

SUPPLEMENTARY TRAVEL BUDGET FOR TASK G

A Supplementary Proposal to GRANT DE-FG02-91ER40671

submitted to the

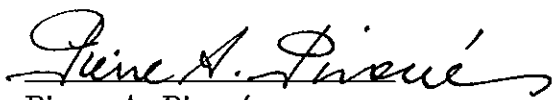
U.S Department of Energy

High Energy Physics Research

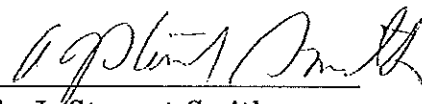
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Covering November 1, 1994 to October 31, 1995



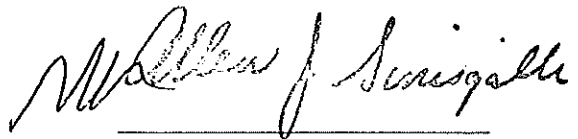
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SUPPLEMENTARY TRAVEL BUDGET FOR TASK G IN FY95

Task G of the Princeton University High Energy Physics Grant is involved in

1. Experiment E-144, a study of nonlinear QED in e -laser collisions, now taking data at SLAC,
2. The BABAR experiment at SLAC, now under construction,
3. R&D into hadron identification for B physics.

In FY94 the operating expenses associated with Task G were \$130k compared to a budget of \$80k (as allocated by the Principal Investigators of the Grant) plus a \$10k surplus left over from FY93. Thus Task G accumulated a deficit of \$40k in FY94. This deficit can only partially be absorbed by the other Tasks of our grant.

Operating expenses for Task G in FY94 were split between materials/supplies ($\sim 2/3$) and travel ($\sim 1/3$). Travel expenses are high as the operation of experiment E-144 at SLAC requires frequent trips there by K. McDonald and E. Prebys plus occasional trips by C. Bula, C. Lu and R. Wixted. Also, K. McDonald is a member of the Executive Board of the BABAR experiment which meets regularly at SLAC and occasionally in Europe.

In FY95 we project that expenses for materials and supplies will be \$60k, about \$20k lower than in FY94 since experiment E-144 is shifting from construction to data taking. However, travel expenses in FY95 will be very similar to those for FY94. That is, we foresee the need for 30 trips, mainly to SLAC, in FY95 at \$1.33k each (including indirect costs) for a total of \$40k.

Hence we project the operating expenses for Task G to be \$100k in FY95. However, the operating budget allocated for Task G is \$70k in FY95. Thus we face a \$30k deficit in FY95.

The present supplementary proposal is for a total of \$40k for travel in FY95.