

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

SUMMARY DESCRIPTION

WBS Number: 432	Title: D-to-C-Site DC Systems
Originator: Raki Ramakrishnan	
<u>Description</u>	
<p>This WBS element consists of the effort to design, fabricate, and install experimental D-to-C-Site DC Systems. A new cable run, approximately 600 feet long, will be installed from the East-West wing of the FCPC building at D-site, 2nd floor, to the C-site PLT OH/EF building. This will include 1000MCM cables, cable trays, and support system mounted above ground level.</p>	
<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> Some building penetrations at both ends of the run (by WBS61), some cable tray supports on outside wall of ESAT building TBD.</p>	

Date: 9/15/03