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Alex Jentsch  
BNL  
Project: eRD112

Dear Alex,

We are writing to you in response to your proposal for EIC Project Detector R&D entitled "FY23 Report and FY24 Proposal on EIC AC-LGAD R&D", submitted by you on July 3, 2024, applying for FY25 funding.

We reviewed the situation and your proposal carefully and in accordance with the project's priorities, planning status, and the overall eRD112 R&D situation. We felt this was a good place to move to the engineering and design phase continuing from the eRD112 progress and successes. We agreed with the observation of the proposal that the further sensor production depends on the outcome of testing for the FY24 HPK production, and the technology transfer of the BNL AC-LGAD work to Taiwan. We will provide the equivalent funding for the other proposed activities through PED. The PED funding will be provided either through JLab or BNL as indicated in the table below.

eRD112 Institution	Contract Lab	Amount
BNL	BNL	\$90,000
LBNL	JLAB	\$95,000
LANL	JLAB	\$40,000
UIC	JLAB	\$32,000
UCSC	BNL	\$55,000
Hiroshima U.	JLAB	\$30,000

For JLab we ask you or your colleagues from the respective institutions to get in touch with Beni Zihlmann ([zihlmann@jlab.org](mailto:zihlmann@jlab.org)) and provide the necessary information. For the BNL part please get in touch with Elke Aschenauer.

With best regards,

Thomas Ullrich and Rolf Ent

CC: Elke Aschenauer, Beni Zihlmann, Anna Mendez