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**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address  
Raison sociale et adresse du  
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<b>Title - Sujet</b> Réfection brise-lames nord	
<b>Solicitation No. - N° de l'invitation</b> EE517-192500/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2019-04-05
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$QCM-017-17638	
<b>File No. - N° de dossier</b> QCM-8-41238 (017)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2019-04-16</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Cloutier, Annabelle	<b>Buyer Id - Id de l'acheteur</b> qcm017
<b>Telephone No. - N° de téléphone</b> (418) 649-2768 ( )	<b>FAX No. - N° de FAX</b> (418) 648-2209
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

## Repair of northern breakwater – Port of Gros Cacouna Port of Gros Cacouna, Cacouna

### Amendment 003

Included in the present amendment:

1. Revised questions and answers 1, 2 and 8
2. Questions and answers 10 to 15
3. Addendum 001

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## REVISED QUESTIONS AND ANSWERS

### Revised Question 1

Is it possible to clarify the significance of the statement "for sandstone from the site", for the density SSD of 2.75 in the case of sandstone?

**Revised answer.** In Table 1 of section 35 31 24 of the tender documents, the phrase « >2,75 for sandstone from the site» was replaced with addendum #001 by: « > 2,75 for sandstone ».

### Revised Question 2

The consulted laboratory services are of the opinion that it is impossible to obtain sandstone with a density of 2.75. Can you accept the sandstone present at the site according to the criteria already established in the specifications for other sandstone, i.e. a density of 2.65 to 2.85?

**Revised answer.** In Table 1 of section 35 31 24 of the tender documents, the phrase « >2,75 for sandstone from the site» was replaced with addendum #001 by: « > 2,75 for sandstone ».The new armour stone must meet all the requirements specified by the tender documents.

### Revised Question 8

Is sandstone an accepted stone?

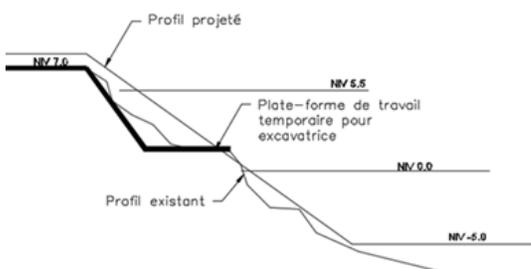
**Revised answer.** In Table 1 of section 35 31 24 of the tender documents, the following « >2,75 for sandstone from the site» was replaced with addendum #001 by: « > 2,75 for sandstone ». The new armour stone must meet all the requirements specified by the tender documents.

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## QUESTIONS AND ANSWERS

### Question 10

Is it acceptable to lower a portion of the existing slope to provide a lowered work platform for work that extends to the - 5.0m level? See below a typical sketch.



**Answer.** It is acceptable to build temporary work platforms in the slopes. Note that the existing stone work can be made of larger size stones.

### Question 11

There are currently some large stones of 12 to 15 metric tons that have moved offshore at the toe of the current breakwater and are at a large distance and around the elevation 0 of the chart datum. Should these stones be moved, removed and put back into place or can we simply move them a few meters to get the desired profile under the new layer of stone or can they be inside the new layer of stone?

**Answer.** Existing stones of 12 to 15 metric tons can be moved to obtain the desired profile under the layer of new armour stone. Existing stones of 12 to 15 metric tons can be found inside the layer of new armour stone. No existing stone will be considered for payment as new armour stone.

### Question 12

Following the reading of the specifications document, which does not mention the prohibition of the use of sandstone but only of the conglomerate in table 1, it seemed to us, according to our understanding, that sandstone was acceptable if it encountered the criteria listed in the table with a density of 2.65 to 2.85, except sandstone present on the site, which must have a minimum density of 2.75. However, reading the answer to question 8, our understanding of the answer is that sandstone, other than outside the site is no longer accepted. Would it be possible to clearly specify whether sandstone coming from outside the site and meeting all the criteria in Table 1 is accepted or not? On a similar project in Rimouski currently underway for DFO, sandstone composed of 90% quartz (Quartzite) or more is accepted but other types of sandstone are refused.

**Answer.** In Table 1 of section 35 31 24 of the tender documents, the phrase « >2,75 for sandstone from the site» was replaced with addendum #001 by: « > 2,75 for sandstone ». The new armour stone must meet all the requirements specified by the tender documents.

### Question 13

Can you confirm that our understanding is good: the profile of areas to repair will not be predefined but rather variable depending on the elevation at which the levelling of the existing stone is achieved. The final product will correspond to the elevation of the levelling of the existing stone + 1300mm of new armour stones. The levelling and placement of the stone must meet the required tolerances.

**Answer.** As shown on the drawings, the profile elevation of the new armour stone is at a distance of 1300mm from the profile resulting from the levelling of the existing stone. The levelling of the existing stone and then the placement of the new armour stone must respect the tolerances specified for the stone placement.

### Question 14

Sandstone quarries (excluding the quarry next to the Port of Gros-Cacouna), which meet all the criteria for acceptance of the stone (laboratory tests, on-site examination, visual observation and evaluation) but whose SSD density is less than 2.75 but greater than 2.65 are accepted for the works? Currently, there is only one indication that the sandstone from the quarry of the port of Gros-Cacouna must have an SSD density greater than 2.75. No indication of other sandstone quarries available at the periphery that can fully meet the acceptance criteria for the stone and have a density between 2.65 and 2.85. In other words, should the other sandstone quarries, to be authorized, also have a SSD density greater than 2.75 as the quarry mentioned in Gros-Cacouna or are they outright excluded as potential quarries that can serve at the project stone production.

**Answer.** In Table 1 of section 35 31 24 of the tender documents, the phrase « >2,75 for sandstone from the site» was replaced with addendum #001 by: « > 2,75 for sandstone ». The new armour stone must meet all the requirements specified by the tender documents

### Question 15

Table 1 - Quality tests required for stone - Delivery methods and criteria

This question is about the SSD density of the required stone of 2.65 @ 2.75. The source we plan to use for stone production does not always meet the minimum requirement of 2.65. The density is mainly slightly lower than this value, however the percentage of quartzite is greater than 90% for this source. Considering this and considering that all sources within a relatively broad radius are similar, we believe that this value should be revised downwards. In fact, the density criterion was reviewed in a similar project in the region to adapt to the regional reality. Is it acceptable to make the minimum SSD density criterion of 2.65 malleable if the quartzite percentage of the stone exceeds 90%?

**Answer.** In Table 1 of section 35 31 24 of the tender documents, the phrase « >2,75 for sandstone from the site» was replaced with addendum #001 by: « > 2,75 for sandstone ». The new armour stone must meet all the requirements specified by the tender documents

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#### ADDENDUM 001

See the following electronic attachments:

- "ADDENDUM 1 – ENG.pdf" (ABES.PROD.PW\_QCM.B017.E17638.ATTA003.PDF)
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ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.