

Date: September 12, 2017
To: All bidders
Title: DETAILED DESIGN AND CONSTRUCTION ADMINISTRATION FOR THE RECONSTRUCTION OF REGIONAL ROAD 20 (WEST ST), IN THE TOWNSHIP OF WEST LINCOLN
Reference No.: 2017-RFP-19
From: Wei Chen (Tim), Purchasing Agent, ext. 3470

Note:

Niagara Region has determined that it is necessary to provide additional information relating to the above referenced Request for Proposal.

This addendum forms an integral part of the above referenced Request for Proposal. Such addenda may contain important information, including significant changes to the above referenced Request for Proposal.

In the Form of Proposal (Appendix B), bidders should confirm their receipt of all addenda by setting out the number of each addendum in the space provided.

Addendum No. 1

Questions and Answers

- Q1: RFP refers to requirement to review the Issued for Tender Drawings for the reconstruction of South Grimsby Road 5/ Regional Road 20 intersection. Can these drawings be made available?**
- A1:** The issued for Construction Drawings for the reconstruction of Regional Road 20 and South Grimsby Rd 5 contract 2016-T-114 has been added to FTP site.
- Q2. Appendix D refers to local sanitary and watermain to be replaced. Pleased define the extent of sanitary and watermain to be replaced. Can the plan and profile drawings for the sanitary and watermain be made available?**
- A2.** The sanitary and watermain shall be replaced from the east limit of contract 2016-T-114 to Wade Road. There are no existing drawing for these services.

Q3. Project Tasks 4 – Geotechnical TOR to retain sub consultant and pay for fees. The scope of services is not defined, and the TOR is not complete but the fee is to be included in the proposal submission. Can this item be made an allowance for pricing?

A3. The scope of the geotechnical requirement is defined in the sample Terms of Reference for geotechnical services. The consultant shall review this Terms of Reference as the requirements identified in the sample will be required for this assignment.

Q4. A two week extension is respectfully requested.

A4. No extension is allowed at this time.

Q5. Can you confirm page limits and text size etc. for Proposal submission sections as described in 1.8.4 ? (the description appears to suggest 2 # letter sized (Project Understanding/Project Team + 2 # 11 x 17 pages Work plan and schedule)

A5. There is no mandatory requirement for page limits and text size. The size indicated in the document is only recommended, but not mandatory.

Q6. The Marking Criteria in RFP- Appendix D Page 36 has marking for past experience on similar projects – can the submission include Appendices for Staff resumes and project experience sheets?

A6. Yes.

Q7. Can you confirm if this RFP is subject to usual Region roster terms and conditions?

A7. This is not a Roster RFP.

Q8. As noted under the background of the project on Page 27 of the RFP, it notes the preferred recommendation includes the need for replacement of existing local watermain and sanitary sewer. However, this is not listed as part of the Project Tasks. Please confirm if work for watermain/ sanitary is required as part of this project.

A8. Yes this is a requirement of the design assignment.

- Q9. For the roundabout design, please confirm that all additional traffic study required to complete the design should be included as part of the work.**
- A9.** All required traffic studies, counts, investigations, etc. are deemed to be included in the proponents bid. There will be no additional compensation for extra work relating to the roundabout design.
- Q10. Please confirm scope of electrical work, which include design of new signalized intersection. Please confirm any work required for illumination?**
- A10.** The RFP identifies the need for detailed design for roadway lighting from and including S Grimsby Rd 6 to West St, and a new signal at West St and Griffin St. The Region will design and provide quantities and specifications for the traffic signal, this will be included in the tender documents. All roadway lighting requirements shall be provided by the proponent.
- Q11. Please confirm requirements for landscaping design.**
- A11. The successful proponent shall prepare a landscaping and irrigation plan including full landscaping details for the roundabout area. It is expected that the Consultant will be required to work with the Township staff to ensure that landscaping and irrigation needs are fully understood and reflected in design.**
- Q12. Can the Region provide a copy of the topographical survey completed during the EA process in order for us to assess the level of effort that is required for the detailed design phase.**
- A12.** It has been added to FTP site.
- Q13. Street lighting - will Region still mount luminaries on existing/relocated hydro poles where possible or will new Region poles be required along the whole 2km?**
- A13.** Please review the link to the Regions Roadway lighting standards
<http://www.niagararegion.ca/business/tenders/compliance-with-standards.aspx>
- Q14. Traffic signals – will Region be undertaking the Traffic Signal design for West St/Station St?**
- A14.** The Region will complete the design of the new traffic signal and provide the tender drawings, specifications and quantities relating to the new signal. The successful proponent will include these drawings, specs and quantities in their complete tender package.

Q15. Design sheet - can the design sheets be provided for the signalised and roundabout intersections?

A15. no design sheets currently exist for these intersections.

Q16. Geotechnical – was any contamination found /disposed of during recent works on the reconstructed section of RR20 within the RFP project extents?

A16. The geotechnical Terms of reference cover the requirements for establishing the presence of contaminated material. There was section found in the recent construction of S Grimsby Rd 5.

Q17. Appendix D Item 8 – will Region create an allowance item (for fair pricing purposes) for storm sewer investigations as this is an unknown at present?

A17. We cannot create an allowance. The known storm sewer outlets are established, and the drainage areas will be slightly different from pre to post construction. New storm sewers will be required to drain the new urban road cross section.

Q18. Is lighting design required for the entire length of the project?

A18. The street lighting design is the entire stretch on the limits identified in the project. Please refer to the link below for the Regions Roadway lighting standards. (<http://www.niagararegion.ca/business/tenders/compliance-with-standards.aspx>)

Q19. Although we recognize the critical project timeline, we must ask would the Region consider a one week extension to the submission deadline?

A19. No closing date extension shall be permitted at this time.

Q20. Section 6.1.11.3 of the ESR indicates that new storm sewers are required for the urbanization of RR20 between South Grimsby Road 6 and Wade Road and that this new sewer system will outlet to the existing sewer west of South Grimsby Road 5, which ultimately outlets to an existing SWM Facility. Please provide the existing drainage area plan and any storm water management reports for the sewer system and the downstream SWM facility.

A20. Since the detailed design has been completed for the S Grimsby Rd 5 intersection, these drawings can be used to assist in designing the required storm sewer. There is a newly construction 900mm dia storm sewer installed east of Streamside Dr. This will be your limiting factor for determining the storm sewer capacity west of S Grimsby Rd 5. There is an existing road cross culvert (CSP fairly large size to be determined in field by consultant) that was recently

replaced 2-3 years ago by the Region that may be suitable for the storm sewer outlet for the section east of S Grimsby Rd 5. Also please review the issued for construction drawings for the S Grimsby Rd 5 intersection reconstruction to ensure you are familiar with the storm drainage for this work. Please see attached map of the approx. location of the CSP east of S Grimsby Rd 5.

Q21. Archaeology Stage 2 – with the recent works on the reconstructed section adjacent to South Grimsby Rd 5 and new sub-division and school developments alongside the road, has further Stage 2 investigations been undertaken, are any reporting available? and is the extent of investigations identified in the Stage 1 Report now reduced?

A21. A stage 2 archaeological investigation was completed for the recent works. It is not available for viewing. The scope of the Stage 2 required for these proposed works associated with 2017-RFP-19 shall be determined by the consultant. Review the ESR and potentially consult with the MOECC, if required.

Q22. The RFP states that the “Stage 2 assessment will require involvement from the Aboriginal community. The Aboriginal community protocol shall be followed as identified in project specific task...” Upon review of the RFP, we were not able to find the protocol. Can the protocol be provided?

A22. The MOECC requires that the aboriginal community be provided the opportunity to participate in Archeological Assessments. The successful proponent shall establish 3 different methods of contact with affected native communities and ensure these are documented. If the community requires time to be spent reviewing the document then the consultant shall make time to review the document with the community. For the field investigations, your licensed Archaeologist, shall notify the affected communities of any field work, and provide access to the site. Any fees incurred by the consultant or their subs shall be deemed part of this assignment, and fees required by the native communities shall be covered directly to the community by the Region.

Q23. Under Appendix “D”- RFP Particulars – Project Tasks # 3 indicates “A total station survey of existing conditions is to be completed.....”

a. “To extend from 200m west of S. Grimsby Road 5 to the intersection of RR20 & RR14.” If the intersection of R.R20 and S. Grimsby 6 is to be reconstructed as a roundabout, should the requirement not read “200m west of S. Grimsby Road 6”?

b. “The survey shall also include the full length of Wade St.” Request clarification on the limits. Does the full length extend from RR20 (West St.) south to RR14 (Smithville Rd.) including the pedestrian bridge?

A23. a) Appendix D – RFP Particulars, item #3, The Survey shall extend from 200m west of S. Grimsby Rd 6, not S Grimsby Rd 5.

b) The full length of Wade St does not include the pedestrian bridge, just the travelled right-of-way.

Q24. Presently there is a School Crosswalk on RR20 (West St.) adjacent to Saint Martin of Tours Roman Catholic Church which has overhead amber flashers. Is it the Region's intent to replace this traffic control device under this project with the new Pedestrian Crossover – Mid Block (2 Lane, 2way) application?

A24. It is unclear at this stage if this school crossing will be reconstructed or relocated. Any works associated with this crossing will be completed by the Region and the specs, quantities and detailed drawings will be provided to the consultant to include in the final tender package if any works will be completed.

Q25. The RFP indicates introduction of roadway lighting on the newly constructed urban roadway cross section. Should the Consultant assume this lighting will be LED cobra type lighting at the RR20 and S. Grimsby 6 roundabout and the section of roadway easterly to RR14 (Station St.)? Since the signalized intersection on RR20 (St. Catharines St.) & RR14 (Griffin St.) has decorative Black signal equipment and LED Cobra luminaires, is there a requirement to use the same decorative type of equipment at the RR20 (West St.) & RR14 (Station St.) traffic signal?

A25. Street lighting shall be designed in compliance with the Regional Roadway lighting standard. This standard can be found using the following link, <http://www.niagararegion.ca/search/default.aspx?TextBox1=roadway+lighting>. The colour of the traffic signal poles has no impact on the design of the traffic signal or roadway lighting. At this stage the decorative direct buried concrete poles used for roadway lighting on Station St will not be used in this project.

Q26. Presently there is a school crosswalk on RR14 (Station St.) approximately 30m north of RR20 (West St.). Will this school crosswalk be removed as part of the reconstruction project and the crossing be incorporated into the signalization of the intersection of RR20 (West St.) & RR14 (Station St.)?

A26. This has not been discussed at this time, but is a viable option.

Q27. The east approach of the proposed signal at RR20 (West St.) & RR14 (Station St.) is a private driveway. To properly implement the provisions of AODA, will the Region want this entrance be constructed as typical intersection approach with curb radii outlining the entrance, painted crosswalk with audible pedestrian signal and head indications?

A27. This entrance will not be a fourth leg of the intersection. It will be a private driveway with a curb depression similar to what is on site now.

Q28. With respect to RFP Appendix D item 15, Can the Region expand on what the Region's arborist visual tree inventory will consist of (e.g. photo log of all trees along the corridor, report)? Given the unknowns for the proponent to undertake their own tree inventory and provide pricing, would the Region consider establishing a tree inventory contingency allowance of \$12,000?

A28. The regions Arborist will provide a list of trees that will need to be removed for a variety of reasons. The consultant shall identify the impact trees that are affected by the design. There will be no allowance provided for this task, all costs shall be included in price.

Q29. Similarly, should Species at Risk (SAR) nests be discovered would the Region consider a contingency budget of \$5,000 for registration and preparation of mitigation plans?

A29. No allowance shall be provided for these tasks. The consultant shall thoroughly review the EA and associated appendices to following understand the requirements.

Q30. Can the Region confirm that the proposed widening will not affect the floodplain of the Twenty Mile Creek and no hydraulic assessment of the creek will be required to assess the impacts of the proposed widening on the existing floodplain limits of the creek?

A30. The consultant is advised to review the EA, and identify in the proposal if a hydraulic assessment will be required. If it is required then the costs associated with this task shall be included in the base price. The road reconstruction is not likely to impact the flood plan, but the sidewalk design will likely have an affect, please review the documents thoroughly.

Q31. The ESR mentions (meeting minutes- Appendix G) that storm sewer will be built in 2016 along the Regional Road 20 between South Grimsby Road 5 and 6 and conveyed to the pond located south of the Regional Road 20. Can the Region clarify that the proposed widening will not affect the existing pond and no additional assessment of the existing pond will be required?

A31. Please review the Issued for Construction drawings to familiarize themselves with what is in place now. The storm sewer design will need to work with the existing infrastructure that outlets to the pond, and no assessment is anticipated.

Q32. Can the Testing and Inspection budget during construction be considered a provisional item or an allowance set by the Region?

A32. Contract Administration costs shall be provided in the proposal. These costs will form part of the cost evaluation, but only the design portion will be awarded at this time. The testing associated with the construction will be paid by the Region directly to the material testing firm.

Q33. Can the Region provide the limits, existing plans and information including plan-profile for the following:

- a. Stormwater system**
- b. Sanitary forcemain**
- c. Watermain**

A33. a. Stormwater system – no there is limited info, except the issued for construction dwg
b. Sanitary forcemain – There should be no impact on the sanitary sewer forcemain. Locates can be ordered to determine exact location in the field, as this is actually part of the survey Terms or reference.
c. Watermain – The issued for construction drawings show the location of the new w/m. the design shall utilize this info with field locates to determine the new alignment.

Q34. The ESR Document provided did not address sanitary force main and watermain. Has there been any studies or reports generated recently on those services within the project limits?

A34. There is no proposed work on the sanitary sewer forcemain. The up sizing of the watermain and sanitary is due to the proposed development. The township does have a servicing master plan that was completed, and can be used by the successful consultant.

Q35. Can the Region elaborate on coordination, commissioning and testing requirements relevant to this project?

A35. The inspection and Ca shall assist in this process with the contractor and Township to ensure all requirements are met in the field for commissioning.

Q36. Would the Region consider extending the proposal due date to give consultants adequate time to receive and review the information and clarifications?

A36. No extension shall be granted.

cc: File, as referenced above.
Project Manager: Mike Wilson

End of Addendum



LOCATION OF
EXISTING CSP
POSSIBLE STORM
OUTLET

West Lincoln
Arena &
Community
Centre

West Lincoln Arena

Saint Martin of Tours
Roman Catholic Church

Google