

Addendum 2



The Corporation of the Town of South Bruce Peninsula

RFP 19-22

Engineering Services for Berford, Elm, Gould, Brown, Mary, Division Streets, and Pengally Avenue

Addendum 2

May 31, 2019

This addendum forms part of the bid document for RFP 19-22 for the above noted project and shall be read in conjunction with the bid document, posted May 17, 2019. The following revisions supersede the information contained in the bid document issued for the above-noted project to the extent referenced and shall become part thereof.

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1. Would the Town accept a sub-consultant carrying \$2 Million professional liability if the prime consultant is carrying the required \$5 Million?

No, all consultants must carry the stated insurance levels.

2. Schedule "C" of the Engineering Agreement as appended to the RFP wants the consultant to sign off on being the "constructor" and being responsible for work area safety. It is our understanding that we are not a "constructor" and during construction the Contractor is the responsible party. We of course do recognize our responsibility to ensure our employees conduct themselves in a safe manner and adhere to the applicable parts of the OH&SA. We could sign off on a similar OH&S form appropriate to our sector. Will that be acceptable to the Town?

There will be an appropriate form in the final Engineering Agreement.

3. What is the anticipated deadline for ICIP funding, if the Town's application is successful? Is it October 2026?

**For the ICIP funding, the grant application guideline advises that:
"Applicants will be notified of the federal funding decision in the summer/fall of 2019 (estimated). Projects must be completed by October 31, 2026."**

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4. To help with putting a schedule together, please tell us what period of time half-load limits normally applicable to the local streets? To May 15?

The half-loads season varies from year to year, however in general, half-loads are in effect from March 1 through to April 30.

5. Also, does the town has ECA or C of A for existing storm and sanitary sewers on all streets?

The Town has a C of A for the Sanitary system, however, there is no C of A or ECA for the entire Storm system. Previous ECAs and C of As have been for the construction of extensions or replacements of the existing system.

6. Has any preliminary consultation by TSBP been undertaken with GSCA, MNR or DFO about permit requirements concerning the water course to define the scope of services?

No.

7. How many PIC and council presentations are required to be included in the bid price? Ref: page 15, Item 1 (a) of RFP.

It is envisioned that one PIC per construction phase will be required, except for Berford Street, which shall have two, due to the high-profile of the project.

8. Please clarify the 5th meeting on page 16 of RFP under item 4 (b). Only 4 meetings are outlined.

The 5 technical meetings shall be at the following milestones:

- **Project initiation**
- **Upon completion of background review and information gathering**
- **50% completion**
- **75% completion**
- **90% completion.**

9. Please elaborate on “15% administrative time prior to Substantial Performance of the work” as specified on page 18 of RFP. What is it for?

For clarity, this sentence should be removed; construction monitoring time shall be based on the stated assumed construction times; in addition to inspecting the construction activities, the Consultant shall provide for sufficient and timely administrative effort within the proposal fee estimate to ensure that adequate records are kept and support is provided to manage the project.

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10. There are inconsistencies between the text in Section 1.1 and Figure 1 relating to the limits of Gould Street and Division Street.

Figure 1 was revised as part of Addendum 1.

11. Section 1.1 indicates the work includes Pengally Avenue, but Figure 1 seems to show it also includes McNaughton Street from Pengally Avenue to Mary Street. Please clarify.

Figure 1 shows the project limit extending onto McNaughton as the Town does not have record drawings for the southmost end of McNaughton. It is not envisioned to do any major reconstruction on McNaughton beyond the intersection of McNaughton and Pengally; the purpose of any construction on McNaughton would be just to tie into existing services.

12. Please clarify if a meeting with contractor(s) is required, despite a comprehensive geotechnical investigation.

Yes. The Town is expecting the Consultant to manage the project, and as part of that, at minimum, a pre-construction meeting with the contractor will be required. Depending on the complexity of the phase of construction, a mandatory site meeting as part of the Tender process may also be required.

13. What spacing of boreholes should be used along the streets; e.g. 50m or 100m apart?

The Geotechnical investigation will be scoped by the consultant and shall be sufficiently thorough to make recommendations and inform the final detailed design.

14. Are we to carry a fixed allowance for geotechnical investigation and report? The selected consultant can invite 3 quotations and recommend the geotechnical consultant to be hired by the Town of South Bruce Peninsula. Can you specify the allowance for material testing, compaction tests, etc. to be carried in the cost proposal?

The Consultant shall carry a \$100,000.00 geotechnical allowance for the project. The Consultant shall be responsible for defining the scope of the geotechnical investigation and obtain quotations for the work as per the Town's purchasing policy.

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15. For establishing depths of boreholes, can you provide the anticipated deepest invert of the sanitary sewer for each block of roadway. Do you have an existing sanitary sewer plan for the Town that provides inverts that you can share at this time? What is the anticipated depth of the inlet sanitary sewer to the new sewage pumping station?

We do not have a comprehensive sewer map that shows this information. However, the above-mentioned \$100,000 geotechnical allowance should make this concern irrelevant at this time.

16. Are there already existing geotechnical investigation reports for any of the proposed works that would limit the extent of investigations required as part of this new assignment? If so, can that information be shared at this time?

There is one existing borehole record for Brown Street between Frank and Mary Street. However, the above-mentioned \$100,000 geotechnical allowance should make this concern irrelevant at this time.

17. The Contract Administration task requires "...undertake materials and quality testing." Please confirm this is to be part of the engineering proposal. Does the Town have specific testing and frequency of testing criteria to help pricing of this task?

Material and compaction testing will be scoped by the consultant, however, the expense can be borne by the Contractor as part of the construction tender.

18. Where bedrock is encountered, are the boreholes to be cored to the anticipated invert depth of the sanitary sewer?

No. Only a few cores are expected to be required below the top of the bedrock, in order to determine a reasonable representation of the sub-surface conditions.

19. Do you require separate geotechnical investigation reports for each of the seven projects you identify on page 18 of the RFP?

No. They can all be in one.

20. Is the 2019 geotechnical investigation to include all of these seven projects (and the new SPS) in 2019, or only the established priority projects with the remaining geotechnical investigations to be completed in a subsequent year?

The exact scheduling is up to the Consultant to decide, however it is expected that all of the investigation(s) shall be complete in time to finalise the design (i.e. the recommended pavement structure, any bedrock construction

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conditions, etc.). It should be noted that it is expected that the consultant shall do the investigation in the most economically responsible way.

21. Has CCTV of the sanitary sewer been completed already by the Town? Where it has not been completed, will the Town complete the CCTV?

The Town intends to carry out a comprehensive sewer inspection contract in early 2020.

22. Has CCTV of the Berford Street storm sewer been completed, or will it be completed by the Town?

CCTV was conducted in 2016, however, it is incomplete due to heavy debris in the pipes. The majority of the pipe condition has been recorded as “poor”.

23. Does the 30 page limit for the technical part of the Proposal exclude information that can be appended (CVs, information on the subconsultants and their CVs, project profiles, etc.)? Is the Work Plan tabular summary (which will be multiple pages long) part of the 30 pages or can it be appended to the proposal?

The Work Plan table, CVs, and Corporate information may be included over and above the page limit.

24. We assume any OLS surveyor work needed to establish the limits of the new SPS property, or to help establish the limits of the road allowances, would be paid directly by the Town and are not to be included in the engineering services proposal. Please confirm.

Yes. The Town shall be directly responsible for land acquisition and severance, along with any associated survey and consulting fees related to this item.

25. We assume streetscaping will be limited to decorative lighting, benches, trash cans, and other such amenities, but that there will be no need for a landscape architect's involvement. Please confirm.

Correct. The intention is to implement the design features in the existing downtown streetscaping study, available on the Town's website under the [Wiarton Streetscape Project](#).

26. Who will be responsible for preparation of any required detour plans and their submission to the Road Authority (MTO or County) for Permits?

The detour plans and permit application process shall be coordinated between the Consultant, the Contractor, and the Town.

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27. We assume there is no requirement for a traffic impact study. Please confirm.

Correct. However, the Consultant shall determine whether a full set of traffic signals are necessary on Berford at George Street, and will ensure that the signal timings are coordinated and that the intersection geometry is appropriate on Berford Street.

The Consultant shall also be responsible for preliminary traffic accommodation and detour planning in order to strategise the construction staging of the Berford Street project.

28. Electrical engineer has asked a question about traffic lights at the intersections. I assume that it will not be upgraded or modified but can you confirm that please? If upgrades are needed, then what will be involved?

See above. It is expected that there will be some traffic signal work as well as signal timing coordination work, however the Consultant shall determine to what extent modifications are necessary.

29. On page 16 it says “Explore the viability of alternatives to replacement, such as but not limited to, trenchless rehabilitation.” Can you clarify to what extent alternatives are to be explored, and if there are specialized equipment, contractors or studies required that would be extra to the proposal price.

Due to the poor condition of the existing infrastructure and the expectation that capacity upgrades will also be widespread, the reuse of existing infrastructure is unlikely, however, the Town does not want to rule out trenchless rehabilitation as a potential cost-savings measure if it is deemed an appropriate solution. Examples: CIPP sewer relining, manhole grouting, etc. If in the process of information gathering and design, the Consultant determines that several segments of the infrastructure proposed for replacement could be rehabilitated, for example with Cast-in-place pipe (sewer relining), it may be more cost-effective for the Town to call a relining contract as opposed to replacing these runs. If this were the case, the relining contract would be administered by the Town itself and would not be the responsibility of the Consultant, except for coordinating with the Town’s other project(s).

30. On page 17, Item 5f) indicates “life cycle” costs are to be included. Can you provide clarification on what your expectations are for this?

The Consultant shall provide Tangible Capital Asset information (asset cost and useful life information) in a tabular form for integration into the Town’s Asset Management system.

It should also be noted that the consultant shall perform basic cost-benefit analyses for selection of materials and components to be used on the project

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in order to ensure the Town is realizing maximum value for cost over the long term.

31. Will downtown business core include storm service connections for those buildings, to provide an outlet for roof leaders? Is the engineering assignment to include investigating the buildings to establish the presence, size and location of those connections?

Yes, the Town has reason to believe that the downtown core is a significant contributor to extraneous flow in the sanitary system. As such, storm leads are to be provided for roof leaders. The Town should have some information to assist in this effort, but the consultant may need to provide some field truthing and investigation to confirm.

32. Is Hydro One the local utility for the town, and has Hydro One been informed about this project?

Yes, Hydro One is the local utility. No, they have not been made aware of the project yet.

33. If Hydro One is the local electrical utility, will they prepare the design drawings to place their overhead plant underground? Also, is the Town responsible for Hydro One's engineering fees?

Yes. The Town shall be responsible for any fees to Hydro One directly.

34. Will all the streets require overhead wires to be relocated underground, with coordination with Hydro One?

No, just Berford Street.

35. Are we to coordinate with the other utilities (communications) for the relocation of their plant underground?

Yes.

36. Does the Town have a system integrator for the PLC work at the new Sewage Pumping Station (SPS)?

If necessary, system integration for this project can be sub-consulted, but a PLC and SCADA system is required.

37. Does the Town have an existing SCADA system to control and monitor the new SPS? Is there capacity to monitor the new SPS? If the Town does not have a SCADA system, will an autodialler be acceptable?

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The Town currently has SCADA at various components of the wastewater treatment and collection system. It is intended for the new SPS to have SCADA as well, and intelligently integrate with the existing SCADA system.

38. What will be the type of sewage pumping station i.e. drywell/wetwell or wet well with submersible pumps. Will the SPS require an outdoor standby diesel generator?

Standby power will be needed. The pumping station design is also required as part of the proposed work, therefore it will be up to the Consultant to propose the type of pumping station, keeping in mind considerations such as, but not limited to, efficacy, capacity, ease of maintenance, and cost.

39. What are the expected flows for the new SPS?

While the approximate flows are listed in the Master Plan, the consultant will be required to validate the expected flows through the course of their design.

** Please Note: This addendum notice must appear with your proposal submission.

Signature of Bidder

Company Name

Name of Bidder (Please Print)

Date