**Budget Justification – Additional Narrative**

**Rutgers, The State University of New Jersey**

**Equipment:** $5,100 for a high-end GPU server/workstation (1st year), exclusively for the proposed project. and for GPU-TI code validation/test, data analysis, and preliminary benchmarking.

**Domestic Travel:** $2,000 per year for travel to conferences/meetings and technical workshops. mainly for gaining technical knowledge in areas such as newest development in force field development research and exchanging research findings with others. We are requesting funds for one meeting per year at $2,000 per trip. Anticipated travel expenses include airfare expenses of $450, hotel expenses of $800, meal expenses of $200, and registration expenses of $550

**Fringe Costs:** Fringe rates are negotiated between Rutgers University and the U.S. Department of Health and Human Services. Fringe benefits are calculated at the approved rate of 50.53% for full time personnel, 48.58% for Post-doctoral Associates, 28.37% for Graduate Students, and 7.65% for Faculty Summer Compensation. Fringe rates can be accessed at: <https://costanalysis.rutgers.edu/fringe-benefit-rates>.

**Indirect Costs:** Indirect costs are charged at the negotiated rate of 55% (DHHS agreement dated 02/05/2018) on modified total direct costs excluding tuition, equipment over $5,000, participant support costs and the portion of each subcontract in excess of $25,000.