

Pre-Qualification Assessment

Scope of Works

Mechanical – Reserved Specialist

Project:

**National Centre for Research and Remembrance -
Phase 3-A Social Housing Works**

**63-72 Seán McDermott Street Lower, Dublin 1, D01
NX93**

National Centre for Research and Remembrance - Phase 3-A Social Housing Works

Scope of Works: Mechanical – Reserved Specialist

For the purposes of this document, the works shall be carried out in Building D; Social Housing on the National Centre for Research and Remembrance Campus on Seán McDermott Street Lower, Dublin 1.

The mechanical services works for the project shall generally comprise the following:

1. Utilities

Liaison with all utility service providers for the project.

2. Heating Services

Supply and Installation of the new heating system including heat pumps, pumps, pipework, radiators, underfloor heat where required, controls etc.

3. Water Services

Supply and installation of new water services system including pipework, mains, cold, hot water flow and return, cold water storage tanks, booster pumps etc.

4. Ventilation Services

Supply and Installation of new ventilations systems, ducting, heat recovery units, extract etc.

5. Building Management System

Supply and Installation of new building management system (BMS) to control mechanical plant and systems.

6. Soils and Waste Systems

Supply and installation of all above ground soils and waste pipework.

7. Fire Services

Supply and Installation of portable fire extinguishers and fire blankets through the building.

8. Sprinkler System

Design, supply, installation, testing, commissioning, certification and handover of a completed sprinkler system in compliance with the requirements of BS 9251:2021.

The system must be provided by a specialist contractor with Loss Prevention Certification Board (LPCB) LPS 1048 Level 4 Certification for sprinkler systems.

The sprinkler system Works shall be Contractor Design Development Work as defined in the Agreed Rules of Measurement 5 (ARM 5).

9. Pipework Trace Heating

Supply and Installation of trace heating system for external pipework.

10. Site Services

Supply and Installation of the new mechanical site services, external pipework etc.

11. Inspection, Testing, Commissioning and Certification

Inspect, test, commission and certify the entire mechanical services installation.

12. Operation and Maintenance Manuals

Provide comprehensive and detailed O&M documentation and record drawings.

13. Demonstrations

Provide comprehensive demonstrations to parties nominated by the stakeholders. Demonstrations to be recorded and included as part of the O&M documentation.