

International Space Station (ISS) Dewar

“Issuance of responses to questions/comments received on Request for Proposal-NNG140516081R”

Questions or Comments	Responses
<p><b>1. B.3 SUPPLIES AND/OR SERVICES TO BE PROVIDED</b></p> <p>Section B.3 of document 160958-SOL-001-002 contains a table of hardware deliverables and Contract Data Requirements List. This table differs from that in separate document (160958-SOL-005) referred as Attachment B. Which table takes precedent? If section B.3 takes precedent, is omission of item no. 19 intentional?</p>	<p><b>1. An amendment to the solicitation has been released revising Clause B.3 and Attachment B – Deliverables List.</b></p>
<p><b>2. B.3 SUPPLIES AND/OR SERVICES TO BE PROVIDED</b></p> <p>In 160958-SOL-001-002.pdf Section B.3, the delivery schedule shows 14 months for delivery of the integrated dewar, cart, shipping container, etc. However, in 160958-SOL-001-005.pdf, those deliverables are due 12 months after contract award. Which is correct?</p>	<p><b>2. See above.</b></p>
<p><b>3. ATTACHMENT A, STATEMENT OF WORK</b></p> <p>Section 3.5.1. Active Modes:</p> <p>It is required that the cryocooler needs to provide 5W of refrigeration with 150 maximum input power during a "cool-down" mode.</p> <p>What is meant by a "cool-down" mode? Does this refer to cooling-down liquid in tank while non-vented?</p>	<p><b>3. The dewar will typically be cooled from room temperature using liquid nitrogen in the cooling loop, but the cryocooler will occasionally be used to cool the tank from 125K to 95K with a full load of methane under non-vented conditions. This is the cooldown that is referred to in the Statement of Work and Specification (Attachment A 160958-SOL-001-004.pdf).</b></p>
<p><b>4. ATTACHMENT A, STATEMENT OF WORK</b></p> <p>Section 3.5.1. Active Modes:</p> <p>It is required that in a 20°C operating environment, the active mode shall use no more than 50W for a flight-capable cryocooler of the vendor’s choice to</p>	<p><b>4. Per Attachment A, the vendor is allowed 50W in active mode to remove the parasitic heat of the as-delivered vendor configuration. The vendor is not responsible for the additional heat load of government-installed hardware, but should be aware that the government will be working with a design goal of a total parasitic load no larger than two times the vendor's as-</b></p>

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<p>maintain the tank at a constant temperature of 80K with no venting.</p> <p>What is the expected heat load from the NASA hardware to be installed for which the cooler must remove on top of its own parasitic for which the cooler is allocated 50W?</p>	<p><b>delivered heat load.</b></p>
<p><b>5. SECTION L.19 - GSFC 52.215-201 Proposal Preparation—General Instructions. (JUL 2014)</b></p> <p>BOE Limit to 10 pages.</p> <p>We have planned for 6 Items in our WBS and keeping them down to 2 pages will be somewhat difficult. Is it acceptable to increase the number of pages?</p>	<p><b>5. Yes, the BOE limit has been increased to a total of 15 pages.</b></p>