

26-017-PHSP (T1)

PRELIMINARY HEALTH AND SAFETY PLAN

Colaiste Mhuire
Boiler System Upgrade
Emergency Works

kcetb
Bord Oideachais agus Oiliúna
Chill Chainnigh agus Cheatharlach
Kilkenny and Carlow
Education and Training Board

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EnerJ
BUILDING SERVICES ENGINEERING

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FOREWARD

EnerJ Building Services Engineering and Building Performance Ltd. has prepared this Preliminary Health and Safety Plan for the Coláiste Mhuire Boiler Upgrade Emergency Works. The Plan brings together health and safety information obtained from the Client, the tender drawings, the mechanical design, the builders works requirements and the M&E Safety in Design assessment.
This Preliminary Health and Safety Plan is issued to prospective Contractors as part of the tender documentation. Tenderers shall take account of the specific requirements, constraints and residual risks identified in this document when preparing their tender, programme, resources, method statements, lifting plans and temporary works proposals.
The appointed Main Contractor shall undertake the role of Project Supervisor Construction Stage (PSCS), unless advised otherwise by the Client. The PSCS shall develop this Preliminary Plan into a Construction Stage Safety and Health Plan before construction work proceeds on site.
The Safety in Design / M&E Risk Register for the works is included as Appendix D. This Plan does not remove the requirement for the PSCS, Contractors and Sub-Contractors to prepare their own site-specific risk assessments and method statements.

Safety, Health and Welfare at Work (Construction) Regulations 2013

All prospective contractors tendering for the works must be aware that the Safety, Health and Welfare at Work (Construction) Regulations 2013 apply to this project. The appointed Contractor / PSCS shall comply with all duties imposed by the Regulations and all other relevant statutory requirements.
All persons employed on site shall hold a current SOLAS Safe Pass Card where required.
Persons undertaking tasks requiring Construction Skills Certification Scheme (CSCS) registration shall hold current and appropriate cards.
The PSCS shall coordinate arrangements to verify Safe Pass / CSCS compliance for all contractors and sub-contractors.
Where statutory thresholds are reached, the PSCS shall facilitate the appointment of a Site Safety Representative and Safety Officer as required.
The PSCS shall coordinate and maintain welfare facilities, site access controls, emergency procedures, inductions, permit systems and site safety records.
Construction work shall not commence until an adequate Construction Stage Safety and Health Plan has been developed by the PSCS and submitted to the Employer's Representative.
The contractor shall provide all requisite watching and lighting during the progress of the works and they shall be responsible for any damage occasioned by want of sufficient watching and lighting.

Specific Requirements for Contract Award

Prior to contract award and prior to commencement on site, the successful Contractor shall provide the following information as a minimum:

- Company Safety Statement and project-specific Construction Stage Safety and Health Plan.
- Written acceptance of the role of PSCS, where applicable.

- Evidence of competence, resources and experience to complete domestic water services remedial works in an occupied education / training building.
- Evidence of insurances as required by the contract documents.
- Outline programme identifying service shutdowns, out-of-hours working, sequencing and commissioning periods.
- Site-specific risk assessments and method statements for isolation, drain down, work above ceilings, attic works, tank removal, hot works, electrical isolation, water hygiene controls, flushing, disinfection and commissioning.
- Traffic management / access control proposals where deliveries, skips, plant or parking may interface with building users or public routes.
- Emergency arrangements, first aid provision and site contact list.
- Waste management arrangements, including disposal of redundant tanks, pipework, water heaters, insulation and general construction waste.
- Proposals for development and handover of the Safety File.

1.0 Project Health and Safety Responsibilities

1.1 Introduction

This Preliminary Health and Safety Plan collects and passes on information about significant health and safety risks which the appointed Contractor / PSCS will have to manage during the construction stage. It should be read in conjunction with the tender drawings, specification, pricing document, domestic water services review and Safety in Design risk register.

The Contractor must make full allowance in their tender for complying with all relevant Regulations, standards and good industry practice, including the cost and program implications of working in an existing occupied building with live services.

1.2 PSCS Role

The appointed Main Contractor shall act as Project Supervisor Construction Stage (PSCS), unless the Client confirms an alternative arrangement. The PSCS shall develop this Preliminary Health and Safety Plan into a Construction Stage Safety and Health Plan before works commence.

1.3 Commencement Condition

Construction works shall not commence until the PSCS has submitted an adequate Construction Stage Safety and Health Plan, which addresses the site-specific risks and constraints identified in this document. The plan shall be issued to the Employer's Representative in advance of commencement on site.

1.4 General Health and Safety Principles

Eliminate risks where practicable through planning, sequencing and isolation.

Reduce residual risks through competent supervision, safe systems of work, permits, segregation, access control and commissioning procedures.

Maintain safe access and emergency escape routes for building users at all times.

Maintain water hygiene standards and prevent contamination of potable water services during the works.

Ensure that no service is returned to normal use until it has been tested, commissioned and verified as satisfactory.

Ensure all contractors cooperate and coordinate with the Client, Employer's Representative, designers, PSCS and building management.

2.0 Project Particulars

Item	Details
Project Name	Coláiste Mhuire Boiler Upgrade Emergency Works
Project Number	26-020
Site Name	Coláiste Mhuire Secondary School
Site Address / Location	Urlingford Road, Warrwnstown, Johnstown, Co. Kilkenny
Employer / Client	Kilkenny and Carlow Education and Training Board (KCETB) Philip Doyle / Philip.Doyle@kcetb.ie / 087 211 2220
Employer Address	KCETB, Seville Lodge, Callan Road, Kilkenny
M&E Consulting Engineer / Employer's Representative	EnerJ Building Services Engineering and Building Performance Ltd.
EnerJ Address	86 Springfort Meadows, Nenagh, Co. Tipperary, E45 NC80
EnerJ Contacts	John Hayes / johnhayes@enerj.ie / 086 028 6302
Project Supervisor Design Process	EnerJ Building Services Engineering
Main Contractor	TBA - Appointed Contractor
Project Supervisor Construction Stage	TBA - Appointed Contractor
Document	Preliminary Health and Safety Plan
Document Number	26-020-PHSP-Rev T1

3.0 The Nature of the Project

3.1 Location

The works are located within the existing boiler plantroom serving Coláiste Mhuire. The plantroom forms part of an operational education facility and interfaces with existing heating distribution systems serving the school.

3.2 Nature of the Works

The works comprise the replacement of the existing boiler plant with a new gas-fired condensing boiler cascade, together with associated mechanical, electrical, controls, flue, roof, drainage, fire-stopping and builders works.

The principal activities include:

- Survey, identification, isolation and safe decommissioning of the existing plantroom services.
- Removal from site of 3 No. existing boilers, associated shunt pumps, local pipework, valves, fittings and condensate lines.
- Removal of the existing common boiler flue system, supports and weathering components, and making good the redundant roof penetration.
- Disconnection and strip-back of existing gas pipework to an agreed connection point; removal of redundant oil pipework and fittings.
- Strip-back and modification of high-level LPHW flow and return pipework and existing headers to suit the replacement arrangement.
- Installation of a new modular gas condensing boiler cascade, hydraulic separation / plate heat exchanger arrangement where indicated, primary circulation pumps, expansion and pressurisation equipment, safety devices, magnetic filtration, controls and BMS interfaces.
- Replacement of existing heating circulation pump sets, 3-port valves, actuators and strap-on temperature sensors where indicated.
- Installation of new gas header, isolation, proving, interlocks, emergency shut-off and gas detection arrangements as specified.
- Installation of a new boiler flue system and new roof penetration, including supports, access, flashing and weatherproofing.
- Electrical decommissioning of the existing MCC and installation / modification of controls and power supplies serving the new plant.
- Sealing of existing service pop-ups and the below-floor service pit using proprietary fire-rated sealing screed, with a bolted and gasketed removable inspection hatch retained for future access.
- Testing, flushing, chemical cleaning where required, pressure testing, gas soundness testing, commissioning, combustion analysis, balancing, certification and handover.

3.3 Restrictions on Working Hours

Working hours shall be agreed with the Client and Employer's Representative prior to commencement. Tenderers shall allow for out-of-hours works where required to minimise disruption, particularly for service shutdowns, isolation, drain down, flushing, disinfection, noisy works and any works affecting building users.

3.4 Intended Contract Dates

Contract award, mobilisation and completion dates are to be confirmed by the Client / Employer's Representative. Tenderers shall submit a detailed programme with their tender, clearly identifying lead-in time for equipment, shutdown windows, sequencing, commissioning and handover period.

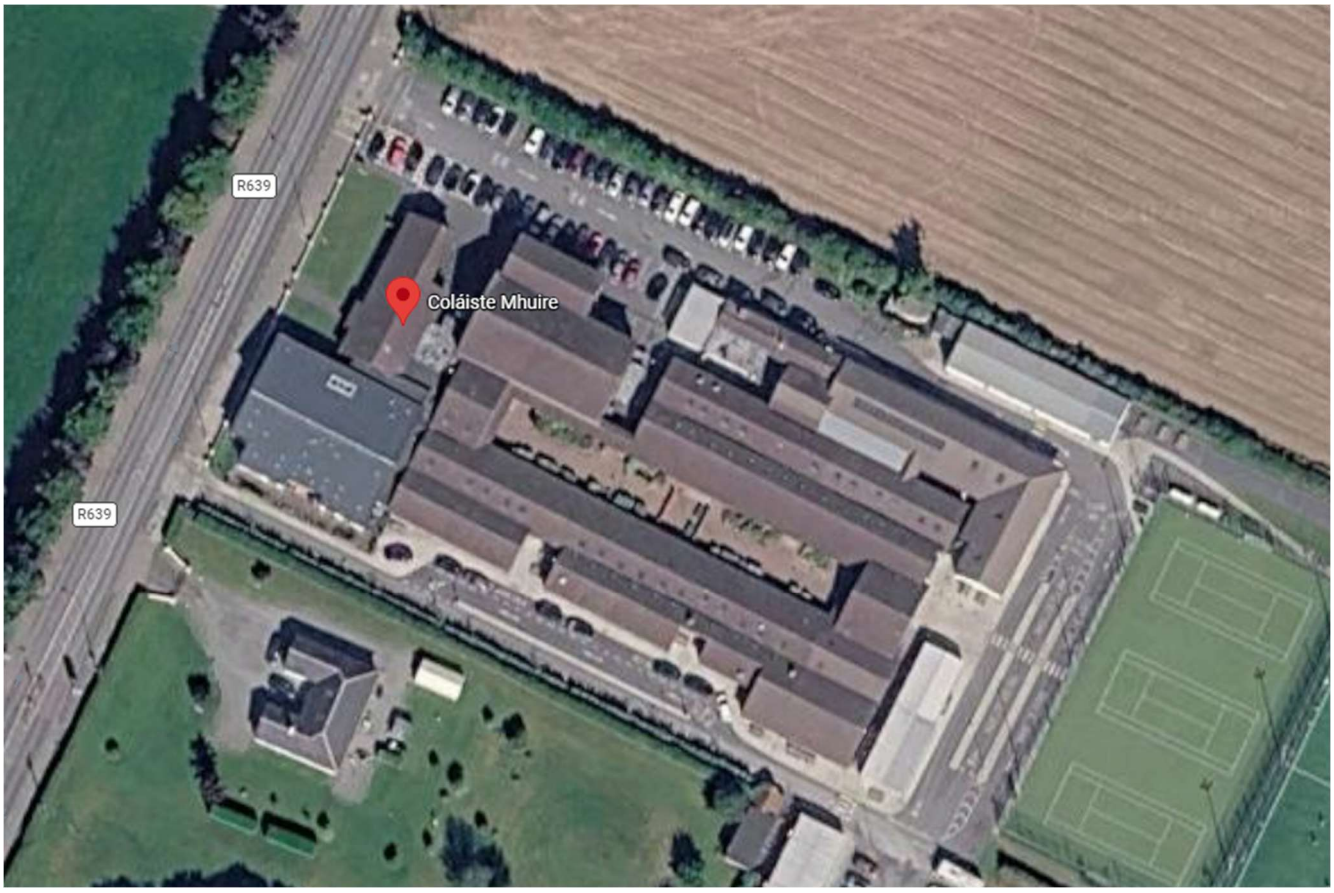
3.5 Environmental Restrictions and On-Site Risks

The site is located within an industrial estate and the building may remain occupied or partially occupied during the works. The Contractor shall strictly control access to work areas and maintain safe segregation between construction activities and building users.

4.0 The Site and Existing Environment

4.1 Description of the Site

Access, parking, delivery routes, contractor compound, storage and welfare arrangements shall be agreed with the Client and Employer's Representative at the pre-start meeting.



4.2 Existing Structures

The existing building structure, roof, finishes and fire compartmentation shall be protected. Before forming the new flue penetration, the Contractor shall verify the roof build-up, structural members, waterproofing system and any concealed services. Roof works shall be planned to prevent falls, water ingress and damage to the building.

4.3 Existing Services

- Existing gas service and common gas header serving retained boilers / other loads.
- Existing LPHW headers and four school heating circuits with circulation pumps and 3-port control valves.
- Existing MCC panels, controls wiring, temperature sensors and electrical supplies.
- Existing condensate and drainage routes.
- Redundant oil lines and associated residues.
- Existing below-floor heating services within the services pit and floor pop-ups.
- Existing fire detection, emergency lighting and escape-route provisions.

- Exact routes, isolation points and operational dependencies may not be fully represented on the drawings. The Contractor shall survey, trace, identify, isolate and prove all services before cutting, drilling, dismantling or connecting.

4.4 Ground Conditions

No significant excavation works are envisaged. Should the Contractor propose excavation, drilling or ground penetration, the Contractor shall obtain approval from the Employer's Representative and shall verify underground services before commencing.

4.5 Asbestos and Hazardous Materials

No asbestos survey has been provided as part of this PHSP. The Contractor shall remain vigilant when opening ceilings, voids, service routes and plant areas. If suspect asbestos containing materials or other hazardous materials are encountered, works shall stop immediately and the PSCS / Employer's Representative shall be notified. Works shall not recommence until the material has been assessed and appropriate controls are in place.

5.0 Drawings and Information

The following tender information has been used in preparation of this Preliminary Health and Safety Plan:

Document No.	Title
26-020-SP-M (T1)	Mechanical Services Specification
26-020-M-100 (T1)	Mechanical Services Boiler House Demolition Works
26-020-M-101 (T1)	Mechanical Services Boiler House New Works
26-020-M-102 (T1)	Mechanical Services Boiler House Schematic
26-020-E-100 (T1)	Electrical Services Domestic Water Services Layouts - Ground and First Floor
26-020-PD (T1)	Pricing Document - Domestic Water Services Upgrade Works
26-020-Safety in Design	Safety in Design - M&E Risk Assessment Report / Risk Register

6.0 Design and Particular Risks

6.1 Introduction

The PSDP / Designer shall apply the general principles of prevention and identify project-specific risks that may not be immediately apparent to a competent contractor. The following risks and constraints have been identified for inclusion in this Preliminary Health and Safety Plan. The detailed M&E risk register is included in Appendix D.

6.2 General Site Set-Up

Contractor site establishment, storage, welfare and parking arrangements shall be agreed at the pre-start meeting.

Work areas shall be physically segregated from building users with suitable barriers, signage and access control.

The Contractor shall maintain a signing-in/signing-out system and restrict unauthorised access to work areas.

The Contractor shall maintain clean, safe and unobstructed access routes and escape routes at all times.

The Contractor shall coordinate shutdowns and disruptive works with the Employer's Representative and building management.

6.3 Risks Identified by the PSDP / M&E Designer

Risk / Constraint	Design Stage Information / Required Contractor Control
Live gas / gas isolation	Existing gas pipework shall be isolated, locked off, proved, purged and made safe by a competent Registered Gas Installer. Gas work shall be sequenced to avoid uncontrolled release and maintain any retained gas services.
Gas accumulation in services pit	The open pit may act as a low-level gas reservoir. Openings are to be sealed gas-tight with a proprietary fire-rated system and gasketed access hatch. Atmosphere testing is required before any pit access.
Boiler / flue removal	Existing boilers and common flue sections are heavy and awkward. A lifting plan, controlled dismantling sequence, suitable lifting equipment and exclusion zones are required.
Roof penetration and work at height	New flue penetration and making good of the redundant penetration require safe roof access, edge protection / fall restraint, weather controls and coordination with roof structure.
Hot works and combustible residues	Cutting and welding may be required near old oil lines, insulation and gas services. Oil lines shall be drained and cleaned; gas services isolated; hot-work permits and fire watch implemented.
Heating system pressure and hot water	Existing LPHW systems may retain pressure and high-temperature water. Drain down, cooling, isolation and verification are required before opening pipework.
Electrical isolation / MCC replacement	Existing MCC and controls may contain multiple incoming supplies or backfeeds. Lock-out/tag-out, proving dead and identification of retained circuits are required.
School occupancy and loss of heating	Programme outages to minimise disruption. Maintain segregation and provide contingency arrangements for delayed commissioning or cold weather.

Fire compartmentation	All disturbed penetrations and the service pit sealing shall use tested systems installed by competent personnel with product data and photographic records.
Commissioning and combustion products	Boilers shall not operate until flue integrity, ventilation, condensate, gas proving, controls, safety devices and CO protection are confirmed. Combustion analysis and certification are required.
Gas accumulation in services pit	The open pit may act as a low-level gas reservoir. Openings are to be sealed gas-tight with a proprietary fire-rated system and gasketed access hatch. Atmosphere testing is required before any pit access.

6.4 Schedule 1 Particular Risks

The works are expected to involve work at height, lifting of heavy plant, work involving existing gas services and work within a constrained plantroom. Entry into the service pit is not intended; any proposed entry shall be treated as a separate high-risk activity and assessed for confined-space hazards. Other Schedule 1 risks are not anticipated based on the current design information, but the PSCS shall review this as the works develop.

6.5 Designer's Risk Assessment

The M&E Designer's Risk Register / Safety in Design Assessment is included in Appendix D and shall be considered by tenderers when pricing, programming and planning the works.

7.0 Construction Materials and Substances

The following materials and substances may be present or used during the works. This list is not exhaustive and shall be developed by the PSCS as part of the Construction Stage Safety and Health Plan. Copper or multilayer composite barrier pipework, valves, fittings, insulation and associated jointing materials.

- Natural gas and residual gas within existing pipework.
- Heating-system water containing corrosion debris, sludge and chemical inhibitor.
- Residual fuel oil and contaminated residues within redundant oil lines.
- Condensate from gas condensing boilers, including neutralisation media where specified.
- Steel / copper pipework, valves, pumps, plate heat exchanger, pressurisation equipment and expansion vessels.
- Boilers, flue components, insulation, sealants, gaskets and weathering materials.
- Chemical cleaners, flushing agents, inhibitors and biocides where specified.
- Fire-rated sealing screed, mineral-wool backing, fire collars, wraps and sealants.
- Electrical cables, isolators, control panels, sensors and BMS components.
- Waste materials including boilers, flues, pumps, oil lines, controls, insulation, packaging and potentially contaminated absorbents.

The PSCS shall maintain a register of hazardous substances and Safety Data Sheets (SDS) and shall ensure appropriate COSHH / chemical risk assessments, storage, PPE and disposal arrangements are in place.

8.0 Site Wide Elements

8.1 Site Access and Egress

Contractor access and egress shall be agreed with the Client and Employer's Representative. Access routes shall be kept clear and shall not obstruct emergency access, pedestrian routes, exits or operational building entrances.

8.2 Pedestrians and Building Users

Existing pedestrian routes shall be maintained where possible. Where routes are affected by the works, alternative safe routes, signage, barriers and temporary controls shall be provided.

8.3 Site Traffic and Deliveries

Deliveries shall be planned to avoid peak building-use times where practicable. Vehicles shall not obstruct entrances, sight lines, emergency access, escape routes or public roads. A banksman shall be used where reversing or restricted visibility creates risk.

8.4 Noise and Vibration

Noisy works shall be agreed in advance with the Employer's Representative and building management. Noisy operations shall be programmed to minimise disruption to teaching, training and administration activities.

8.5 Dust and Water Hygiene

Dusty works and flushing works shall be controlled to prevent nuisance, contamination, slips or damage to finishes. Affected outlets shall be labelled or isolated during works and shall not be returned to service until verified.

8.6 Off-Loading and Storage

Materials shall be stored in agreed areas only. Storage shall not block access routes, plantrooms, doors, fire escape routes, corridors or operational areas. Materials shall be stored securely to prevent unauthorised access.

8.7 Site Accommodation and Welfare

Welfare arrangements shall be provided or agreed by the PSCS in accordance with statutory requirements. This shall include access to toilets, washing, drinking water, rest facilities and first aid.

8.8 Security

The PSCS shall maintain site security, signing-in procedures and access control. Work areas shall be segregated from staff, students, visitors and members of the public at all times.

8.9 Fire Safety

The existing fire safety arrangements shall be maintained. Fire escape routes shall remain clear. Fire detection shall not be isolated without agreement and shall be reinstated immediately after works. Hot works shall be controlled by permit and fire watch.

8.10 Temporary Electrics

Temporary electrical installations shall be designed, installed, tested and certified by competent persons. 110V tools shall be used where applicable. Existing circuits shall be isolated, locked off and proved dead before works.

9.0 Overlap with Client Undertaking

The works are within an existing education / training building and may overlap with Client operations. The Contractor shall liaise with the Client, Employer's Representative and building management to ensure safe coordination of all works.

9.1 Fire / Emergency Procedures

The Contractor shall follow the Client's fire and emergency procedures and shall ensure all operatives are inducted on emergency routes, assembly points, alarm procedures and emergency contact arrangements.

9.2 Client Rules for Contractors

The Contractor shall comply with the Client's site rules, safeguarding requirements, access restrictions, signing-in procedures, parking arrangements, security requirements and any additional requirements advised at the pre-start meeting.

9.3 Client Operations

The works may overlap with school operations and retained building services. The Contractor shall liaise with the Client, Employer's Representative and school management to coordinate access, heating outages, fire precautions and emergency arrangements.

10.0 Site Rules

10.1 Prevention of Nuisance

Noise shall be controlled and noisy works agreed in advance.
Dust, debris and flush water shall be controlled and removed as works proceed.
Waste shall not accumulate outside agreed storage areas.
Pollution of drainage, external areas or water services shall be prevented.
Work areas shall be left clean, safe and secure at the end of each working period.

10.2 PPE

The PSCS shall assess PPE requirements and ensure appropriate PPE is worn by all operatives and visitors. Minimum site PPE shall be defined by the PSCS and shall include additional PPE for task-specific risks such as eye protection, gloves, respiratory protection, hearing protection and fall protection where required.

10.3 Work at Height

Work above ceilings, access to attic spaces and high-level services works shall be planned and carried out using suitable access equipment. Ladders shall only be used where risk assessed and appropriate for short duration tasks. Mobile towers, podium steps or MEWPs shall be used where required.

10.4 Manual Handling

The Contractor shall risk assess manual handling of tanks, water heaters, pipework, access equipment, tools and materials. Mechanical aids or team lifting shall be used where required.

10.5 Hot Works

Hot works shall be avoided where practicable. Where unavoidable, a hot works permit shall be implemented, combustible materials shall be removed or protected, appropriate extinguishers shall be available and a fire watch shall be maintained after completion.

10.6 Isolation and Permit to Work

Isolation of electrical, water or heating services shall be planned, agreed and recorded. Electrical works shall be isolated, locked off and proved dead. Water systems shall be drained down and made safe before cutting into pipework.

10.7 Reporting of Accidents and Dangerous Occurrences

The PSCS shall report and record all accidents, incidents, near misses and dangerous occurrences in accordance with statutory requirements. The Employer's Representative shall be notified of all such events.

10.8 Safe Pass / CSCS

The Contractor shall demonstrate compliance with SOLAS Safe Pass and CSCS requirements for their own personnel and sub-contractors.

11.0 Continuing Liaison

This Preliminary Health and Safety Plan reflects the project information available at tender stage. The Plan shall be reviewed and developed by the PSCS as the project progresses. Health and Safety shall be a standing agenda item at project meetings.
Designers shall notify the PSDP / PSCS of design changes which materially affect health and safety.
The PSCS shall notify the PSDP / Employer's Representative of unforeseen hazards, changed conditions or proposed alternative methods that affect risk.
Service shutdowns and access restrictions shall be agreed in advance with the Client / Employer's Representative.
The PSCS shall coordinate contractors and sub-contractors to prevent conflicting works, unsafe interfaces and uncontrolled service interruptions.
Any design or construction change shall be assessed before implementation and recorded in the Construction Stage Safety and Health Plan and Safety File as required.

12.0 Information to be Supplied by PSCS with Tender

Tenderers shall include sufficient information with their tender to demonstrate their ability to manage the health and safety requirements of the project. As a minimum, tenderers shall provide:
Outline Construction Stage Safety and Health Plan.
Project-specific outline programme identifying shutdowns, out-of-hours works, access requirements and commissioning sequence.
Confirmation of acceptance of PSCS role, where applicable.
Safety Statement, insurances and evidence of competence.
Outline RAMS for key activities including water isolation, drain down, attic tank removal, work above ceilings, electrical isolation, USWH replacement, BCWS installation, fire stopping, flushing and disinfection.
Details of proposed site supervision and safety management arrangements.
Traffic management, segregation and access control proposals.
Waste management proposals.
Emergency contact and first aid arrangements.
Proposals for development and delivery of the Safety File.

Appendix A - Suggested Format for Developed Safety and Health Plan

Section	Required Content
1.0 General	Description of project, person responsible for PSCS duties, contractor safety policy and project objectives.
2.0 Organisation and Management	Organisation chart, safety responsibilities, named supervisor, safety officer where required, emergency contacts and contact numbers.
3.0 Health and Safety Standards	Standards, legislation, procedures, permits and contractor rules to be applied.
4.0 Communication and Coordination	Arrangements for inductions, toolbox talks, coordination meetings, contractor briefings and information exchange.
5.0 Risk Assessments and Method Statements	RAMS for all high risk and task-specific activities, including subcontractor RAMS.
6.0 Particular Risks	Controls for water hygiene, occupied building interface, live services, work at height, fire stopping, hot works, manual handling and service interruptions.
7.0 Emergency Procedures	Fire, accident, first aid, evacuation, spill, flooding and emergency service arrangements.
8.0 Welfare	Toilets, washing, drinking water, rest facilities, first aid and hygiene controls.
9.0 Training and Competence	Safe Pass, CSCS, electrical competence, manual handling, working at height, hot works and task training.
10.0 Site Rules	Access, PPE, segregation, traffic, housekeeping, waste, permit to work and reporting requirements.
11.0 Safety File	Arrangements for collecting as-built drawings, certificates, manuals, fire-stopping records and commissioning data.
12.0 Monitoring and Review	Site inspections, audits, incident review, corrective actions and close-out arrangements.

Appendix B - Information Required for Safety File Prior to Practical Completion

The Contractor / PSCS shall provide the following information to the PSDP / Employer's Representative before Practical Completion. Delay in submission of required Health and Safety File information may delay Practical Completion.

- As-installed mechanical, gas, flue, condensate, electrical and controls drawings.
- Boiler cascade O&M manuals, warranties, commissioning records and combustion-analysis reports.
- Gas installation, soundness, purging and commissioning certification; gas detection and emergency shut-off test records.
- Flue manufacturer data, installation certificate, support details, terminal location record and roof weathering details.
- Pressure-test certificates, flushing / cleaning records, chemical dosing records and final water-treatment analysis.
- Pump, plate heat exchanger, pressurisation unit, expansion vessel, safety valve and control settings.
- Electrical test certificates, MCC schematics, circuit schedules, controls points list and BMS commissioning records.
- Fire-stopping certificates, product data, installer records and photographs of concealed works.
- Service-pit sealing system data, tested detail, installation records and access-hatch load / gasket information.
- Waste-transfer records for boilers, oil lines, flues, pumps, insulation and hazardous residues.
- Roof-work completion / warranty information and photographs of new and redundant flue penetrations.
- Updated risk information and maintenance access requirements for the completed Safety File.

Appendix C - Legislation Applicable to Construction Sites

- Safety, Health and Welfare at Work Act 2005.
- Safety, Health and Welfare at Work (Construction) Regulations 2013, S.I. No. 291 of 2013, as amended.
- Safety, Health and Welfare at Work (General Application) Regulations 2007 to 2021, as amended.
- Safety, Health and Welfare at Work (Work at Height) Regulations 2006, as applicable.
- Safety, Health and Welfare at Work (Chemical Agents) Regulations 2001, as amended.
- Safety, Health and Welfare at Work (Exposure to Asbestos) Regulations, as applicable.
- Fire Services Acts 1981 and 2003.
- Building Control Acts and Building Regulations, as applicable.
- I.S. 10101 National Rules for Electrical Installations.
- Relevant Irish, British and European Standards, Codes of Practice, HSA guidance and manufacturer's instructions.

Statutory Construction Forms

- AF1 - Notification by Client to HSA where applicable.
- AF2 - Notification by PSCS to HSA where applicable.
- CR / GA forms for lifting equipment, hoists, MEWPs, excavations and related plant where applicable.
- WH1 - Work Equipment for Work at Height Inspection Form where applicable.
- IR1 - Form of Notice of Accident.
- IR3 - Form of Notice of Dangerous Occurrence.

Appendix D - M&E Designer Risk Register / Safety in Design Assessment