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**Nota van Inlichtingen Realisation of a vertical research borehole to a depth of 250 meters with a triple core barrel**

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**Aanbesteding:** Realisation of a vertical research borehole to a depth of 250 meters with a triple core barrel  
**Aanbestedende Dienst:** Stichting Nederlandse Wetenschappelijk Onderzoek Instituten (NWO-I)  
**Referentie:** 30042021

**Toelichting:**

**Ref.nr.**            **Onderwerp:**  
1                    VCA

**Vraag:**

Chapter 2.2, page 9; “\*\*\*\*\*, a VCA certificate is required\*\*\*\*\*”, is an equal non Dutch certificate also acceptable?

**Antwoord:**

Yes.

**Beantwoord op:**        21-05-2021

**Label:**                    Juridisch

**Ref.nr.**            **Onderwerp:**  
3                    underground opstacles

**Vraag:**

Chapter 2.6, page 15;  
first bullet: is there a UXO suspicion at this site?;  
ninth bullet: “according to DIN EN ISO 22475-1” could “or similar” be added here?;

**Antwoord:**

First bullet: there is no suspicion at this site since there was no fight during WO I or WO II but ammunition can't be fully excluded.  
Ninth bullet, yes, although we do not exactly understand the meaning of this question.

**Beantwoord op:**        21-05-2021

**Label:**                    Inhoud

**Ref.nr.**            **Onderwerp:**  
4                    grouting of BH

**Vraag:**

Chapter 3.3, page 21; Can “\*\*\*\*including a well-cemented dry casing to a

depth of more than 250m\*\*\*\*” be deleted from this sentence, for installing such a well-cemented dry casing in geological boreholes are a very rare occurrence.

**Antwoord:**

No, this borehole needs to be finished watertight to house a sensor.

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**Label:** Inhoud

**Ref.nr.**

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**Onderwerp:**

use of casing

**Vraag:**

The requested services (drilling techniques to be used and leaving a permanent steel casing) might be at odds with requested BRL protocols and regional requirements. Is a diversion therefore allowed?

**Antwoord:**

Yes, we have applied for a permit to leave a steel casing as a part of a subsurface seismic monitoring station.

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**Onderwerp:**

methods

**Vraag:**

Hello

We applaud that NWO is looking for a very high standard borehole. Such a borehole will yield very valuable insights in the local geology. And provide a very sound monitoring well. However after careful evaluation of all requirements and the available time frame we have some reservations for presenting a bid/proposal. We do think that it is not possible to strictly meet all requirements. And also that an attempt to achieve all these would lead to very high, and most likely unnecessary, costs. Are you open for alternative solutions which do meet the required targets but partially deviate from the exact technical tender requirements/details.

Question 2: Are you open for alternative solutions which lead to a significant lower cost for this borehole compared to the current requirements with similar quality/end result (any deviations to be explained/discussed in our bid of course).

we look forward to hear from you. Kind regards

**Antwoord:**

Regarding the available time frame: we are highly dependent on the owner of the parking lot and campsite and a priori there is no room for modification of the schedule.

We summarize your question as follows: is the client open to alternative and possibly lower cost solutions? In principle the answer is yes, if your alternative bid convincingly fulfils the requirements as stated in our descriptive document. It should deliver high quality samples and a dry watertight well and good rock-connected casing to form a subsurface noise measurement location.

However, at all times a baseline bid should be provided, which unequivocally meets the requirements as detailed in our descriptive document.

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