

SB2009 Cost Impact Studies

1. RDR Estimate – 6.62 B ILC – published July 07 – reference point
2. Corrections – omissions (Americas RTML floor),
double counts, errors (Americas Shaft Base Caverns), etc.
3. CFS Cooling Water – Value Engineering cost reductions
4. RTML – 1 stage BC (combine BC2 => ML)
5. 3.2 km DR
6. Low P – ½ RF drivers in ML
single ML tunnel issues: size of tunnel 4.5 => 5.2 m dia.?, safety
electronics: shielding, cooling, accessibility
7. Klystron Cluster – 1 tunnel, low-P, will have estimates for
Americas & Europe. Will we also have for Asia (CFS impact)?
8. DRFS – 1 tunnel, low-P, will have estimates for all 3 regions
9. Central Complex – still only conceptual definition phase
note: auxiliary e+ production linac not shown on CFS drawings

What do we need at Albuquerque? *Deliverables?*

- From *all Area Systems Leaders*:
updated quantities for new designs => updated spreadsheets
use *same unit cost* estimates for “old” items, but will need
new unit cost estimates for *new* items => scaling “old” est., etc.
“show me your bases of estimates”
- Area System interactions with *CF&S*: specifications for
power, cooling, temperature stability, layout space, etc.
=> *iterations* with CF&S – first pass drawings Daresbury 9/3-4
CFS is still trying for better definitions before starting estimating
- We already have *Cost Management meetings* set up with:
DR, Sources, BDS, ML & RTML, and CF&S, see agenda:
<http://ilcagenda.linearcollider.org/conferenceOtherViews.py?confId=3461&view=standard&showDate=all&showSession=all&detailLevel=contribution>
- When do we need these estimates?
Nick: need preliminary estimates for discussion *at* Albuquerque
We need to send report to AAC by mid-December (this year)!