

This combined synopsis/solicitation is hereby amended to answers questions received from potential offerors.

A) Provide answers to questions as follows:

1. QUESTION: Does your facility have preferred electrical and mechanical installation vendors that we should contract with? Could you provide contact information?

ANSWER: The division has preferred electrical and mechanical vendors that may be able to assist in the installation of the X-Y Positioner. The contact information will be available after the award of the contract.

2. QUESTION: Can a visitor's pass be issued on a weekly basis vs a daily basis for removal of existing hardware and install of new equipment?

ANSWER: No.

3. QUESTION: Will the existing electronic racks outside of the chamber be moved by NRL personnel during the removal of existing hardware and install of new equipment?

ANSWER: If the racks are required to be moved out of the way for installation purposes then NRL personnel will move the racks.

4. QUESTION: Are there permits of any types required for removal and the installation of new equipment?

ANSWER: If welding is required then a burn permit is needed.

5. QUESTION: What are the working hours at Building 210?

ANSWER: The nominal working hours are 8:00 to 4:30

6. QUESTION: are the two horns on the same plan or are they offset from each other?

ANSWER: The horns are on the same plane. The stationary horn is on a horizontal rail and the movable horn is on another horizontal rail that is above the stationary horizontal rail. See figure 1.2 of proposal.

7. QUESTION: Figure 2, Azimuth vs. Time - The vertical axis indicated X_pos, is that intended to represent change in x position or that the speed and therefore the acceleration is dependent on the horizontal position? i.e. from the Azimuth Position of -60 to -40 is the average speed truly less than ~2.5 inches/sec, and from the Azimuth Position of -40 to -0 is the average speed ~10 inches/sec? or that those are the speed are a function solely of time and the speeds are not positionally dependent.

ANSWER: The speed is derived from position versus time and is not specified explicitly for a given X-position. The instantaneous speed at an x position is the change in x position per change in time for a small region about the x position. Figure 3 is derived in this manner. The average speed is derived in a similar way but is not associated with a particular position but rather with an extended interval. The calculation of average speed is correctly calculated by the questioner.

8. QUESTION: The same question as above is speed dependent on location? would apply to Figure 4, Elevation vs. Time

ANSWER: The same answer applies to elevation versus time with Y-position substituted for X-position in the above response.

9. QUESTION: Due to these and other factors noted on the site tour is it possible to extend the closing date of the solicitation?

ANSWER: NO.