**Project Name: Beam Dynamics**

**Project Description (1-2 paragraphs):**

**Project type** – (add/delete as needed): R&D only (paper project)

**Project Manager**: Vadim Ptitsyn

Project Monitor: Vladimir Litvinenko

**Project Deliverables:**

**Key Performance Parameters** list which, when achieved, signal the project’s end:

**Subsystem Groups/Departments involved** (add/delete as needed):

ESSHQ

RF

Accelerator Physics

Design

Mechanical

Electrical

Cryogenics

Instrumentation (Beam Dynamics/Control, Systems Integration, Accelerator components)

Vacuum

PreInjector

Controls

Facilities & Experimental Support (Water, Survey, Rigging, etc.)

Physics Support

Power Distribution

Communications & Electronic Support

Photocathode

Accelerator R&D group

SRF group

Physics Department

Superconducting Magnet Division

Instrumentation Division

**Expected Project Horizon** (project duration, in months):

**Key personnel and expected percentage of time per month:**

**Major Milestones:**

**Decision points:**

**Major Risks:**