

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

SUMMARY DESCRIPTION

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|---|--------------------------------------|
| 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> | |