



# Sample Project: The ISOLDE Facility is dedicated to the production of low...

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Programme	TRAIN-PTES
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## Title

The ISOLDE Facility is dedicated to the production of low...

## Description

The ISOLDE Facility is dedicated to the production of low energy radioactive ion beams. In order to improve beam manipulation we are seeking a mechanical engineer for the upgrade of existing equipment and the development of prototype instrumentation for beam characterization. In collaboration with a beam physicist, the successful candidate will be required to develop mechanical systems involving high precision assembly, stepping motors and mechanical dynamics as well as providing specifications for controls support. The candidate will also be expected to provide technical drawings and participate in the procurement of various components.

## Skills

Mechanical Engineering: Computer integrated/aided design, Mechatronic systems, Structural mechanics and machine development

## Disciplines

Mechanical Engineering

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