

Bid B001715 - Laser Calibration System

		Bid B001715	Allied Laser Solutions, LLC
item	each		
1	1	Stand Alone Pulsed Diode Laser Driver	\$10,000.00
		<ul style="list-style-type: none"> <li>Must be easily integrated into existing, complex system (LAASM Detector Prototype System)</li> <li>Must include easy-to-use controls for pulse width, repetition frequency and laser power level</li> <li>2.5 to 40 MHz repetition rate</li> <li>Short laser pulses down to 50 ps (FWHM)</li> <li>Laser power and pulse width adjustable via driver unit</li> <li>External trigger / Sync Output so that driver can be synchronized with other instruments over full frequency range</li> <li>Time-resolved fluorescence spectroscopy</li> <li>Optical time domain reflectometry (OTDR)</li> <li>Test and measurement of detectors and optical fibers</li> <li>Diffuse Optical Tomography (DOT) of biological tissue</li> <li>Fiber optic distributed temperature sensing</li> <li>Wavelengths must be able to change quickly by plugging in different laser or LED head</li> </ul>	
2	1	Diode Laser Head	\$13,150.00
		<ul style="list-style-type: none"> <li>Integrated Collimator and TE Cooler for temperature stabilization</li> <li>High Power version</li> <li>Wavelength nm (<math>\pm 10</math>) = 375</li> <li>Power Adjust = Low (Narrow Pulse) Pulse FWHM ps = &lt;70 Average Power mW (@ 40 MHz) = 0.3</li> <li>Power Adjust = High (Wide Pulse) Pulse FWHM ps = &lt;300 Average Power mW (@ 40 MHz) = 3.0</li> </ul>	
3	1	Diode Laser Head	\$5,000.00
		<ul style="list-style-type: none"> <li>Integrated Collimator</li> <li>Wavelength nm (<math>\pm 10</math>) = 635</li> <li>Power Adjust = Low (Narrow Pulse) Pulse FWHM ps = &lt;90 Average Power mW (@ 40 MHz) = 0.3 Average Power mW (@ 80 MHz) = 0.6</li> <li>Power Adjust = High (Wide Pulse) Pulse FWHM ps = &lt;400 Average Power mW (@ 40 MHz) = 2.5 Average Power mW (@ 80 MHz) = 4.0</li> </ul>	
4	1	Multi Mode Fiber Coupler with SMA connector	\$2,250.00
5	2	Multi Mode Fiber Cable	\$250.00 each
		<ul style="list-style-type: none"> <li>Length 2.0 m step index</li> <li>Core = 50 <math>\mu</math>m</li> <li>NA = .22</li> <li>Output connector SMA, one per head required</li> </ul>	\$500.00
		Shipping from Belin to UAH	\$390.00
		<b>Total</b>	<b>\$31,290.00</b>
		Business classification	Non specified
		FOB	DP
		Estimated delivery	6 weeks ARO
		Terms	N30 after delivery - No cancellations/returns after 10 days of issuance of PO
		Reference number	PQ-191-11-01-07
		Warranty	1 year on all parts except: Diodes & optics: 120 days only

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	Quotation effective until	12/31/2007
	BID AWARDED TO ALS ALLIED LASER SYSTEMS AS THE LOWEST BIDDER MEETING SPECIFICATIONS.	