



66 -- Time Resolved Magneto-Optic Characterization System

- [Combine Synopsis/Solicitation](#) - Posted on Jul 13, 2007

General Information

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Contracting Office Address

Department of the Navy, Office of Naval Research, Naval Research Laboratory, 4555 Overlook Ave. S.W., Washington, DC, 20375, UNITED STATES

Description

The purpose of this amendment is to provide answers to questions submitted from a potential offeror.

Q - 1. In Section 9 a I/FS50 modulator with Antireflective Coating (ARC) at 632nm is requested. Please clarify what wavelength(s) of ARC the I/FS50 is to have applied: 800nm (for the Ti-Sapph

laser), 532nm (for the CW pump laser and the solid state pump laser), the requested 632nm, or other (BBARC). If you still desire the 632nm ARC then there will be a loss of transmitted light at any wavelength other than 632nm.

A-1. The ARC wavelength for this component is as stated, 632 nm.

Q - 2. PEMs have a time period of 20 microseconds and each polarization state lasts approximately 1 usec. If you are using the CCD camera as a detector they are not fast enough to work with the PEM. Have you either spec'ed a CCD which will work with the PEM or have you found a way to work around this?

A- 2. Yes, we have alternate detectors that will be used when the PEM is in operation

Point of Contact

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