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

**WBS: 52 NCSX Central Instrumentation and Control** 

Activity Title	Manhours	FY2002 \$\$	Labor Type	Start Date Month/Year	End Date Month/Year	Comments
<u>Labor</u> Preliminary Design (Title I)	160		ECEM	2/1/06	4/1/06	Baseline requirements
Final Design (Title II)	640		ECEM	4/1/06	8/1/06	Final Design Review
Lab Fab/Assembly/Installation (Title III)	1552 600		ECEM EESM	8/1/06 8/1/06		Procurement, Installation, test Installation racks, hubs, power
Level of Effort FY2003	24		ECEM			
FY2004	24		ECEM			
FY2005	24		ECEM			
FY2006						
FY2007						

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

**WBS: 52 NCSX Central Instrumentation and Control** 

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  Purchased Design Services  Procured Installation/Assembly Costs		63 15 10 10 0 10		8/1/06 8/1/06 8/1/06 8/1/06 8/1/06	4/1/07 15 E 4/1/07 11 C 4/1/07 Deve 4/1/07 Deve	PICS IOC perator Interface units elopment SW, Real Time OS SW elopment System ng & synchronization channels
Other Costs Travel Allocations (WBS 81 only)		0		8/1/06		

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### **WBS: 52 NCSX Central Instrumentation and Control**

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

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