### **Vertical Test Stand Update**

#### C.M. Ginsburg For the VTS group

# **VTS Cryostat Procurement**

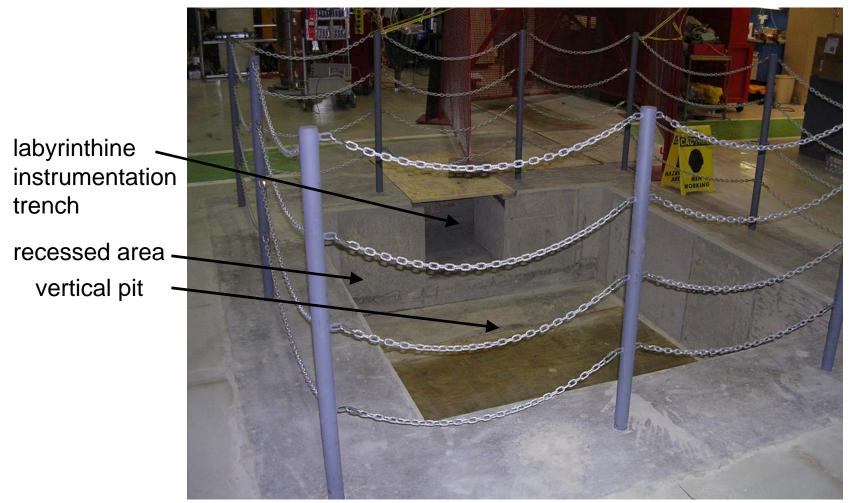
- Currently in Procurement Department
  - Ron Evans, buyer
- Send out to vendors by end of week
  - × Ability Engineering (South Holland, IL),
  - American Magnetics (Oak Ridge, TN),
  - Cryofab (Kenilworth, NJ)
  - Cryogenic Plants and Services (Linde), (Tulsa, OK)
  - CVPI (Emmaus, PA)
  - Meyer Tool (Oak Lawn, IL)
  - PHPK (Columbus, OH),
  - xyz company (WI)
- 3 weeks for vendors to respond
- 1 week for bid evaluation
- Award contract September
- Funds already allocated, so \$\$ "spent" in FY06

## Assorted VTS News Items

- Aseet Mukherjee is designing a thermometry system for 9-cell cavities
  - R&D underway; plan cryo test of cheaper thermometers in ICB (help from E. Barzi)
- Andrei Lunin made preliminary RF design for a VTS input coupler
  - Will prepare some plots showing operational range in terms of measurement quantities, then mechanical design
  - Fixed input coupler for VTS commissioning, then variable coupler (2<sup>nd</sup> top plate) for future flexibility
- Valeri Poloubotko to design the radiation shielding lid mechanical design and motion control system
  - Final design requires one more iteration with Igor Rakhno to include final civil construction detail drawings

Elsa: "But Mommy, why are you working on a hole?"

### **VTS Civil Construction Complete**



August 2, 2006

C.M.Ginsburg ILC/SRF R&D mtg