

## Physics PCARD justification form

Vendor \_\_\_\_\_ Amount \_\_\_\_\_ Account \_\_\_\_\_

*For use only when sufficient justification can be provided with this form. More complicated purchases should include fuller justification statements*

Description of Purchase: \_\_\_\_\_

\_\_\_\_\_

List relevant *specific* scientific effort, experimental apparatus subsystem, computation sub-project, or other identifying description that details precisely where in the project this purchase will be applicable (required):

### Why is this purchase being made for this project (indicate all that apply)?

- Addition of experimental or theoretical capability necessary to effectively meet project goals
- Evaluation and optimization of apparatus performance or computational performance
- Consumable/finite lifetime component required for operation
- Repair of failed component
- Software/analysis required for project operation and/or analyzing data
- Transmission and/or reporting of results and/or project progress
- Facilitation of collaboration
- Spare capacity to minimize disruption to project progress due to anticipated and reasonably probable device failure
- Other (provide details): \_\_\_\_\_

### How does the project benefit from this purchase?

- Addition of capability critical to accomplishing project goals
- Improvement of operations to enable (circle): higher-quality performance, faster acquisition of data<sup>1</sup>, better acquisition of data, higher degree of reliability
- More accurate, more robust, and/or more precise interpretation of scientific results
- Acquisition of knowledge necessary for effectively accomplishing project goals
- Ongoing operations not possible without purchase
- Dissemination of project results as required by sponsor
- Other (provide details): \_\_\_\_\_

\_\_\_\_\_

<sup>1</sup> This includes experimental and numerical data