# Bid Specifications: (Fluorescence Spectrometer)

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<td>Fluorescence Spectrometer</td>
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Specifications are as follows:

**Description:**

1. Versatile, computer controlled Fluorescence spectrometer; incorporates a 9.9 watt, pulsed xenon source for fluorescence and phosphorescence decay time measurements.
2. Excitation 200-800 nm and emission 200-900 nm with zero order selectable. Standard PMT covers 200-650 nm; R928 or R955 PMT optionally available for full range. Synchronous scanning with constant wavelength or frequency difference included. Excitation spectra are automatically corrected.
3. Fixed excitation and emission slits (10 nm). Scan speeds can be selected in 1 nm increments from 10-1500 nm/minute.
4. Manual 1%T attenuator for signal attenuation and validation
5. FL WinLab Software Package, Windows based software controls the instrument, sampling accessories and data collection. The software provides specific applications such as Scan, Time Drive, Ratio Data Collection, ICBC Calibration and 3D view.
6. 1V and 10 mV analog output.
7. RECTANGULAR CELL, 10MM, LID, S-GLASS PK/2
8. RECTANGULAR CELL, 10MM, LID, QUARTZ PKG/2
9. SINGLE THERMOSTATTED MS CELL HOLDER
10. FRONT SURFACE ACCESSORY
11. Lenovo M83 Win 7 - 32 Tower USA
12. 19 LCD MONITOR WIDE SCREEN (for ADC)
13. Regular Delivery

**Delivery:** *(Within 30 days of bid)*

FOB: Prairie State College, 202 S. Halsted St., Chicago Heights, IL 60411

Company Name:________________________________________________________

Signature:_________________________________________________________________

Phone Number:___________________________             Date:_____________________