

NCSX Work Approval Form (WAF)

WBS Number: 51

WBS Title: Networking Infrastructure

Job Number: 5101

Job Title: Networking Infrastructure

Job Manager: Paul Sichta

Description:

The TCP/IP networking infrastructure will provide the common backbone for all data acquisition, and I&C communications.

Schedule:

See Attached

Approvals:

Job Manager

Date

Responsible Line Manager

Date

Project Manager

Date

Engineering Department Head

Date

**NCSX June 2007 ETC
TABLE I - DESIGN LABOR**

WBS Number: 51													
WBS Title: Networking Infrastructure													
Job Number: 5101													
Job Title: Networking Infrastructure													
Job Manager: Paul Sichta													
Description:													
<i>Title I and II</i>													
FY07\$K													
Activity ID	Activity Description	41MS	43MS/CC	48MS	37STK	35TRVL	ECEM	ECTB	EMTB	EASB	EEEM	EETB	Basis of Estimate
51-10	Preliminary Design						30						Originally manhours estimate based on NSTX experience. However, this estimate has been updated to reflect experience of experience on other similar networking installation projects.
51-20	Final Design						30						
51-30	Procurement	\$29.8K	\$10.0K		\$4.0K		20						
51-50	Installation						60	20	490	240			
51-60	Test						20	20					
		\$29.8K	\$10.0K	\$0.0K	\$4.0K	\$0.0K	160	40	490	240	0	0	

NCSX June 2007 ETC
TABLE II - Materials and Subcontracts

WBS Number: 51				
WBS Title: Networking Infrastructure				
Job Number: 5101				
Job Title: Networking Infrastructure				
Job Manager: Paul Sichta				
Materials and Subcontracts (M&S)				Basis of Estimate
Description:				
See Table I				

NCSX June 2007 ETC
TABLE III - Fabrication/Assembly Installation

WBS Number: 51									
WBS Title: Networking Infrastructure									
Job Number: 5101									
Job Title: Networking Infrastructure									
Job Manager: Paul Sichta									
In-house Fabrication and Assembly and Installation									
See Table I									

Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days)	Baseline Start	Baseline Finish	Shifts	Total Float	% cmplt	Proposed Budgeted							
										FY07	FY08	FY09	FY10	FY11	FY12	
51 - Network and Fiber Infrastructure																
Job: 5101 - Network and Fiber Infrastruct-SICHTA																
R51-10		Preliminary Design	30	01JUL09*	12AUG09		93		4,652.70							
R51-11		PDR	0		12AUG09		93		0.00							
R51-20		Final Design	60	13AUG09	05NOV09		93		4,721.21							
R51-21		FDR	0		05NOV09		93		0.00							
R51-30		Procurement	60	06NOV09	11FEB10		93		52,884.80							
R51-50		Installation	60	12FEB10	06MAY10		93		83,587.00							
R51-60		Test	14	07MAY10	26MAY10		93		4,766.40							
Subtotal			224	01JUL09	26MAY10		93		150,612.11							

