Initial thought on infrastructure for lab installation in Puebla Ian 14 June 2017

Woh! impressive, I hope you have lots of space !

I would say that you can take the GEM activities in 904 as a good

indication of what and how and when, other than the super clean room.

Just a few comments on space and time;

Storage space for ......stuff, besides the obvious chamber elements.

People. Somebody on the spot driving it along. He/she needs the technical support to get the numerous jobs done soon.

Gas supply infrastructure, this is a big item before you get the gas consumption bill. Large installation outside the building.

Go beyond the immediate needs in above as you will expand interests in the future.

Gas detection for flammable and insufficient O2 risk.

Set up your QC posts, production areas, tables.

Put in office space next to the lab so that the active people are connected all day.

The AC is not simply a few units through the walls. A full temp and hygrometric system.

A "clean room" for final assembly, a room where cutting, unpacking etc is not done.

Triple the time you expect things to get done by !

Think big, these are big Muon chambers.

This list is here;

http://project-cms-rpc-endcap.web.cern.ch/project-cms-rpc-endcap/rpc/UpscopeHighEta/RPCDevelopements/Mexico/Puebla/InitialThoughtsLabInstallationPueblaIan14June2017.docx