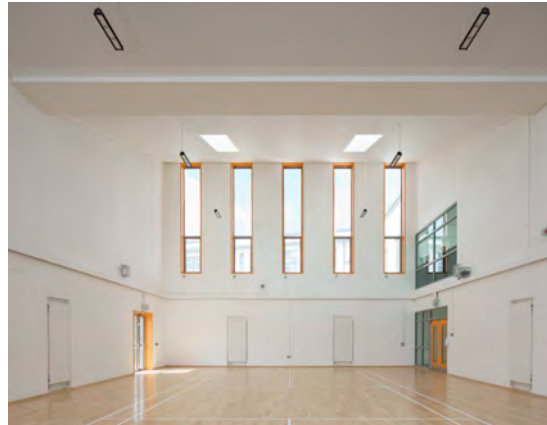




Kanturk National School

Kanturk, Co. Cork



Customer

The Commissioners of
Public Works in Ireland

Construction Period

August 2020 - February 2022

Architect

Office of Public Works, Head
Office,
Jonathan Swift Street, Trim,
Meath

Civil & Structural Engineer

PHM Consulting, 11 Mallow
Street,
Limerick

Quantity Surveyor

Tom McNamara & Partners,
57 Parnell Street,
Ennis,
Clare

Services Engineer Malachy

Walsh and Partners, Park
House,
Mahon Technology Park,
Bessboro Road,
Blackrock,
Cork

Description

Vision Contracting Ltd., were appointed Main Contractor and PSCS by the Office of Public Works in respect of the construction of the new school. The contract utilised was the PW-CF1- Public Works contract designed by the Employer.

The scope of works consisted of the construction of a new two-storey primary school with a total internal floor area of 3253m² on a green field site. The works included 16 classrooms with double toilet cubicles, a general-purpose hall, library and support accommodation. The school included 4 stairwells with 2 passenger lifts with the capacity of 630kgs each.

Construction of a new Special Needs Unit / ASD Unit consisting of a separate entrance and reception, 3 base classrooms with adjoining withdrawal rooms, Para-Edu room, multi-sensory room, central activities space and all associated toilets, stores and sluice rooms.

The mechanical services included 2 gas fire boiler with an output of 217Kw each with with a direct fired water heater. Black iron pipework to LST radiators. A 12,300 Ltr rain water harvesting tank was installed for all grey water.

The electrical services consisted of 74 PV panels with an output of 25.16 kWp, car charging point and all general services. Air leakage specification was a minimum of 3m³/Hr/m², which was achieved.

Some of the key additional works to the contract were as follows:

- Introduction of a dual vehicular charging points.
- Specialist DPM and screeds to floors to received floor finishes.
- Additional boundary wall works and reinstatement.
- Upgrading of sill support brackets to include thermal breaks.
- Enhancement of ceiling finishes.