## NCSX Conceptual Design Cost Estimate Summary Form (Attachment 1a)

## SUMMARY DESCRIPTION

WBS Number: 453	Title: Systems Testing (PTPs)
Originator: Raki Ramakrishnan	
Description	
<ul> <li>This WBS element consists of the effort to conduct all systems-related preoperational testing, including:</li> <li>DC circuit hipots and impedance measurements</li> <li>Electrical interlocks</li> <li>Overall systems testing, including: <ul> <li>kirk key interlock testing,</li> <li>instrumentation test &amp; calibration,</li> <li>real time control system testing,</li> <li>coil protection system testing,</li> <li>ground fault monitor testing, coil power supply dummy load testing, and</li> <li>trim coil power supply dummy load testing</li> </ul> </li> </ul>	
Description of Existing Equipment/Facilities to be Reused: None.	
Description of Major Modifications Required to Exist	ing Equipment/Facilities: None.