

**TECHNICAL QUESTIONS AND ANSWERS**

SOLICITATION N66001-04-R-0028

MARKER ASSEMBLIES AND

ACOUSTIC TRANSPONDER BOTTLES

**PART 4**

14	Q	SOW section 3.0 calls for delivery of 20 each tethered marker assemblies. The RFP calls out quantities of 1-20 units for each of the four configurations (CLIN 0001aa, 0002aa, 0003aa, and 0004aa), an apparent total of 80 each. Please clarify the number of units for each of the four configurations that will be required for first article acceptance testing.
	A	<p><b>The Government is planning to procure mainly tethered markers, along with the handles and shipping containers. However, The Government reserves the right to purchase the non-tethered versions at a later date during the life of the contract if it is deemed necessary. Quantity depends upon price. Therefore, we anticipate buying:</b></p> <p><b>First Article Test Units:</b> <b>CLIN 0001AA - 10 - Tethered, Marker Bottle</b> <b>CLIN 0002AA - To be determined at a later date - Non-Tethered, Marker Bottle</b> <b>CLIN 0003AA - 10 - Tethered, Target Bottle</b> <b>CLIN 0004AA - To be determined at a later date - Non-Tethered, Target Bottle</b></p>
15	Q	On final award, can key design personnel from ARLUT & SPAWAR be made available for short term consultation?
	A	<b>Yes, ARLUT and SPAWAR Personnel will be available as needed.</b>
16	Q	The shipping container delivery schedule is not tied to any deliverable marker assembly CLIN. Are we to assume that shipping containers are required for all deliverable items regardless of the quantity being shipped?
	A	<b>The Government anticipates buying in quantities, which will warrant at least one shipping container per purchase.</b>

17	Q	Are the tolerances on the label letter sizes correct?
	A	<p>The tolerances on the letter size using a two digit value are +/- .01 inches high as stated in the tolerance block. For the labeling, however, our intent is that the labels fit in the space intended, is clear, and can be read by a person of 20/20 acuity at 1.5 feet for small labels and 7 feet for the bottle number label.</p>
18	Q	<p>Per the contract schedule, production hardware is scheduled for delivery three months after first article approval. Material lead times for some key components is expected to be as much as five months.</p> <p>Is it possible for the Government to provide preliminary acceptance of first article for "material planning purposes" so that material procurement can be initiated for long-lead items?</p>
	A	<p>The Government will need to verify proper functionality of the First Articles prior to proceeding with production. If necessary, the Government <u>may</u> grant approval to procure long lead items for "material planning purposes" with the understanding that if something goes wrong with the first articles that cannot be remedied, then the Government will reimburse for only those pre-approved long lead items, which will become Government property upon reimbursement to the contractor for the costs incurred.</p>

19	Q	<p>Drawing 0202546 (Transponder Marker Non Tethered) calls out part #0202519-1 (Transducer subassembly transponder) - Drawing 0202626 (Transponder Target Non Tethered) calls out part #0202519-1 (Transducer subassembly transponder)</p> <p>No drawing in the drawing package references part # 0202519-2. Within the drawing package there are several drawings specific to the 0202519-2 part number.</p> <p>a. Since the 0202546 drawing references the 0202519-1 part number, should the 0202626 drawing reference the 0202519-2 part number?</p> <p>b. Please clarify/verify the use of the 0202519-1 and 0202519-2 subassemblies as they relate to the drawing package.</p>
	A	<p><b>a. Yes.</b></p> <p><b>b. The subassembly -1 is a top level assembly and the -2 subassembly is the electronics/transducer portion only. On drawing 0202519, the parts list item number 15 is 0202519-2.</b></p>
20	Q	<p>Electrical test specification 0202588 calls out an ANRITSU MS4630BC spectrum analyzer for supplying signal and measuring the response of the receiver. Can an equivalent off-the-shelf analyzer be substituted in place of the ANRITSU MS4630BC?</p>
	A	<p><b>Yes. An equivalent substitution is allowed.</b></p>
21	Q	<p>Drawing 0202536 item # 2 identifies a rosin core solder (part #23-6337-9906) which corresponds to a freon type of soldering process which most assembly manufacturers no longer use because of EPA restrictions. Is there an alternate solder approved for use?</p>
	A	<p><b>Yes. The vendor may choose an appropriate solder of their choice so long as it meets industry standards. Another type commonly used here is 24-6337-6401, but the Government is not aware of all the EPA restrictions and this one may also have some limitations on use.</b></p>

22	Q	Drawing 0202536 item 28 references a resistor with part #RC73L2e120MJT. The "M" in the part number specifies a Meg ohm. The same part on assembly 0207092 does not have the "M" designation in the part number.  Should it have an "M" designation?
	A	<b>No. The part number should be RC73L2e120JT. The description should be 120 ohm 5%.</b>
23	Q	Drawing 0202536 item 54 references a resistor with part #RC73A2B49.9KFT. The part number specifies a 4.9K ohm resistor but the description calls for a 50K ohm part. Which is correct?
	A	<b>The manufacturer SMEC has recently changed their part numbering scheme and the correct new part number is RC73A2B4992FT. This is equivalent to the old part number RC73A2B49.9KFT. The description is 49.9K ohm 1%.</b>
24	Q	Is it possible to receive the above solicitation in word format so we can write to it?
	A	<b>No.</b>
25	Q	Drawing #0207088 Transducer Cable Assembly calls out a cable # of SB-43949. That particular cable has a cage code of the manufacturer Schilling, however, Schilling does not recognize the part. So the question is, can you give us the drawing for that cable and/or the correct cage code of the manufacturer. We would like to be able to properly quote all the parts.
	A	<b>The cage code is incorrect in the parts list. The manufacturer is South Bay Cable whose cage code is 51173. The POC at South Bay is Bill (909) 659-2183.</b>