum. Contraction joints shall be spaced 2.5m c/c maximum and are to be saw cut to 1/4 thickness of the slab. The City will not accept any variance in the joint spacing beyond a 50mm tolerance from that specified. Panels with a greater variance will be removed and replaced at the Contractor's expense.

Private concrete sidewalks will be constructed to match the existing or minimum 125mm depth, whichever is greater, and paid for under this item.

The Contractor is to adjust the sidewalk crossfall where required to allow for positive drainage from the driveway and housewalks. Where the new sidewalk has caused ponding, the Contractor shall remove and replace the sidewalk at no additional cost to the contract. The Contractor shall include the supply and installation of a bond breaker (either plastic or tar paper) when a new sidewalk is installed adjacent to the concrete curb. An expansion joint at this location is not required.

The Contractor shall take due precaution to protect the finished surface of freshly laid concrete sidewalk from being damaged, marred or defaced. In the event that the freshly placed concrete is marred or damaged in any way, the Contractor shall break out and replace the damaged sections. Patching or grinding of damaged, marred or defaced concrete will not be accepted. The unit price bid shall be deemed to have allowed for this contingency.

This item shall be used as directed by the contract administrator which may include driveway or crosswalk ramps, small sections of sidewalks, bus shelter pads or any other application as deemed necessary.

The unit price bid shall include drop sidewalk ramps at driveways as per OPSD 310.050 and at crossings.

Tactile warning plates shall be supplied and installed within concrete sidewalks at all road crossings in accordance with SPCS Item B34 and NPSCD Section 7 Standard Drawings.

Basis for Payment

Excavation to accommodate a grade difference greater than 75mm between an existing sidewalk elevation and the replacement sidewalk shall be paid for separately under the appropriate item in the Schedule of Quantities and Unit Prices, specifically Item B2 Earth Excavation.

Granular 'A' for sidewalk base shall be paid for under the appropriate B3 item in the Schedule of Quantities and Unit Prices.

Tactile Warning Surfaces shall be paid for under the appropriate item in the Schedule of Quantities and Unit Prices, specifically Item B34.