NCSX Fabrication Project Cost and Schedule Estimating Form
(Attachment 1c - FAB)

WBS: 53 NCSX Data Acquisition

Activity Title	Manhours	FY2002 $$	Labor Type	Start Date Month/Year	End Date Month/Year	Comments
Labor						
Preliminary Design (Title I)	320		ECEM	2/1/06	4/1/06	Baseline requirements
Final Design (Title II)	480		ECEM	4/1/06	8/1/06	Final Design Review
Lab Fab/Assembly/Installation (Title III)	1280		ECEM	8/1/06	4/1/07	Software coding, configuration, test
Level of Effort						
FY2003	24		ECEM			
FY2004	24		ECEM			
FY2005	24		ECEM			
FY2006						
FY2007						

NCSX Fabrication Project Cost and Schedule Estimating Form
(Attachment 1c - FAB)

WBS: 53 NCSX Data Acquisition

Activity Title	Manhours	FY2002 $$	Labor Type	Start Date Month/Year	End Date Month/Year	Comments
M&S Costs						
Manufacturing Development						
Purchased Design Services						
Procured Hardware/Material						
Procured Hardware/Material		18.7		8/1/06	4/1/07	I/O
		4		8/1/06	4/1/07	Timing and Synchronization
		5		8/1/06	4/1/07	2 PCI/CPCI/IOCs
		5		8/1/06	4/1/07	Framegrabber channels
		5		8/1/06	4/1/07	2 Operator Interface units
		20		8/1/06	4/1/07	Data Server
		0		8/1/06	4/1/07	Tape Backup facility
		0		8/1/06	4/1/07	RAID disk subsystems
		0		8/1/06	4/1/07	Visualization software
Purchased Design Services						
Procured Installation/Assembly Costs						
Other Costs						
Travel		0		8/1/06		
Allocations (WBS 81 only)						

NCSX Fabrication Project Cost and Schedule Estimating Form
(Attachment 1c - FAB)

WBS: 53 NCSX Data Acquisition

Activity Title	Manhours	FY2002 $$	Labor Type	Start Date Month/Year	End Date Month/Year	Comments

Instructions for Completing Form

    (1) One form for each 3 digit WBS element (e.g., 111, 121, 452, etc.) => if no 3 digit WBS, use 2 digit WBS (e.g., 81, 82, 84)

    (2) For Lab labor, provide estimate in manhours => provide estimate by specific labor type.

    (3) For M&S, provide estimate in FY2002 direct dollars if procured by PPPL, or in fully loaded dollars if procured by ORNL

    (4) Start and end date provided in month/year format => March/2003