

Proposal From Mar '03

- Build barrel (pixel+strips) as Project 1
 - possible \$3M from RIKEN (JY03-JY05)
 - possible \$5M from DOE (FY05-06)
- Build endcap (one or two) as Project 2
 - possible \$4-5M from DOE (FY06-07)
 - possible PHENIX/France
- DOE
 - **CD0 merit, technical, manpower, costs**
 - CD1 preliminary baseline, preliminary design
 - CD2 approve baseline, start final design
 - CD3 start construction
 - CD4 start operations
- **Need to get CD0 by Fall 03**



CD0 Needs

- Scientific merit
- Feasible technical options
- General range of project costs and construction schedule
 - WBS, manpower, contingency analysis
- Management structure
 - collaboration, institutions, names



Proposed Schedule CD0 - Project 1

- June – August
 - develop simulations, physics
 - address questions raised during phenix-LOI Mar '03
 - WBS, costs, schedule
- Meet @BNL core week August 12-15 to review these
 - submit revised phenix-LOI
 - phenix-ec vote?
- First draft of CD0 documents middle of Sept
- CD0 documents submitted to DOE middle of Oct
- Discussion/ agreement of schedule



Tasks/People: Commitment Needed June- Aug

- Simulations (Yasuyuki, PLM, Victor, Jeff, ...)
 - physics case, x-range, first look at integration HBD/TPC,
- WBS (Craig, Yuji)
 - 0th level WBS started ISU MBA student (Dennis Grove)
 - working iteratively with Vince, Johann, Dave L, ...
 - re-link up with PHENIX (Ed, Peter Kroon...)
- Costs (Craig, Yuji)
 - iterate from Mar '03
- Technical options, existing knowledge sufficient for CD0
 - continue with R&D

