

## Questions & Answers (Set 2)

**1. What is the penalty for late delivery?**

ANSWER: A negative past performance record with IRIS which will affect the Contractor's ability to obtain future Task Orders.

**2. Under this agreement, can IRIS award multiple vendors?**

ANSWER: Yes, multiple vendors may be awarded the Master IDIQ contract and Task Orders.

**3. Under this agreement, can different vendors be awarded one or the other of the two line items (surface & posthole)?**

ANSWER: Yes, multiple vendors may be awarded one or the other line items (surface vault & posthole) for the Master IDIQ contract.

**4. Will technological improvements to the base product be acceptable over the 3 year purchase period ? (No Substitution clause honored)**

ANSWER: Yes, with prior written approval of IRIS.

**5. Can IRIS provide a digital, numeric version of the Berger 2004 GSNNM so that all vendors can present sensor performance on same reference?**

ANSWER: [http://ida.ucsd.edu/Noise\\_Study/gsn\\_model.html](http://ida.ucsd.edu/Noise_Study/gsn_model.html)

**6. During the 3 year warranty period, how many times is it estimated that a given sensor will be re-deployed?**

ANSWER: Posthole sensors are expected to be functionally tested after acceptance by IRIS, prior to field deployment, and deployed one time. Please note that Alaska is not a rolling array. A batch test may be conducted on some sensors in test holes at ASL, Socorro or, Poker Flat, or other locations is possible but there are ; however, no confirmed plans exist at

this time. Surface vault sensors will also be functionally tested after acceptance by IRIS and prior to field deployment. Some of the vault sensors may be redeployed as many as 3 times during the 3 year warranty period.

**7. Will IRIS use specialized packaging for these sensors during deployment? If so, what kind.**

ANSWER: When used by the Alaska Transportable Array, the posthole sensors are expected to be located in a schedule 40 PVC casing encased in glass beads. A steel casing is also being considered. No other sensor packaging is anticipated. No special packaging will be used for surface vault sensors. If posthole sensors are used by the PASSCAL program, they may be in direct contact with the soil without additional sensor packaging.

**8. What is the target depth of the posthole installation?**

ANSWER: The target depth of the posthole installation is 1-10 meters; depending on ground conditions.

**9. Will sensors be direct buried without liners or casing?**

ANSWER: IRIS intends to use a casing in soil conditions and no casing when firm rock allows it.

**10. Does IRIS prefer a connector on the top of the posthole sensor or a fixed length integrated cable?**

ANSWER: No preference is exists at this time.