

SCHEDULE FOUR

TECHNICAL EVALUATION CRITERIA

1. OVERVIEW OF THE TECHNICAL EVALUATION CRITERIA

An overview of the Evaluation Criteria is provided in Section 7 of this RFP.

This schedule details the Evaluation Criteria which will be applied to the Technical Proposal. These Evaluation Criteria correspond to the Technical Proposal Submission Requirements detailed in Schedule Three.

There will be a two-stage Proposal evaluation process consisting of a preliminary screening review for general compliance with the Functional Requirements followed by an in-depth detailed review.

2. PRELIMINARY SCREENING REVIEW

Members of the Evaluation Committee will review all Technical Proposals submitted by the RFP Proponents. The Evaluation Committee will determine whether the submission conforms to the Functional Requirements on a “Pass/Fail” basis.

The Evaluation Committee’s mandate is to guide the RFP Proponents through the process of clarifications and rectifications to achieve an acceptable Technical Proposal that meets the Functional Requirements. This process does not relieve the RFP Proponent from the requirement to submit a complete and thorough Technical Proposal.

If a RFP Proponent does not, in the opinion of the Evaluation Committee, submit a conforming Base Case Proposal, the Proposal, including any Alternate Proposals, if any, will be rejected and will not be considered further in the evaluation process.

If an Alternate Proposal is submitted, the Evaluation Committee will determine:

- (a) whether the Alternate Proposal is potentially acceptable to the Province; and
- (b) whether the Alternate Proposal can be generally evaluated using the existing evaluation criteria outlined in Section 4 of this Schedule or new or modified evaluation criteria. If the Alternate Proposal requires a different technical evaluation criteria, then the Province may develop new or modified, technical evaluation criteria appropriate to the RFP Proponent’s design concept and comparable to the evaluation criteria outlined in Section 4 of this Schedule. By submitting their Proposal the RFP Proponents accept that, in the case of Alternate Proposals, the Province may adjust the Evaluation Criteria as it deems necessary in order to assess the benefits of Alternate Proposals.

Subcommittees will be established to evaluate each of the key designs/plans identified in Section 4 of this Schedule. The Evaluation Committee may call on additional external expertise to supplement the capabilities of any subcommittee, as it deems appropriate. Each member of a

subcommittee will independently evaluate the submitted design/plan against the generic criteria listed and any specific criteria appropriate for the plan and the RFP Proponent's design concept. The subcommittee will then meet to establish a common set of requests for clarifications or rectifications to be communicated to the RFP Proponent for resolution.

After outstanding information requirements have been resolved and subcommittee concerns addressed by the RFP Proponent, to the unanimous satisfaction of the subcommittee, then the design/plan will be awarded a preliminary "Pass". For a RFP Proponent's Technical Proposal to be accepted it must pass each of the individual criterion.

3 DETAILED REVIEW

The detailed review process will be conducted in a similar manner to the iterative preliminary screening review process described above but in greater depth with an emphasis on detailed compliance with the Functional Requirements.

The Evaluation Committee will not be conducting detailed design analysis or verification of the Technical Proposals submitted. It will conduct high level reviews to confirm the practicality and reasonableness of the proposed solution for evaluation purposes only. The RFP Proponents retain full responsibility for the adequacy of all aspects of their designs and Proposals.

The Evaluation Committee will evaluate all Base Case Proposals and any Alternate Proposals against the generic criteria set out in this Section and design/plan specific technical evaluation criteria set out in Section 4 of this Schedule.

Technical Proposals will be evaluated on the basis of the information requested under Schedule Three Technical Proposal Submission Requirements.

The Technical Proposal will be principally evaluated for compliance with the following generic criteria:

- (a) Use of proven technologies, methods and materials which have been demonstrated to be successfully applied for similar applications.
- (b) Materially compliant with the Functional Requirements.
- (c) Consistency with generally accepted Canadian engineering, construction, operations and maintenance practice.
- (d) No material oversights or omissions.

4 EVALUATION CRITERIA

The Technical Proposal should be concise and complete and not exceed a total page limitation of 135, 8 ½ x 11 single sided pages, double spaced with Arial 11 font (excluding drawings and other documentation specifically identified). Covers, table of contents and section dividers are excluded from the page count. Each Alternate Proposal should also be limited to these same page number constraints.

The recommended maximum page numbers, included in brackets, for each of the submissions listed below is included to give guidance as to the anticipated level of effort. The RFP

Proponents may choose to provide differing levels of detail for different submissions. However, the review process will be conducted on the available material for each submission. If the total page limitation is exceeded the Evaluation Committee may choose which pages to disregard.

Each of the following designs/plans will be evaluated using the generic criteria described above. In addition, each design/plan will be evaluated against the primary design/plan specific criteria listed below:

- 1) **Project Team** (10 pages excluding resumes and organization charts) is composed of corporate Team Members and individuals who have proven capabilities to execute and deliver on a timely basis the Project and Services.
- 2) **Schedule** (2 pages excluding Proponent Schedule) meets the Project Schedule using reasonable activity durations for, at least, the activities listed in Section 4 of the Technical Proposal Submission Requirements, with due consideration of the maximum staffing that can be applied to the work areas, multiple/extended shifts, practical timelines for Approving Agencies etc. without adversely impacting on those outside the Concession Highway Land.
- 3) **Project Design Concept** (10 pages) in and of itself, is based on proven technologies, methods and materials which have been demonstrated to be successfully applied for this application and compliance with the Functional Requirements.
- 4) **Design Criteria** (20 Pages) (including wave climate) is sufficiently detailed and demonstrates that the design concept complies with mandatory applicable codes, standards, and specifications and clearly identifies any deviations from reference only standards, specifications, manuals etc.
- 5) **Structural Design** (10 pages) demonstrates that member stresses are within allowable limits and foundation/pile loads do not exceed allowable foundation capacities as stated in the geotechnical section of the Technical Proposal Submission Requirements.
- 6) **Geotechnical Design** (5 pages) demonstrates consistency with the detailed geotechnical requirements in the Functional Requirements.
- 7) **Roadway Design** (including Design Safety Performance Analysis) (5 pages) is sufficiently detailed and demonstrates that the design concept complies with mandatory applicable codes, standards, and specifications and clearly identifies any deviations from reference only standards, specifications, manuals etc.
- 8) **Electrical Design** (including utilities) (2 pages) is sufficiently detailed and demonstrates that the design concept complies with mandatory applicable codes, standards, and specifications and clearly identifies any deviations from reference only standards, specifications, manuals etc.
- 9) **Aesthetics Plan** (2 pages) is submitted that demonstrates an intention to follow the Provincial guidelines and is pleasing and consistent with the local environment.

- 10) **Right of Way** (2 pages) shows that the RFP Proponent has the right to acquire any land outside the Proposed Right of Way on or before Financial Close.
- 11) **Construction and Decommissioning Plan** (10 pages) is based on the use of proven technologies, methods and materials which have been demonstrated to be successfully applied for this application and compliance with the Functional Requirements. For any novel approaches outside of generally accepted engineering practice in Canada, successful relevant example projects in a similar environment utilizing the novel approach must be identified.
- 12) **Traffic Management Plan** (3 pages excluding drawings) complies with Appendix 1 to the Functional Requirements.
- 13) **Environmental Plan** (5 pages) follows a rational phased approach to testing/sampling/analysis/studies, development of documentation and negotiations required to obtain all necessary environmental permits, licenses and approvals in a timely manner consistent with the Proponent's Schedule requirements to achieve the Project Schedule.
- 14) **Operations and Maintenance Plan** (10 pages) meets Section 13.2 of the Functional Requirements, is structured to be ISO certifiable, and includes example processes and work plans to demonstrate the RFP Proponent's understanding and approach for the range of services required.
- 15) **Asset Management Plan** (10 pages) including service life and durability, meets Sections 4.5 and 13.2 of the Functional Requirements, is structured to be ISO certifiable and includes example processes and work plans to demonstrate the RFP Proponent's understanding and approach for the range of services required.
- 16) **Technical Risk Management Plan** (5 pages) includes industry accepted processes such as HAZOP, FMEA, RFP Proponent's proprietary processes etc. to systematically identify, prioritize and address risks to the Project and identifies the contingency/mitigation plans to address the three Project risks the RFP Proponent considers most significant.
- 17) **Quality Management Plan** (10 pages) meets Section 9 of the Functional Requirements for design/construction and operations, maintenance and asset management.
- 18) **Safety Plan** (5 pages) is consistent with industry standard practices for a safe work environment and will comply with WCB regulations.
- 19) **Project Deliverables Plan** (3 pages excluding list) is complete i.e. includes all documentation listed in the Functional Requirements, the planned first issue and frequency of planned or anticipated revisions.
- 20) **Communications Plan** (3 pages) is complete and meets the Functional Requirements.
- 21) **Labour Relations Plan** (3 pages) is complete and meets the Functional Requirements.