

**AMENDMENT 0004 FOR
BAA 09-011
ELECTRICALLY ACTUATED SUBMARINE CONTROL SURFACES**

1. Question: Would like to request an extension for the submittal date for the white paper to Dec. 22, 2008. Would it be possible to get the extension?

Answer: The closing date for receipt of White Papers remains at December 18th, 2008.

2. Question: Is the requirement for peak torque the same value regardless of the control surface angular position?

Answer: The peak torque requirement for BAA 09-011 is independent of control surface angular position. The actual torque required to move a control surface varies with control surface position and ship maneuvers.

3. Question: Are there any geometrical constraints applying to new equipment inside the pressure hull, such as maximum length, width, or height?

Answer: The only constraints are delineated in Table 1 of BAA 09-011. They are: minimal weight and volume for actuator system components other than the prime mover and the motion conversion and the threshold and objective ratios of torque to weight for prime mover and motion conversion (threshold 35 (ft-lbs/lbs); objective 100 (ft-lbs/lbs)).

4. Question: Is it necessary that all personnel proposed to be used on the program have a DSS Secret clearance, even if their specific tasks are not classified?

Answer: Quoting from the BAA:

"If proposing the use of any subcontractors, the prime contractor must clearly delineate the following information within its proposal:

1. Whether the subcontractor will be working with classified or unclassified information;
2. Whether or not the entity is U.S.-owned;
3. Whether the firm has a DSS "Secret" level facility clearance in the U.S.; and
4. Whether the firm has DSS "Secret" personnel clearances in the U.S. For all personnel it proposes to use under this program.

It is the prime contractor's responsibility to ensure proper protection and disbursement of classified information."

If the subcontractor will be working with unclassified information only then they do not need a clearance. The prime contractor must ensure the delineation between classified and unclassified work ensures the protection of the classified information.

5. Question: Does the 8 page limit for the White Paper include the required cover page?

Answer: No, the 8 page limit for the White Paper does not include the required cover page.