LQCD – CHANGE REQUEST

Log number (provided by project office): [CR06_01]		
1) DATE: [origination date] 7-Dec-2005	**2) Laboratory/WBS: [Highest level of WBS affected]** Baseline 0.0/2.1.1.1.2	**3) ORIGINATOR:** Chip Watson, Jlab

4) WBS DESCRIPTION OF PRIMARY AFFECTED TASKS:

FY2006 Procure production hardware

5) TECHNICAL DESCRIPTION AND PRIMARY MOTIVATION OF CHANGE:

This is a deviation from the baseline plan for the LQCD project.
Original plan: Procure 130 nodes for an Infiniband cluster at Jefferson Lab using identical hardware as FNAL deployed at the end of FY2005.
Changed plan: Replace the single core Pentium 4 to a dual core Pentium 4-D
[See CR06_01 Detailed Document]

6) ASSESSMENT OF COST IMPACT (identify any change in resources needed as reflected in the WBS)
Estimated M&S Cost Increase ($): 0.00
Estimated Labor Cost Increase ($): 0.00
Estimated scientific impact (high, medium, and low) medium – increase in scientific throughput

7) ASSESSMENT OF SCHEDULE IMPACT AND AFFECTED MILESTONES (identify slip or stretch of work or change in plan):

No change. Task is 1 month ahead of schedule.

8) SECONDARY IMPACT AND OTHER COMMENTS:

None

9) APPROVALS REQUIRED (approving authorities are PM, CCB (CCB chair signs for the CCB) and CPM)

LQCD Project Manager _____Signature / Date

LQCD CCB Chair **See E-mail verification below** _____ Signature / Date **2/16/06**

LQCD Contract Project Manager (not needed) _____Signature / Date

10) APPROVAL STATUS [Filled by the Project Office]

CR approved (Yes/No)? Yes.
If yes, date of approval : CCB approved the CR on February 16, 2006 by email approval.

If no, provide a brief list of reasons for rejection : Signature / Date

Once the approving authority makes the decision, this person approves it by signing in the section 9 of this form or rejects it by listing reasons for rejection and initializing it. Please send an e-mail verification to bakulb@fnal.gov and FAX the signed copy to 630 840-6345.

<div align="center">**LQCD – CHANGE REQUEST**</div>

Supporting documents

E-mail approval:

From: "Robert Sugar" <sugar@physics.ucsb.edu>
To: "Bakul Banerjee" <bakulb@fnal.gov>
Cc: "Chip Watson" <Chip.Watson@jlab.org>; "Don Holmgren" <djholm@fnal.gov>
Subject: JLab change request
Date: Thursday, February 16, 2006 7:54 PM

Dear Bakul,
        All CCB members have approved LQCD CR06_01,
the change request from JLab to move from a Pion clone
to an extension of their dual-core SciDAC prototype, and
Don has approved it in his role as project manager. I agree,
and believe that the request is now officially approved.
        Best,
        Bob

JLab Justification Document: CR06_01justification.pdf