



Materiel and Procurement Services  
200 Kent Street, Station 9W079  
Ottawa, Ontario  
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**F5211-150416**

**October 13, 2015**

**Subject: Invitation to Tender: F5211-150416**

**Title: Geotechnical Study at the wharf in Percé (Gaspesia) Quebec**

**ADDENDUM: NO. 01**

Further to the above mentioned Invitation to Tender documentation previously posted on the Government Electronic Tendering Site (GETS), BuyandSell.gc.ca, Addendum #01 is hereby issued.

**Department of Fisheries and Oceans**

**Bid Closing Date: Thursday, October 15, 2015**

**Time: 14:00 Hours (2:00 pm) Eastern Daylight Time (EDT)**

**RFP File No: F5211-150416**

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## **QUESTIONS and ANSWERS**

### **1. Question from Bidder:**

In our opinion, it is not possible to drill at low tide drilling F-3, F-4 and F-5. Moreover, it is impossible to drill cantilever if the wheels of the truck or trailer are not against on the wheel guard.

You specify a minimum distance of 2.5 m from the wharf side and a maximum pressure of 6 kPa. What predominates? Is it possible to apply 6 kPa immediately behind the wheel guard?

### **DFO Answer 01:**

Bore holes F-3 F-4 and F-5 can be made with the machinery directly pressed against the wheel guard. Bore holes F-7 F-8 and F-9 must be made respecting the distance of 2.5 m from all wharf walls because there is loss of fill under the slab near the walls, past beyond the chaining 0 + 110 m . For this reason bore hole F-9 could be moved or canceled. All holes must respect the maximum permitted load of 6 kPa (F-1 to F-9).

### **2. Question from Bidder:**

Depending on your tender document (ref .: F5211-150416), reference to the environmental analysis section which states that there will be a total of 21 samples to be analyzed for the different parameters required for soil and sediments (excluding duplicates), I was wondering if you can differentiate the number of samples to be analyzed according to whether they are soil or sediment, thank you. This information is important because the analytical costs are different depending on the type of matrix subjected to chemical analysis.



**DFO Answer 02:**

As an approximation there would be 8 marine sediment samples and 13 soil samples (wharf embankment). Sediment samples should be taken at boreholes F-2 F-3 F-4 and F-5.

**3. Question from Bidder:**

It is mentioned that a maximum load of 6 kPa would be tolerated on the wharf. 6 kPa is a minimal constraint for conventional drilling equipment. In this context, we only see the solution to build a platform to spread the load of the drilling equipment over a larger area in order to limit the stress transmitted to the wharf. However, the platform will be driven by the drill itself or by other equipment.

In this context, is it acceptable that, while being carried from one borehole to another, the constraint of 6 kPa is exceeded, while the platform is being positioned near the other borehole? In other words, can we allow the drill to move on the wharf between two boreholes even if the applied stress by caterpillars exceeds 6 kPa, during the positioning of the platform?

If this is not possible, we suggest that all geotechnical drillings be made outside of the wharf, with the help of a barge. For the environmental part of the project, we could drill the concrete slab and make manual drillings as deep as two meters. However, for boreholes F-6, F-7 and F-8, where samples are applied up to 4 meters deep, it is not possible to reach such a depth by hand drilling. Would this still be acceptable?

**DFO Answer 03:**

The wharf has some voids, some are were localized by inspection but others might not. It would be difficult to track exactly where the equipment that carries the drill will move and therefore, it explains the maximum load of 6kPa and the minimum distance of 2.5 m from the walls that were specified. For this reason we cannot accept a bigger load than 6kPa, and this, at all times. If a bidder decides to do the project by land access, he will be invited to demonstrate compliance with the maximum load of 6kPa. So if the only method to meet this requirement is to proceed by barge, it must therefore be considered.

If a barge is used, we will accept the limits of manual drilling for F-6, F-7 and F-8 for the environmental characterization.

**All other Terms and Conditions for this requirement remain unchanged.**

Regards,

**Lynda Coulombe**

Senior Procurement Officer

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