NCSX June 2007 ETC
TABLE I - DESIGN LABOR

WBS Number: 61
WBS Title: Water Cooling Systems
Job Number: 6101
Job Title: Water Cooling Systems
Job Manager: Larry Dudek

	FY07$K					HOURS												
	$1	1000	1716	1716	1716	168.7	168.7	156.5	128.59	108.44	78.33	180.79	116.7	168.88	138.6	138.6	78.33	7780.468
TASK DESCRIPTION	41MS	48MS	37STK	35TRVL	31OT	ORNLEM	ORNLDSN	EMEM	EMSM	EMSB	EMTB	EAEM	EASB	EEEM	EESM	EESB	EETB	Basis of Estimae
Design																		
Final Design (Field Run)								20					80					Based on engineering judgement from experience on NSTX
Procrurement & Fabrication/Installation																		
Procurement lead time and award								20										
3/4" Cu Pipe x 50 ft	$250										8							**Based on Means**
Solder Joints (25)											16							**Based on Means**
Valves	$100										8							**Based on Means**
Elbows	$10										8							**Based on Means**
Tees	$10										8							**Based on Means**
New Instrumentation	$1,500							20			80							**Based on Means**
Backflow preventer	$500							8			16							**Based on Means**
Heat Exchanger	$500							8			16							**Based on Means**
Pump	$100							8			8							
PTP Testing																		
Test								8			40							
TOTALS	**$2,970**	**0**	**0**	**0**	**0**	**0**	**0**	**92**	**0**	**0**	**208**	**0**	**80**	**0**	**0**	**0**	**0**	