



***cost info needed for BAW-1 proposals & BAW-2  
please give complete info, not just incremental bits!***

- CFS: specify diameter of tunnel KCS and for XFEL-like => klystron in tunnel w/ modulator in accessible location
- PMs: 1% or 10% RF overheads for cavity gradient spread? includes both HLRF & LLRF. Energy margin for reliability?
- Shigeki: latest estimate of unit costs (& quantities) for DRFS – scaling of cost of klystron & modulator w Power?  $P^\alpha$
- Chris & Chris: latest estimate of unit costs (& quantities) for Klystron Cluster pipe & CTOs. Cost of wave-guide valves. How does cost of klystron scale with power?  $P^\alpha$
- Carwardine: how does cost of LLRF scale with power?  $P^\alpha$
- Susanna: complete tech spreadsheets for 3.2 km DR for full power, low power, 10 Hz (twice duty factor – RF impact)
- PHG: do 10 MW modulators work for e- Source at 10 Hz?