SECTION I – FACILITIES, EQUIPMENT, AND OTHER RESOURCES
(FLORIDA STATE UNIVERSITY)

The FSU astrophysics group maintains a small Beowulf system (96 Intel I7 cpus/384 cores with 12- 32GB per node) which will be used for preliminary simulations. An extension of the Beowulf system by 16 additional nodes is scheduled for spring/summer 2015. The PI has additional access to NSF XSEDE resources, including 500,000 CPU-hours on Stampede at the Texas Advanced Computing Center.

The Department of Physics at Florida State University will provide administrative support staff and office space to carry out the proposed work.