

PEM Fuel Cell (PEMFC) test bench and a PEM Electrolyser (PEMEC) test bench.

Detailed description:

In summary, the Goods comprise the supply, delivery and on-site installation of a PEM Fuel Cell (PEMFC) test bench and a PEM Electrolyser (PEMEC) test bench, for Trinity College Dublin (TCD). Trinity College Dublin is seeking a single supply contract with regard to the above-mentioned pieces of equipment. This will facilitate fundamental research and development work on single cell or short stack fuel cells and electrolyzers. The aim of this work is to not only support systematic evaluation of different catalysts, MEAs, flow field plate geometries etc, but to also consider the impacts of cell compression, water accumulation and air / hydrogen supply conditions as a means of developing accurate reduced order performance models.

Type of contract:

Supplies

Response deadline (Irish time):

04/07/2022 14:00:00

CPV codes:

38000000-5 Laboratory, optical and precision equipments (excl. glasses)

38432000-2 Analysis apparatus