

NCSX June 2007 ETC
TABLE I - DESIGN LABOR

WBS Number: 19
WBS Title: Stellarator Core Manafgement and Integration
Job Number: 1901
Job Title: Stellarator Core Manafgement and Integration
Job Manager: Mike Cole

Description:

WBS 191- This effort covers general management and oversight for the Stellarator Core. It is assumed to be half time for the duration of the project.

Task ID	HOURS				Basis of Estimate
	2007	2008 thru 2010	2011		
Description: WBS 191 (Stellarator Core Management) - This effort covers general management and oversight for the Stellarator Core. It is assumed to be half time for the duration of the project. This is a Level of Effort task. Labor - Composite of ORNL Engineer / Designer Travel	Hours/year				Brad at 15% and Mike at 50%
	488 1170 dependent upon schedule				
	K\$				
	3,000	6,000	6,000		
Description: WBS 192 (Stellarator Core Integration and Global Analysis) - This effort covers design integration activities for the Stellarator Core, including global Pro-E models and drawings for the Stellarator Core, Pro-Intralink database maintenance of all drawings and CAD models, analyses common to all of WBS 1, and design criteria documents. This is a level of effort task. Labor - Composite of ORNL Engineer / Designer Travel	Hours/year				Assumed 0.3 my/yr for a design integration designer and 0.55 my/yr for an engineer. Based on an ORNL manyear of 1800 hours.
	638 1530 dependent upon schedule				
	K\$				
	3,000	3,000	3,000		Assumed 2 trips/per of the designer and engineer

Title III is shown in WBS 73 reference 2505hrs
see spreadsheet title 3 estimate for fpa and machine assy