



preparatory commission for the
comprehensive nuclear-test-ban
treaty organization

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TO:	All Bidders	FROM:	Courtney Linley Chief, Procurement Section
DATE:	12 February 2018	REF.:	RFQ No. 2018-0010/CHAUDHRY
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SUBJECT:	<i>Development and Manufacture of an Atmospheric Air Sampler Clarification No. 1.</i>		

Dear All,

Please find enclosed the Commission's Clarification No. 1 providing answers to queries raised in respect to Request for Quotation No. 2018-0010/CHAUDHRY, *Development and Manufacture of an Atmospheric Air Sampler*.

Please take these responses into account in the preparation and submission of your proposal.

We look forward to receiving your quotation.

Best regards,

Courtney Linley
Chief, Procurement Section

RFP No. 2018-0100/CHAUDRY
Questions & Answers

QUESTIONS	ANSWERS
<p>1) Can you please specify the minimum and maximum flow rate that shall be possible to set when starting the sampling? Or else, the minimum and maximum time for filling the bags?</p>	<p>There is no specific lower limit of the flow rate. 160 L in 12 hours should be sampled, i.e. 0.2 Lmin⁻¹ is required.</p> <p>If spot samples are taken, 160 L should be sampled in approximately 15 min, resulting in around 11 Lmin⁻¹. This may require an additional pump, albeit one bi-functional pump is desirable. The upper flow rate however is not fixed. A suitable single pump that covers at least the 0.2 L min up to several Lmin⁻¹ is also acceptable.</p>
<p>2) Is it acceptable that, during sampling, the gas flows into the bags passing through the pump, the flow meter and the electro-valves?</p>	<p>Yes, this is acceptable. In fact, the Commission considers this the norm, in whichever order the gas is flowing through these three elements.</p>
<p>3) The sampler shall include a protective casing for eight (8) bags. That implies a very large volume. Does the casing have to be sufficiently rigid to safely transport the eight (8) filled bags or can it be disassembled for transport and re-assembled again for sampling? How many cases shall be provided? One for each bag, one for all the bags compiled or one for each sample?</p>	<p>It can be disassembled, that is quite acceptable or even preferable. (Please see also answer to question No. 6).</p>
<p>4) The specifications state that "The sampler shall investigate options for evacuation of sampling bags and leak testing". Does this mean that the sampler shall have two (2) manual commands, one for emptying a bag and another one for testing purposes in case a bag has leaks? Are these two functions optional or mandatory?</p>	<p>The Commission does not specify operational details concerning this item as by monitoring the flow rate, the leakage should be detected (i.e. if the flow rate is above a certain value, although the bag is already empty).</p>
<p>5) The sampler shall have the option to also control the sampling remotely. Does this mean that the sampler shall be equipped with a 3G/4G router? Can we imply the SIM and the related mobile data plan shall be provided by the Commission?</p>	<p>The sampler(s) will operate without the Commission's data plan most of the time in the near future since they will be set up at research locations around the globe.</p>

6) According to the requirements, the sampler shall be air transportable.

Does this indicate that the sampler should be shipped as cargo or rather transported as checked-in baggage by the user?

The latter option, even considering oversize baggage dimensions, requires much smaller dimensions of the package.

The sampler(s) should be shipped as cargo. Small size (i.e. foldable protective casing for the bags) will be considered equally acceptable.