

**NCSX Preliminary Design Cost Estimate Summary Form
(Attachment 1a)**

SUMMARY DESCRIPTION

WBS Number: 7	Title: Test Cell Preparations and Machine Assembly
Originator: Erik Perry	
<u>Description</u>	
<p>This summary-level WBS element consists of the necessary engineering and field labor to prepare the test cell and install the stellarator core systems, provide special machine assembly tools and equipment, and measurement systems. The Construction Manager is responsible for this WBS element. The Construction Manager shall participate in design reviews to assure the constructability of the NCSX facility.</p> <p>This WBS element includes the following sub-elements:</p> <ul style="list-style-type: none">• Shield Wall Reconfiguration (WBS 71);• Control Room Refurbishment (WBS 72);• Platform Design and Fabrication (WBS 73);• Machine Assembly Planning and Oversight (WBS 74);• Test Cell Assembly Operations (WBS 75);• Tooling Design and Fabrication (WBS 76); and• Measurement Systems (WBS 77)	
<p><u>Description of Existing Equipment/Facilities to be Reused:</u> None</p>	
<p><u>Description of Major Modifications Required to Existing Equipment/Facilities:</u> None</p>	

Date: 9/16/03