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April 29, 2015

ADDENDUM # 1

RFP#: 7549502

Title: Health Physics Instrumentation

Bid Closing Date & Time: Wednesday, May 13, 2015 at 11:00 AM (ET)

Notice to Vendors

ATTACHED ARE VENDOR QUESTIONS WITH STATE RESPONSES.

NO FURTHER QUESTIONS WILL BE ANSWERED.

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Interdepartmental Project Manager

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

Vendor Questions for RFP 7549502 Health Physics Instrumentation

Question 1: Is there a preference for a particular type of wireless communications equipment? Does it need to interface with anything other than what is specified, or the equivalent of, that called out in the RFQ?

Answer to question 1:

There is no preference for a particular type of wireless communications equipment. The agency's understanding is that these systems have wireless detectors that communicate with fixed displays. It is anticipated that for each detector system, there will be a local display system in the general area of the detector, and that the signal will be sent to the control room where it will interface with the Opto-22 display system in the control room.

Question 2: Would this RFP entertain a lesser Ratemeter count than specified in the RFQ as long as all of the detectors (11 gamma, 11 neutron) were supported?

Answer to question 2:

It is unclear what "lesser Ratemeter count" means. The anticipated dose rates in the areas to be monitored are expected to be in the 1 mrem to 10 rem range.

Question 3: Rather than two gas samplers and a single particulate sampler would it be acceptable to offer two combined particulate and gas samplers?

Answer to question 3:

Section 4 of the RFP indicates that the agency is requesting two (2) noble gas monitors, and one (1) alpha / beta particle air monitors. Each of these systems will be located in different locations, which means that the particulate air monitor will not be located near either of the gas monitors. There is no objection to upgrading so that both particulate, and noble gas can be monitored from any one location. However, the minimum need is designed to cover three different locations.

Question 4: How many beam ports and other areas are to be served by this equipment?

Answer to question 4:

There are 11 areas to be served by the area monitoring equipment, and three areas to be served by the air monitoring equipment.

Area Monitoring:

- 6 beam ports, two of which also monitor the ends of our through port
- 1 thermal column
- 1 dry irradiation room
- 1 pool top bridge
- 1 pool top observation area
- 1 rabbit experimental laboratory

Air Monitoring

- 1 pool top noble gas monitor
- 1 confinement room particulate monitor
- 1 rabbit experiment laboratory noble gas monitor

Question 5: Do the rate meters need to be portable or are they meant to be used in a fixed position?

Answer to question 5:

The detectors are wireless so that they can be moved to accommodate different experiment needs. The ratemeter can be in a fixed location in the general area of the detector. This system also needs to send information to the control room where it will interface with the building radiation protection monitoring screen (the Opto-22 system).

Question 6: Will the client supply their own computer to operate the system software or is that to be quoted also?

Answer to question 6:

The agency's assumption has been that these systems consist of a detector that communicates with a ratemeter that has an internal computer system and software that takes the information from the detector, and converts it to a dose rate, and then displays that dose rate. Additionally, it has been assumed that the local ratemeter will send the information to a remote location (the control room), where it will somehow interface with the Opto-22 radiation level display system that is currently in the control

room. If an additional computer is needed in order to make this interface, then it is assumed that it will be provided by the vendor. However, the Opto-22 display system consists of a computer that has a touch screen display, so that may not be necessary.