

FAQs – Sensor Technologies for Freshwater Quality Management

Last updated April 30, 2026

Could you share more detail on the concentration ranges the government is targeting (for example, expected detection limits or typical environmental levels)?

A range of concentrations are of interest, from high concentrations that may be associated with peak loading events, to low concentrations that may be associated with performance monitoring following conservation or other nutrient control measures being implemented.

Could you share more detail on the primary application scenarios the government has in mind (such as field deployment versus fixed monitoring, and spot measurements versus continuous or near real-time monitoring)?

Field deployed continuous, real-time monitoring technologies are certainly of interest. Combined approaches where multiple technologies are used in concert to at scale to provide maximal information most cost-efficiently.

I'm hoping to get some clarification on the term "in-situ." For the DRP mission, does in situ mean several hours or several months? Our Bayonet system is capable of being deployed with hardware to monitor DRP but to better understand the mission, we would like to request information on the typical length of time a mission like this might be.

The term *in situ* in this context means field deployed and capable of collecting nutrient concentration data in near real-time. Field deployed sensors should be reliable and capable of operating within acceptable limits for extended time periods (ideally months).

Will pre-existing background IP be explicitly protected and ring-fenced in the OTA?

If your submission is deemed favorable and a RFPP is issued, terms and conditions will be negotiated by the Agreements Officer.

Will participants retain ownership of both existing IP and any new IP created under the project?

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What technical data, software, or documentation will participants be required to deliver under the prototype, and what rights will the government receive in those deliverables?

If your submission is deemed favorable and a RFPP is issued, terms and conditions will be negotiated by the Agreements Officer.

Will participants retain full rights to commercialize its technology outside the US government market, including in the UK, EU, and other commercial sectors?

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If the project proceeds to a follow-on production agreement, would participants IP or data rights obligations change, and could that trigger broader government rights to the underlying technology?

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Can a UK-registered SME act as prime contractor on this OTA, or is a US-based prime required?

In order to be eligible for an OT agreement, you must have a SAM account and meet one of the items listed in Part IV. Eligibility information, of the OT announcement.

Would a UK SME with no history of DoD contracts qualify as a Nontraditional Defense Contractor (NDC) as defined in the announcement?

Reference Attachment 1 of the OT announcement.