

Kondo Gnanvo

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Sent: Tuesday, May 14, 2024 2:04 PM
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Cc: Aschenauer, Elke; Rolf Ent
Subject: [EXTERNAL] FY25 R&D proposals and reports
Attachments: RD_Appendix.pdf

Dear Project R&D Participants,

it is time to discuss the next steps in our path, i.e., the FY25 projects. This call is somewhat different than before in that we have on January 7-9 a DOE review of the EIC project that includes assurance that we are on the path to CD-2 – project baselining – and we expect the CD-2 review then to occur late 2025. The expectation is that R&D has mitigated technical risks before CD-2 baselining. This implies the project detector R&D will dwindle down. In some cases, such as any required final engineering runs for ASICs and Si sensors, the work can be categorized as Project Engineering and Design (PED) activities.

Proposals & Progress Reports

1. Please submit your proposals and progress reports (where applicable) to us by **July 1, 2024**. We aspire to have a DAC meeting well in time to prepare for contracts at the beginning of FY25.
2. We expect progress report from all ongoing projects. What milestones were achieved. How did our understanding improve?
3. What is the status towards completions, and what is left to do to complete the final project milestones? (see appendix below)
4. You may submit FY25 continuation proposals if and only if technical risk milestones remain. Note that work towards final engineering runs of ASICs and Si sensors may become a PED activity.

The proposals should be relatively straightforward to write. Keep them short and concise. List whatever technical risks remain, the milestones, deliverables, and two money matrices showing cost/item and funding/institution to close those remaining risks. Also list the representatives for each institution. List all participating members and institutions on the front page. Projects dealing with ASICs and Si sensors please also give, if applicable, an outlook for the years past FY25.

Be aware that R&D should not be mixed with PED. If you are not sure, talk to us. The proposals should concentrate on detector R&D tasks that mitigate project detector technical, risk. In the attached file we give the

formal P6 project milestones and completions dates, and our best attempt on the status as distilled from the recent Detector R&D day.

DAC Review Meeting

With the project detector R&D expected to dwindle down towards CD-2, we will limit the meeting to a two-day review meeting in the July-August period. The FY25 proposal goals of all projects seeking continuation should be presented as well as a short status report of all FY23/FY24 completed work and plans. Please include an outlook towards completion of the formal P6 project milestones.]

More details on the DAC meeting will be announced in time.

Best regards,

Elke, Rolf, and Thomas

P.S. Please distribute this email among your institutional reps/contacts in your project. Thanks!

