



THE UNIVERSITY OF SOUTHERN MISSISSIPPI

May 20, 2020

ADDENDUM 1 TO BID 20-34

This addendum provides answers to questions submitted by prospective bidders. The University's answers are shown in **RED**.

Jessica Whitten
Buyer

1. Under the Section "Requirements" (Section b.1), it states: "Must consist of an inertial navigation system (INS) and Doppler velocity log (DVL), preferably packaged as a single pre-calibrated unit, but an external DVL and an INS mounted within the vehicle pressure housing may be considered." iXblue is able to offer both scenarios, is there is a preference? **Single system is preferred, but we recommend both options be presented.**
2. Is there already a pressure housing built into the AUV, that would be capable of housing one of our Phins Compact INS (which does not come in its own pressure housing)? iXblue offers INS solutions with or without pressure housing, depending on customer preference and requirements. **Yes.**
3. What pressure sensor is on the vehicle (make and model)? **Paroscientific Digiquartz.**
4. Is there an external sound velocity sensor on the vehicle (make and model)? **SBE SeaBird FastCat CTD.**
5. What will be the accuracy of the GPS on the vehicle? **SOSI GPS/WAAS receiver unit. Accuracy limited to GPS w/ WAAS corrections.**

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6. What is the make and model of the GPS? **See above.**
7. Is there a preference in DVL brand, since iXblue INS solutions are “agnostic” and can be integrated with any DVL available in the market? **No preference.**

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