

**Report Outline and Reviewer Assignments**  
**Director's Preliminary Cost & Schedule Review of Project X**  
**March 16-17, 2009**

Executive Summary	<u>Ed Temple</u>
1.0 Introduction	<u>Dean Hoffer</u>
2.0 Transfer Lines & Injection	<u>Deepak Raparia</u> <u>Kathy Harkay</u>
3.0 Main Injector Recycler Ring	<u>Thomas Roser</u> <u>Alexis Smith-Baumann</u>
4.0 Instrument & Controls	<u>Willem Blokland</u> <u>Mike Spata</u>
5.0 LE Linac Cavities & Cryomodules	<u>Michael Kelly</u> <u>Eric Chojnacki</u> <u>Joe Preble</u> <u>Marc Ross</u>
6.0 HE Linac Cavities & Cryomodules	<u>Joe Preble</u> <u>Eric Chojnacki</u> <u>Michael Kelly</u> <u>Marc Ross</u>
7.0 LE Linac Power Supplies & RF Distribution Balance	<u>Ali Nassiri</u> <u>Chris Adolphsen</u> <u>Richard York</u>
8.0 HE Linac Power Supplies & RF Distribution Balance	<u>Chris Adolphsen</u> <u>Ali Nassiri</u> <u>Richard York</u>
9.0 Cryogenics	<u>Dana Arenius</u> <u>John Weisend</u>
10.0 Conventional Facilities	<u>Karen Hellman</u> <u>Martin Fallier</u>
11.0 Project Management Cost & Schedule	<u>Walter Henning</u> <u>Mark Reichanadter</u> <u>Dean Hoffer</u> <u>Ed Temple</u>
12.0 Charge Questions	
12.1 Is the cost range estimate complete?	<u>Walter Henning</u> <u>Mark Reichanadter</u>
12.2 Has the cost range estimate been prepared using a sound estimate methodology?	<u>Walter Henning</u> <u>Mark Reichanadter</u>
12.3 Is the schedule set forth reasonable?	<u>Walter Henning</u> <u>Mark Reichanadter</u>
12.4 Are the labor estimates reasonable?	<u>Walter Henning</u> <u>Mark Reichanadter</u>
12.5 Are the materials and services estimated those needed to deliver the facility?	<u>Michael Kelly</u> <u>Dana Arenius</u>

12.6 Are the estimates for the M&S reasonable at this early stage of the project?	Michael Kelly Dana Arenius
12.7 Is the estimated contingency appropriate / adequate?	Walter Henning Mark Reichanadter
12.8 Are there ways the cost could be reduced?	Chris Adolphsen
12.9 Is the PED funding profile adequately defined to support a request for PED funds later this year?	Mark Reichanadter Dean Hoffer

- Note underlined names are the primary writer.