

February 16, 2023

Ed Gazendam
Manager of Development
Water's Edge Environmental Solutions Team Ltd.



RE: Change Order for Stage 1-2 Archaeological Assessment, Rice Road/Highway 20 Storm Water Management Pond, Pelham. Project # 2022-0103

Dear Mr. Gazendam,

Archaeological Research Associates Ltd. (ARA) would respectfully like to take this opportunity to submit a change order to Water's Edge Environmental Solutions Team Ltd. for the Stage 1-2 archaeological assessment conducted in support of the design of the Storm Water Outlet Rehabilitation at the Rice Road/Hwy 20 Storm Water Management Pond. The study area is approximately 0.43 ha (1.06 ac) in size and located on part of Lot 161 in the Geographic Township of Thorold, former Welland County.

ARA has completed the test pit survey of the property presented in the original proposal, which resulted in the discovery of a single Indigenous site. This site can be recommended for Stage 3 in the forthcoming Stage 1 and 2 archaeological report. However, due to the low artifact yield currently identified at the site, ARA suggests that further intensification at the site location be conducted to obtain additional information and confirm its cultural heritage value or interest (CHVI). If the location continues to be low yielding there is potential that it will not meet Ministry of Citizenship and Multiculturalism (MCM) criteria for a recommendation of further work. If Stage 3 assessment is required, this work would aid in the formulation of an appropriate site-specific excavation strategy.

Based on the initial fieldwork productivity rates and deeper than anticipated soils, costs for an additional mobilization with a field crew of five crew members (1 Field Director and 4 Field Technicians) has been included in this change order request. ARA has further assumed, based on previous work conducted for the current project, that the engaged Indigenous communities (SNEC, MCFN and HCC) will participate during the proposed archaeological fieldwork.

It is anticipated that the draft Stage 1 and 2 archaeological report will be provided three weeks after fieldwork completion. The draft report will be presented to you for review in electronic format and upon approval, will be submitted to the engaged Indigenous communities for comment. ARA will request a review period of two to four weeks from the Indigenous communities depending on project timelines. Once all comments have been addressed, the report will be submitted to the MCM for Review and Entry into the Ontario Public Register of Archaeological Reports.

Please note, the turnaround time at the MCM is typically 25–30 business days, when a request for expedited review is made at the time of report submission. The request for expedited review would require a signed letter from the client describing the need for an expedited review and the desired review date. ARA can provide a sample letter prior to submission at no additional cost.

The total estimated cost for the additional fieldwork, laboratory analyses and reporting beyond the current scope of work can be found in Table 1. If the project takes less time to complete than estimated, cost savings will be reflected in our invoicing. ARA reserves the right to reallocate time as necessary to complete the project on time and on budget. This budget is in addition to the previously approved proposal amount of \$7,730.00 (+HST).

Table 1: Change Order for Stage 2: Site Intensification

| Water's Edge – Rice Road/Hwy 20 Storm Water Outlet Rehabilitation, Pelham Change Order – ARA Project # 2022-0103 | | | | | |
|---|----------------------|-----------------------|-----------------|----------------|------------------------|
| Activity | | Position | Number of Hours | Price per Hour | Total |
| Task 1 | Project Coordination | Operations Manager | 1 | \$125.00 | \$125.00 |
| | | Project Archaeologist | 6 | \$100.00 | \$600.00 |
| Task 2 | Fieldwork | Field Director | 10 | \$90.00 | \$900.00 |
| | | Field Technician | 32 | \$75.00 | \$2,400.00 |
| Task 3 | Cartography | Heritage Cartographer | 2 | \$75.00 | \$150.00 |
| Task 4 | Data Analysis | Laboratory Technician | 2 | \$75.00 | \$150.00 |
| Task 5 | Report Preparation | Technical Writer | 2 | \$75.00 | \$150.00 |
| Activity – Total | | | | | \$4,475.00 |
| Disbursements | | | | | |
| | | | Units | Unit Price | Total |
| Company Car Allowance (Daily Rate/Vehicle) | | | 1 | \$125.00 | \$125.00 |
| Disbursements – Total | | | | | \$125.00 |
| Stage 2 Intensification Change Order Total | | | | | \$4,600.00 +HST |

If you have any questions regarding this document, please contact our office at your earliest convenience.

Yours truly,



Paul Racher, MA, CAHP, RPA
Principal - Management and Senior Review