WBS ID	Name
1	**Laser driven proton and ion source**
1.1	laser
1.2	Target and vessel
1.3	Simulation
2	**Proton and ion capture**
2.1	Gabor lens
2.2	Simulation
2.3	Alternative technologies for risk mitigation
3	**Stage 1 beam transport: Beam transport and delivery to the in vitro end station**
3.1	Optics design
3.2	Tracking simulations
3.3	Magnet technology
3.4	Abort line
4	**Stage 2 beam transport: Post-acceleration and beam delivery to the in vivo end station**
4.1	Optics design
4.2	Tracking simulations
4.3	Ion transfer line to second in vitro end station
4.4	FFA and transfer line technology
4.5	Abort line
5	**Biological end stations**
5.1	In vitro end station
5.2	In vivo end station
6	**Infrastructure and Integration**
6.1	Civil and services
6.2	Installation
6.3	Controls and monitoring
7	**Project plan for the delivery of LhARA**
7.1	**Costing**
7.1.1	Laser
7.1.2	Capture
7.1.3	Stage 1
7.1.4	Stage 2
7.1.5	End Stations
7.1.6	Integration
7.1.7	R&D and TDR
7.1.8	Safety
7.1.9	Cost of risk mitigation
7.2	Project plan: R&D and TDR
7.3	Risk register and mitigation
8	**Safety**
8.1	Radiation
8.2	End stations
8.3	Global controls and interlocks
8.4	Construction
9	**End-to-end simulation**
9.1	Coordination of input from other work packages
9.2	Running end-to-end simulation
10	**Instrumentation**
10.1	Beam diagnostics
10.2	Dosimetry
10.3	Laser diagnostics
10.4	Gabor lens diagnostics
10.5	End station diagnostics