Niagara College of Applied Arts and Technology

REQUEST FOR BIDS

NIAGARA-ON-THE-LAKE SITE SERVICING

PROJECT: 2019-47

RESPONSE TO QUESTIONS

DOCUMENT

April 4, 2019

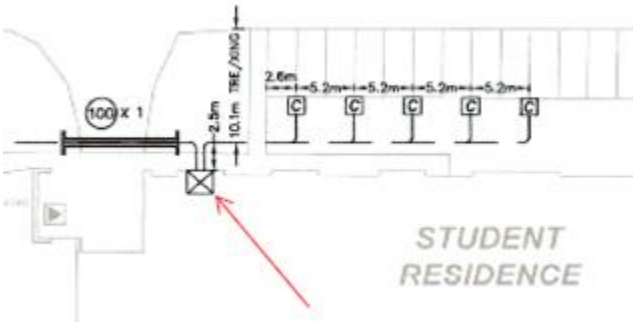
NOTES TO RESPONDENTS:

1. In accordance with the Request For Bids, Bid Forms, Drawings and Specifications 2019-47 – NOTL Site Servicing issued by Niagara College of Applied Arts and Technology (the "College") on March 11, 2019, this document contains responses to clarification questions the College has received from the prospective Respondents. This document does not amend the Tender documents.

2. Questions have been recorded as submitted by Respondents and are listed in **bold** and in the order in which they were received.

QUESTIONS AND ANSWERS IN RESPONSE TO 2019-47

No.	Section Reference	Questions and Responses
1.	General	**Is there any liquidated damages on this project?** **Response:** Please refer to Section 6, Supplementary Conditions, Item 8 and Appendix B.
2.	Site Visit	**I understand that the site visit was not mandatory, is it possible to get the names of who attended?** **Response:** Pacific Paving Varcon Construction Associated Paving Rankin Construction Brennan Paving Melrose Paving
3.	Submission	**When we complete the Project Experience Forms, should we add the qualifications of the key staff or just their names? Is there a separate form for key staff qualifications?** **Response:** When completing the Project Experience Forms, please add the staff that was assigned to the Project being described. You may submit your key staff's qualifications, resumes, etc using your own forms. Ideally, key staff that will be assigned to the College Site Servicing project will have experience with past projects.
4.	Specifications	**Are there known blackout dates that will occur during the construction period, April to September?** **Response:** There are no blackout dates between April 18, 2019 and September 1, 2019. The spring academic term ends April 18, 2019.
5.	Specifications	**Are you able to tell me how many parking spaces there are now and how many there will be at the end of the project – not counting the OVERFLOW lot?** **Response:** Not counting the overflow lot, there are 1,089 existing parking spaces and there will be 1,254 parking spaces at the completion of construction.
6.	Specifications	**Currently your document indicates working days are only Mon to Friday, not Saturday and Sunday, is this correct? Please confirm Work Hours.** **Response:** Work will generally be allowed on Saturday or Sunday provided 48 hours notification is provided.

7.	**Contract**	**What will the holdback be for this project?** **Response:** The hold back will be consistent with the Construction Act (formerly the Construction Lien Act).
8.	**Specifications**	**Please provide additional information regarding the fencing, specifically the height of fence and proposed gate detail.** **Response:** Chainlink fencing shall be as per OPSD 972.130.
9.	**Specifications**	**Please confirm if the project specific pollution policy is necessary?** **Response:** Yes.
10.	**Specifications**	**Refer to drawing EL-1. Please confirm if the below is a pull box. If not, please specify.**  **Response:** This is the Electrical room as labelled in the drawing legend.
11.	**Specifications**	**Refer to drawing EL-1, Electrical Room. Please advise if there is an existing spare breaker to feed the new I-Line 600V, 400A 3 Phase exterior distribution panel or if a new breaker is required.** **Response:** Yes, there is a 600V, 400A, 3phase breaker is available.
12.	**Specifications**	**Refer to drawing SL-1, Electrical Room. Please advise if there is existing spare breakers to feed the new street light metered pedestals or if new breakers are required.** **Response:** No, there are no 100A breakers available. Contractor is to provide two (2) new 100A breakers.

13.	**Specifications**	**Please advise if alternate equals will be accepted for the proposed distribution panel, lighting, street light metered pedestals and car chargers.** **Response:** Bidders must bid the specified equipment. Alternatives may be discussed with the successful bidder.
14.	**Specifications**	**Refer to drawing EL-1, Legend. Please advise if the 1/C - #8 AWG CU RWU90 cable installed in 1-100mm PVC II Duct should be two conductors as the car charges are 208V, single phase. Please also advise if a bonding conductor is required as well.** **Response:** The legend states that this is 3 conductors. 2 lines and 1 earth
15.	**Specifications**	**Refer to drawing EL-1. Please advise where the car chargers are being fed from. The drawing shows the car chargers at the Student Residence and by the PR Walkway as being fed by 1C#8 but the drawing does not show where the circuit originates. Please advise.** **Response:** The car chargers are being fed from the electrical room of the residence as shown in drawing EL-1. Two(2) new 40A breakers are to be added to the existing panel to accommodate the car chargers. The existing panel has three (3) spare breakers that can be used for a total of five (5) breakers for the EV chargers.
16.	**Specifications**	**Refer to drawing EL-2, Legend. The dashed line indicates U/G secondary cable 600V T90 building wire #8 AWG CU PVCJ triplex cable from new proposed 600V panel, continues on to drawing EL-1 back to the Electrical Room. Drawing EL-1 shows the dashed line as 1/C - #8 AWG CU RWU90 XLPEI PRCJ 600V T90 building wire. Please advise which is correct.** **Response:** The bonding cable is as specified on EL-1 (1/C - #3 AWG CU RW90 XLPEI PVCK 1000V)
17.	**Specifications**	**Refer to drawing EL-2, Legend. The dashed line indicates U/G secondary cable 600V T90 building wire #8 AWG CU PVCJ triplex cable. This cable is not available in copper. Please advise if 3x 1C#8 AWG RWU will be acceptable.** **Response:** The bonding cable is as specified on EL-1 (1/C - #3 AWG CU RW90 XLPEI PVCK 1000V)
18.	**Specifications**	**Please advise if there is existing site lighting to be disconnected and removed from site.** **Response:**

		Please refer to 2.18 o) remove and dispose (or salvage) existing light poles, arms and luminaires and 2.18 p) remove and dispose existing concrete light pole bases in Addendum #2.
19.	**Specifications**	**"ChargePoint EV stations installed by certified ChargePoint Installers (refer to specifications)" – I do not see any specifications indicated other the catalogue cut that is part of drawing EL-3. No list of certified installers is provided. Do these require a specific type of footing for support? Can a list of certified installers be provided?** **Response:** Concrete footing specification is attached. For a list of certified installers please contact ChargePoint.
20.	**Specifications**	**6'x6' pullbox (refer to specifications)" – The legend on the EL series drawings indicate that this to be a Utility Structures Inc. E-10B c/w E-12. The drawing only shows the E-10B foundation and not the E-12 lid which has an opening for a frame and cover. Please confirm if the frame and cover is to be included.** **Response:** The frame and cover is to be included.
21.	**Specifications**	**"600V 400A Schneider Electric I-line wall-mounted panelboard (refer to specifications) – quantity of 2" – There are no specifications provided for these. Where are these to be installed?** **Response:** This item has been removed from the quantity list.
22.	**Specifications**	**"600V 400A Schneider Electric I-line base-mounted pedestal (refer to specifications)" – I do not see any specifications indicated other the catalogue cut that is part of drawing EL-3. Are there any further details that can be provided?** **Response:** Please contact Schneider Electric regarding specific questions on this model.
23.	**Specifications**	**"Precast concrete base for pedestal (refer to specifications)" - I do not see any specifications indicated other the detail that is part of drawing EL-3. The detail is a poured-in-place pad, not a precast base. If a precast base is to be used, please provide acceptable manufacturers and the applicable part numbers.** **Response:** The pedestal is poured-in-place.
24.	**Specifications**	**"Supply and install double run of 2-#3/0 AWG Cu. RW90 cable" – Streetlight drawings list the pedestal feed cable as being 3-#2/0 AWG Cu. RW90. Please confirm the number of cables and the cable size.**

		Response: Upon further review this is to be a single run of 4/C 250MCM CU RW90
25.	**Specifications**	**"Supply and install metered pedestal" – Streetlight drawings list the pedestal as being a Pedestal Solutions Inc. SLT series complete with a PL27-TCV meterbase. Meterbases cannot accommodate parallel cables as listed in 5.2.2. Please provide clarification on the number of conductors required for the feed to the pedestal.** **Response:** Upon further review this is to be a single run of 4/C 250MCM CU RW90