**Facilities, Equipment, and Other Resources Template**

**Institution Name:**

**PI Name:**

**Project Title:**

**Office Space:** *Describe what office space is available to the project investigators and senior personnel that may be used to carry out the project activities. Example:* The investigators have private offices on campus, and are provided with desktop or laptop computers, monitors, telephones, and internet connectivity. The PI and/or Co-PIs have access to meeting rooms with dry-erase boards, smartboards, projectors, and other collaborative meeting tools.

**Computing Resources:** *Describe any computing resources that are available to help carry out the project activities. Example:* PI has access and secure credentials to the Arkansas High Performance Computing Center which can be operated remotely through the Pinnacle Portal. The Arkansas High Performance Computing Center (AHPCC) provides expertise, high performance computing hardware, storage, support services, and training to enable computationally-intensive and data-intensive research. It consists of 100 Intel based nodes with 20 NVIDIA V100 GPU nodes enabling data science and machine learning and 8 big memory nodes with 768 Gb ram/each for projects requiring a large memory footprint. Pinnacle features an On Demand web portal (known as the Pinnacle Portal) that allows users to remotely log in to the system and directly access common applications using the system GUI. The interface looks similar to what one would see on a standard desktop, however the applications directly access the Pinnacle cluster.

**Laboratories**: *Describe access the project team has to any laboratories that may be required to carry out project activities. Example:* The investigators have access to a number of laboratories devoted to research efforts in project-relevant domains. These laboratories include computer workstations, 3D printing capabilities, electrical workstations and robotics assembly and testing areas and capabilities.

**Classrooms**: *Describe access the project team has to any classrooms that may be required to carry out project activities. Example:* The investigators have access to buildings on campus including Example Hall and Administration Building with classrooms and instructional computer labs. The PI’s classroom seats 40 students in a traditional classroom setup.

**Software:** *Describe access the project team has to any software that may be required to carry out project activities. Example:* The investigators are provided with licenses to a variety of software such as MatLab, Microsoft Office, Microsoft Visual Studio Code, Adobe Creative Suite, software for high performance computing, and relevant open-source software like RStudio.

**Support**: *Describe what other support staff or other resources that are available to carry out project activities. Example:* The investigators have access to qualified professional staff that are available to support and assist with project implementation and administration, including IT support staff that offer prompt customer service when problems arise with technology-related hardware, software or Internet connectivity. The PI also has access to a VPN and can remotely access workstations or equipment if necessary.

**Other Relevant Resources**: *Use this space to describe any other resources that may be specific to the proposed project, but have not already been described above. Example:* PI has access to fleet vehicles for travel within the state, and a departmental travel card and purchase card to make necessary purchases and travel arrangements.