

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

<b>WBS Number: 53</b>													
<b>WBS Title: Data Acquisition &amp; Facility Computing Systems</b>													
<b>Job Number: 5301</b>													
<b>Job Title: Data Acquisition &amp; Facility Computing Systems</b>													
<b>Job Manager: Paul Sichta</b>													
<b>Description:</b>													
<i>Title I and II</i>													
<b>FY07\$K</b>													
Activity ID	Activity Description	41MS	43MS/CC	48MS	37STK	35TRVL	ECEM	ECTB	EMTB	EASB	EEEM	EETB	Basis of Estimate
Originally manhours estimate based on NSTX experience. However, this estimate has been updated to reflect experience of experience on other similar networking installation projects.													
53-10	Preliminary Design						40						
53-20	Final Design						80						
53-30	Procurement	\$17.0K	\$3.0K		\$2.0K		20						
53-40	Installation							40					
53-50	MDSplus Installation						80						
53-60	MDSplus Programming - Tree Design						80						
53-70	MDSplus Programming - Shot Sync						80						
53-80	MDSplus Programming - Dispatcher						160						
53-90	MDSplus Programming - Acquisition						80						
53-110	Programming - Misc.						160						
53-120	Test						40	40					
<b>Subtotal Job 5301</b>		<b>\$17K</b>	<b>\$3K</b>	<b>\$0K</b>	<b>\$2K</b>	<b>\$0K</b>	<b>820</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>M&amp;S Details:</b>		<b>K\$</b>	<b>Basis of M&amp;S Estimate</b>										
	Linux MDSplus Server	\$3.0K	Based on recent purchased of parts for NSTX and other lab infrastructure projects										
	SAN - disk space (500 GB)	\$6.0K	Based on recent purchased of parts for NSTX and other lab infrastructure projects										
	misc.	\$3.0K	Based on recent purchased of parts for NSTX and other lab infrastructure projects										
	PC appl. TBD	\$10.0K	Based on recent purchased of parts for NSTX and other lab infrastructure projects										
<b>Total M&amp;S</b>		<b>\$22.0K</b>											