



QUESTIONS AND ANSWERS

Question #1

The M3 Mandatory requirement of 5 years continuous coastal flood modelling in Canada appears to be rare in the market, which could potentially eliminate much of the competition. Would NRCan continue allowing one of the following options to allow for a more fair and equitable procurement, and to bring best value to Canada:

- a. Open up to US coastal flood modelling experience, in addition to Canadian coastal flood modelling experience, to be able to offer a specialist with both Canadian and related US FEMA experience sought more generally in the RFP; or
- b. Allow coastal flood modelling to include modelling of related coastal hazards – all in Canada, as in the case for FEMA for which coastal hazards include coastal erosion, structural integrity and accreditation for flood control, and how these affect the coastal flooding, and more recently sea level rise; or
- c. Allow for both coastal flood modelling and coastal engineering design to satisfy the M3 requirement for continuous Canadian experience by a single professional, recognizing that industry specialists typically undertake coastal flood modelling and coastal engineering design as consecutive tasks for major projects.

Answer #1

General answer:

The M3 mandatory requirement is revised as follows, recognizing non-continuous experience (minimum 5 years in total) within the previous 10 years:

The Bidder **MUST** propose up to five (5) additional resources, and demonstrate they have each a minimum of 5 years of **continuous** experience within the previous 10 years of the bid solicitation closing date, in the following areas of expertise:

- Hydrological and hydraulic modelling for fluvial/riverine flooding in Canada
- Hydrological and hydraulic modelling for pluvial flooding in Canada
- Coastal flood modelling in Canada
- Climate modeling in a flood hazard mapping context
- Geospatial data analysis in a flood hazard mapping context

All areas of expertise **MUST** be covered by the team of additional resources. Different resources can be used for each of the five areas of expertise. One resource can combine multiple areas of expertise if it can be demonstrated that the resource meets the minimum experience requirement in each area.

The bidder **MUST** provide the résumé, which demonstrates the required experience of the resources proposed, including relevant project descriptions and their role & responsibilities in these projects. The bidder should **clearly indicate** the relevant areas in the resource's CV which correspond to the criteria described. The bidder should clearly identify which area of expertise is covered by which resource.

Specific answers to sub-questions a), b) and c):



- a) Only coastal flood modelling experience in Canada will be recognized. It can be noted that experience on large lakes (i.e. Great Lakes) or large rivers (i.e. parts of the St. Lawrence River) can be counted towards coastal flood modelling experience if coastal flood modelling processes, methods and approaches were employed in the process of evaluating flood levels and extents.
 - b) Experience recognized for coastal flood modelling in Canada can include modelling related to coastal hazards, if there is a clear indication that coastal flood models were developed as part of the process to evaluate flood levels and extents.
 - c) Experience in coastal engineering design in Canada will be accepted if there is a clear indication that coastal flood models were developed as part of the process to evaluate flood levels and extents.
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Question #2

We respectfully request an extension of 2 weeks from Tuesday October 3 to Tuesday October 17 to allow time for preparation of the best quality proposal for Canada. Since the RFP was issued on August 31, much time has been required to verify that we meet all of NRCan's mandatory and point-rated criteria in this RFP. A 6-week federal proposal turnaround is typical of more complex national RFPs such as this one.

Answer #2

The closing date of October 3, 2023 is currently maintained for this procurement process.
