

HR0011SB20254-13

**Pulsed High-power Laser Accelerators to Study radiation Hardening (PHLASH)
Frequently Asked Questions (FAQs)**

1. We note that the prerequisite preliminary design is for 100MeV, but the aim of the program is to demonstrate 50MeV. Is this correct or are both meant to be the same, and if so, 50 or 100 MeV?

A: The reference to a preliminary design of a 100 MeV design is mentioned in the Phase I description. As this is a direct to Phase II solicitation, proposers must demonstrate that a “Preliminary design, with schematics, of a compact 100MeV, >100Hz repetition rate, LWFA system showing all required components and their specifications” has been achieved in order to submit a proposal. The solicitation asks for a 50MeV physical prototype, not just a preliminary design.