**EQUIPMENT**

**[list all major equipment dedicated to the project – refers to scientific equipment or items costing $5,000 or more]**

**[sample text]: Macromolecular NMR -** Montana State University is equipped with high-field 500 MHz and 600 MHz Bruker NMR spectrometers, located in a state-of-the-art instrumentation room in the new Chemistry and Biochemistry Building. Both NMR instruments are equipped with four RF channels, deuterium decoupling capabilities, and 5 mm triple (1H, 15N, 13C) resonance probes with triple axis gradients. The 600 MHz solution NMR spectrometer has been upgraded with a new AVANCE III console and a cryogenically cooled 5mm TCI probe (cryoprobe). The upgrade has been accomplished and the upgraded instrument is fully operational.