

NCSX Work Approval Form (WAF)

WBS Number: 73

WBS Title: Platform Design & Fabrication

Job Number: 7301

Job Title: Platform Design & Fabrication

Job Manager: Erik Perry

Description:

This WBS element consists of the activities associated with design and fabrication of the NCSX machine platform. This work scope encompasses the design and fabrication of a platform around the NCSX device, in support of various diagnostics and systems required for operation. It includes all platform material procurements.

Schedule:

See Attached

Approvals:

Job Manager

Date

Responsible Line Manager

Date

Project Manager

Date

Engineering Department Head

Date

NCSX June 2007 ETC
TABLE II - Materials and Subcontracts

WBS Number: 73							
WBS Title: Platform Design & Fabrication							
Job Number: 7301							
Job Title: Platform Design & Fabrication							
Job Manager: Erik Perry							
Materials and Subcontracts (M&S)						Basis of Estimate	
Based on actual costs for NSTX platform which had the same design. See Table III.							

NCSX June 2007 ETC
TABLE III - Fabrication/Assembly Installation

WBS Number: 73											
WBS Title: Platform Design & Fabrication											
Job Number: 7301											
Job Title: Platform Design & Fabrication											
Job Manager: Erik Perry											
In-house Fabrication and Assembly and Installation											
Job 7301 - Platform Design & Fabrication										Basis of Estimate	
		K\$	Hours					Duration in Shifts	Persons per Shift	Assumptions	
Description of Task	ACT	M&S	EAEM	Metrology	EMEM	EMSM	EMTB				
Platform nut plates	711A.040	\$0.1K					36			Based on NSTX Platform - same design	
Platform Parts	712.020	\$3.0K			32	0	300			Based on NSTX Platform - same design	
Survey and layout locations for platform posts					40	40	160	10	2	Based on NSTX Platform - same design	
Misc Platform Hardware/Material	712.030	\$16.0K								Based on NSTX Platform - same design	
Machine Platform Trial Assembly and Fit-up					48	240	960	20	6	Based on NSTX Platform - same design	
Subtotal Job 7301		\$19.1K			120	280	1456				

