

Whereas the Naval Research Laboratory Contracting Officer received questions from potential offerors, the purpose of this amendment is to provide answers to questions received from potential offerors and to revise the solicitation.

1Q: What level of vacuum is needed in the two vacuum ovens? We have made glove box systems with vacuum antechambers in several different ranges, from forepump vacuum only, to flowing, gas, to high vacuum.

1A: The vacuum ovens require a dry scroll pump able to maintain a vacuum of 0.002 to 0.0001 atm.

2Q: How large are the microscope stage motions (that is, how large are the substrates/samples to be examined). Since it is a glove box, are remote stage and focus controls needed or a useful option?

2A: Substrate/samples to be examined on the video microscope stage are no larger than three (3) square inches.

3Q: Are there any mini antechambers on this system? If so, how many and where are they located?

3A: There must be one mini antechamber on each individual chamber of the drybox; its location can be at either end of each chamber, as long as they are readily accessible.

4Q: Is there a specific model and manufacturer for the spin coater?

4A: No model and manufacturer for the spin coater is specified.

5Q: Should the spin coater be in a well or just the glovebox floor?

5A: The spin coater must be in a well so that it can be covered and not take up floor space inside the glovebox chamber.

6Q: Please confirm each module has its own gas purification system.

6A: Each chamber must have its own purification system to prevent cross contamination.

7Q: On item 6 you state the O2 analyzer should read .01 ppm accurately. Is this a typo? They only read in one ppm segments and definitely not two decimal points. Please specify analyzer manufacturer if you do want to read two decimals.

7A: Oxygen sensors must be accurate to two decimal points and the actual readout must be in the format X.XX ppm.

8Q: Is there any type of solvent filters in either of the boxes?

8A: A solvent system is required for the chamber that is fitted with the spin coater.

9Q: What are the internal dimensions of the two Vacuum Ovens?

9A: General dimensions of the vacuum ovens are no greater than 2.5 feet by 2 feet. Internal volume of the vacuum ovens should be no less than 0.8 cubic feet and no greater than 3 cubic feet.

10Q: Confirm the location where the training is to take place.

10A: Training must be performed onsite at the Naval Research Laboratory in Washington, DC.

11Q: Confirm that this is a Total Small Business Set Aside solicitation.

11A: This solicitation is a 100% Set-Aside for Service-Disabled Veteran-Owned Small Businesses.

12Q: Has the Government purchased a similar unit before?

12A: Yes.

13Q: Is your delivery requirement of no later than sixty (60) days from date of award a firm time-frame?

13A: Yes.