NCSX June 2007 ETC TABLE I - DESIGN LABOR

WBS Number: 38				
WBS Title: Electron Beam Mapping	g			
Job Number: 3801				
Job Title: Electron Beam Mapping	Systems			
Job Manager: Brent Stratton				

Description: E-beam mapping will be done with an electron gun and movable fluorescent wand borrowed from Auburn University. Will use same visible TV camera as in WBS 36. Need two port extensions for 10" diameter ports. Need data acquisition system to record wand position, electron gun bias voltage and emission current. Need control capability for wand, electron gun bias voltage and emission current..

\$					Labor	Hours		Basis of Estimate	
M&S	Travel	EMEM	EMSM	EMTB	EEEM	EETB	EADM	ECEM	RM2
dapting		120							Engineering judgement - however standard design used before
ith	\$3,000								480 Engineering judgement - however standard design used before
							80		Based on conceptual design and PPPL design experience
a								300	Engineering judgement - however standard design used before
es				16		16			Engineering judgement - however standard design used before
				80					Engineering judgement - however standard design used before
				240					Engineering judgement - however standard design used before
		40		1					
\$4,000									Based on estimate provided by PPPL Construction Manager - see Table V
\$10,000	•				•			•	Based on estimate provided by PPPL Computer Division - see Table V
\$28,600									Based on estimate provided by PPPL Electrical Engineer - see Table V
\$42.600	\$3,000	160	0	336	0	16	80	300	480
it	\$4,000 \$10,000 \$28,600	sth \$3,000 a ses \$4,000 \$10,000 \$28,600	dapting 120 th \$3,000 a Ses 4,000 \$10,000 \$28,600	dapting 120 th \$3,000 a Ses 4000 \$10,000 \$28,600	dapting 120 th \$3,000 a	M&S Travel EMEM EMSM EMTB EEEM	dapting 120 th \$3,000 a	M&S Travel EMEM EMSM EMTB EEEM EETB EADM	M&S Travel EMEM EMSM EMTB EEEM EETB EADM ECEM