DATE: March 18, 1999

TO: H. Kirk

FROM: V. LoDestro

SUBJECT: 70 MHz 8973 Amplifier Test Proposal

1.0 Scope of Work:

This proposed test specification, is intended to describe a plan for the testing and modification of one 8973 LBL Hilac Power Amplifier System and associated tubes. The work will address, in two phases, all major tasks, and sum costs and labor estimates. Don Howard’s original test estimate dated 10/1/98 is referenced as the source for LBL labor costs and task details. The work is intended to be performed without interruption spanning two fiscal years. (Late Summer through fall 99)

It should be stated that not all the equipment made operational for this test will be available to BNL. A second estimate detailing the BNL requirements will be made as this test proceeds.

All labor costs are per hour as per LBL estimated rates per discipline:

- Mechanical Engineer $76.00
- Mechanical Tech 54.70
- Electronic Engineer 100.00
- Electrical Contractor 66.58
- Electronic Tech. 64.20
- Electronic Planner/Designer 71.31
- Project Manager 100.00

Vlo : 70MHZ_tst.doc
Attachment : 70MHZ_tst EXCEL Document