UPPER CANADA CONSULTANTS
ENGINEERS / PLANNERS

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September 12, 2018
File: 1731

Rankin Construction Inc.
222 Martindale Road, P.O. Box 1116
St. Catharines, ON L2R 7A3

Attn: Mr. Sto Trichew

Re: Overflow Parking Concept
Site Instruction 1

The following are site instructions shall apply:

1) The contractor shall proceed with the additional work based on the September 11, 2018 email and sketch from Mr. Mike Gallagher (attached) for the specified price of $32,425.00

Yours very truly,



Adam Keane, P.Eng.

cc. Nancy O'Connor nancy.oconnor@niagarahealth.on.ca
Mike Gallagher mikegal@rankinconstruction.ca

Encl.

Adam Keane

From: Mike Gallagher <mikegal@rankinconstruction.ca>
Sent: September-11-18 9:48 AM
To: Adam Keane
Cc: Sto Tritchew; James Brown; Riley Jakobschuk
Subject: Extend Parking Lot at NHS
Attachments: NHS - Overflow Parking Concept.pdf

Adam,

As a result of the meeting & sketch for additional parking spaces at the NHS Overflow Parking, we have also had a chance to review it from Rankin Construction's perspective and offer the following concept
Along with a scope breakdown and pricing for your review:

Scope of Work: (Based on Concept Attached)

- Strip Topsoil & Dispose of Site – 275m3 for 1,150m2 increase in area
- Complete Minor Cut/Fill to achieve proper drainage for 1,150m2 increase in area
- S&I of 300mm Thick Granular 'A' – 820tonnes for i1,150m2 increase in area
- Fine Grade Both Parking Lots to achieve proper drainage
- S&I of Temporary Moduloc Fence (2 Months) to Control Flow of Vehicles and Pedestrians – 150m
- S&I of T Posts and Fence to Create Defined Parking Spots – 100m
- S&I of 1.5m Wide Granular Pathway
- Create a Opening in the Chainlink Fence
- Signage to Identify Pedestrian and Vehicle Flow

  Lump Sum …….$32,425.00

Notes:

1. The Only removal allowed for is the Temporary Moduloc Fence.

Please review and provide us direction.

Thanks
Mike Gallagher, P.Eng.
Senior Estimator - Roads and Infrastructure

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Steel Tee Posts with Hi-Vis Chain (every 2.9m on centre) (See Photo)

LIMIT OF PARKING

CBMH 1
OPSD 701.010
RIM 100.72
S INV 98.52 (300Ø)
E INV 98.52 (450Ø)

HYDROGAURD HG-6
WIITH CB LID
1800mmØ
RIM 99.60
W INV 98.15 (450Ø)
S INV 98.15 (450Ø)
N INV 98.15 (450Ø)
E INV 98.15 (525Ø)

13.7m-450mmØ STM
STUB @ 1.13%
TO BE PLUGGED
FOR FUT EXTENSION
INV 98.30

26.54m

EXISTING GRAVEL PARKING LOT

GRAVEL STOCK PILE AREA

Strip topsoil and place 300mm of Recycled Granular (1,150 m2)

ditch towards creek to drain subgrade

LEGEND
- T POST & CHAIN
- 1.5m GRAV PATHWAY
- MODULOC FENCE
- CHAIN LINK REPAIR OPENING

1.5m GRAV. PATH

PROPOSED FLOW

1.5m CONC SIDEWALK

#1242 REGIONAL ROAD 77 (FOURTH AVENUE)

2.0m-300mmØ PVC

6.5m-300mm

3.4m-200mmØ P

7.5m-25

LEFT TURN LANE

EX 1050mmØ CSP STM @ 0.89%

EX 1350mmØ CONC STM @ ±0.14%

EX 300mmØ PVC SAN @ ±0.22%

EX 200mmØ PVC WM

EX CONC S/W

EX CURB

EX C/L

NIAGARA HEALTH SYSTEM