



THE UNIVERSITY OF SOUTHERN MISSISSIPPI

June 23, 2020

ADDENDUM 1 TO BID 20-42

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

Jessica Whitten
Buyer

1. **Table 1. Propulsion:** The USV must have brushless motors capable of at least 5kts - Motor power for propulsion is define in Watts not in Kts, please clarify requirement.
 - a. **As each USV requires different Wattage motor so obtain 5kts (burst speed), the main point here is brushless motors for propulsion.**
2. **Section E. Safety Features:** 1. The USV shall have a means of self-aborting the mission while it is in the water due to abnormal readings or set points from key systems monitored within the glider that will result in immediate surfacing of the glider. Abnormal readings, which lead to a self-abort of the mission, will include but are not limited to water intrusion, low battery, and other obviously erroneous sensor readings. – glider referenced but bid is not for glider, please clarify requirement.
 - a. **Should read - The USV shall have a means of self-aborting the mission while it is in the water due to abnormal readings or set points from key systems monitored within the USV which, will result in immediate self-abort of mission. Abnormal readings, which lead to a self-abort of the mission, will include but are not limited to water intrusion, low battery, and other obviously erroneous sensor readings.**

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3. **Section V. Software:** 2. The vendor will provide a means of reviewing USV performance during the mission. Software must be provided for displaying and assessing glider performance or the glider logs must be accessible in a documented format such that in-house analysis may be performed. – glider referenced but bid is not for glider, please clarify requirement.
 - a. **Should read - The vendor will provide a means of reviewing USV performance during the mission. Software must be provided for displaying and assessing USV performance or the USV logs must be accessible in a documented format such that in-house analysis may be performed.**

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