



**State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387**

**Solicitation Information
May 8th, 2017**

ADDENDUM # 1

RFQ# 7551576

TITLE: Indoor Air Quality Testing – URI

Submission Deadline is:

Thursday May 18th, 2017 at 10:00 am (EST)

Note to vendors:

Attached includes:

- **Questions received with answers. No more questions will be answered.**

Max Righter

Buyer 1

Interested parties should monitor this website, on a regular basis, for any additional information that may be posted



State of Rhode Island, Department of Administration
Division of Purchases
One Capitol Hill
Providence, Rhode Island 02908
www.purchasing.ri.gov 401-574-8100

Questions Received

Solicitation #7551576

Indoor Air Quality Testing

1. Is it the intent of URI for the contractor to conduct the 30 estimated IAQ tests on a set schedule or will these tests be conducted in response to complaints or other unforeseen circumstances?

Answer: The latter – in response to complaints or following cleanups after water events.

2. For pricing purposes, should it be assumed that each of the 30 tests will be completed independently, on separate days, with results and recommendations provided in 30 separate reports? Also, what type of notice will be given prior to IAQ testing periods? What is the required turn-around time for the report and sample analysis?

Answer: For pricing, please assume 30 separate events. Notice will be typically 1-3 days. 10 working days is the required turn-around time for the sample analysis and report.

3. What size areas will each of these tests encompass (e.g. a building or room) and how many samples should be assumed for each test? In general a minimum of three fungal samples are recommended, one for the complaint area, one for a non-complaint area, and one outdoors (baseline) sample. Without appropriate comparative samples the results cannot be accurately interpreted.

Answer: For pricing, please assume 3 sampling locations (2 indoor, 1 outdoor) for each of the 30 separate events.

4. Are viable (culturable) fungal samples required or will spore trap samples evaluated via direct microscopic examination (i.e. non-cultured) be appropriate? Can you provide the total number of each type of sample expected during each test period for pricing purposes (e.g. three viable and three spore trap)?

Answer: Culturable fungal samples are not anticipated under this contract – only spore trap with direct microscopic examination. Please price 3 samples (2 indoor, 1 outdoor) per event.

5. Will data logging over an entire day for indoor carbon dioxide, relative humidity, and temperature be required? If single point measurements are acceptable, are there specific times of day when testing should be conducted?

Answer: Single point measurements are acceptable – typically taken at the time of fungal sampling.

6. Will a visual inspection of the building area and associated HVAC equipment and/or moisture measurements be expected? If not, should it be assumed that on-site tasks would only consist of airborne fungal and direct reading measurements without other investigative measures?

Answer: A visual inspection of the immediate area is expected. The State does not expect any detailed analysis of building HVAC systems or any other large-scale evaluation.

7. Line item three includes additional tests on the same day at the Kingston campus. Will this unit price include both the testing and data review/report? What type and how many samples should be assumed for each additional testing period?

Answer: The price will include both testing and report. Again, please price 3 sampling locations (2 indoor, 1 outdoor) for each additional test.



State of Rhode Island, Department of Administration
Division of Purchases
One Capitol Hill
Providence, Rhode Island 02908
www.purchasing.ri.gov 401-574-8100

8. Please define the approximate quantity of air samples to be collected per visit.

Answer: At each of three locations (2 indoor, 1 outdoor) the State expects one fungal sample and single point measurements of carbon dioxide, temperature and relative humidity.

9. Please define the requested laboratory analysis for collected air samples (e.g. viable vs. non-viable.)

Answer: Non-viable microscopic analysis of fungal spores to include spore identification (e.g., aspergillus/penicillium, ascospores, basidiospores, cladosprium, stachybotrys) and airborne concentration in counts per cubic meter.

10. Are any surface (swab, tape lift) or bulk samples for mold to be included?

Answer: No.

11. For airborne fungal – we will assume that the State wants the consultant to collect only spore trap samples (analysis by direct microscopic exam). Does the State also want collection and analysis of airborne fungal samples using culture methods?

Answer: No.

12. We assume “30 tests” mean 30 different locations and dates, is this correct or does it mean 30 samples?

Answer: 30 different locations (buildings) and dates – 3 building locations (2 indoor, 1 outdoor) per event – 90 test locations total.

13. Does the State have an estimate of the size of the locations to be tested (for example, typical or average square footage per test location, type of test location)?

Answer: Tests typically occur within offices or suites of offices – assume 100-200 square feet for the typical location.

14. Does the State have an estimate of the typical number of samples to be collected per test (for example, 6 fungal samples per test or something like that)?

Answer: For each event, the State expects one non-viable fungal sample and single point measurements of carbon dioxide, temperature and relative humidity at each of three locations – 2 indoor and 1 outdoor.

15. Does the State have an estimate of the duration of the carbon dioxide, temperature and relative humidity measurements per test (for example, single grab measurements, multiple grab measurements, continuous measurements for one or more hours, etc.)?

Answer: Single grab measurements.

16. Should the consultant assume that at least two to four hours of site time should be allocated per test (is this reasonable or does the State anticipate more or less time on site per test)?

Answer: Typically, the testing takes between 1 to 1.5 hours – three short (5-10 minutes) airborne fungal samples plus the grab samples.

17. Is there any additional information on the “additional test” item? Analytical or equipment costs will vary depending on what the “additional test” item is.

Answer: The “additional test” anticipates the same series of tests conducted on the same visit, but at a different building location – typically less than a 10 minute drive from the initial location.