Unit A6, M4 Business Park, Maynooth Road, Celbridge, Co. Kildare, W23 VFY7 (Tel: 01-6274103)

RATOATH JUNIOR NATIONAL SCHOOL,
FAIRYHOUSE ROAD,
RATOATH,
CO. MEATH,
DUBLIN 15.
A85 P262.

ROLL NUMBER: 00885T

'VOLUME D1'
OF THE
WORKS SPECIFICATION

PRELIMINARY HEALTH & SAFETY PLAN

TENDER ISSUE (T1)

Document Control: J26066/T1/VD1

Rev:	Date:	Prepared By:		Quality Check By:	
T1	**02.11.26**	**Robert Whyte**		**Mark Gormley**	

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1.0 DESCRIPTION OF PROJECT.

The Preliminary Safety and Health Plan was prepared in accordance with the Safety, Health and Welfare at Work (Construction) Regulations 2013 Safety, Health and Welfare at Work Act 2005. This project shall be constructed in such a way, that the risk to Health and Safety of all persons engaged in its construction, future use, and maintenance are eliminated or reduced to an acceptable level under current Health and Safety Legislation.

Project description & programme details

Project Name:	Electrical works to Ratoath Junior National School
Project Address:	Fairyhouse Rd, Ratoath, Co. Meath, A85 P262.
Project:	Electrical works to Ratoath Junior National School

Ratoath Junior National School is a national school building located in Ratoath, Co. Meath. Ratoath Junior National School shares a campus with another national school, Ratoath Senior National School. This project entails works in decommissioning and replacing the existing electrical installation throughout Ratoath Junior National School. Refer to the drawings for further information on the works to be carried out.

The scope of the works will be as follows:

- Decommissioning and removal from site of the existing electrical boards throughout the building. All existing electrical boards shall be replaced with new electrical boards (apart from the new cooker boards as indicated on the drawings, new sub mains cables shall be provided for these).
- Upgrade the existing ESB supply so that the Senior school has its own ESB meter and ESB supply. Separating the ESB supply from the Senior School and the Junior School so that each building has its own independent ESB supply.
- Decommissioning and replacing of the existing power & general services installation throughout the building and installation of a new power & general installation throughout the building.
- Decommissioning and replacing of the existing general lighting installation throughout the building and installation of a new general lighting installation with lighting controls throughout the building.
- Decommissioning and replacing of the existing emergency lighting installation throughout the building and installation of a new emergency lighting installation that shall be compliant with I.S. 3217:2023 throughout the building.

- Decommissioning and replacing of the existing fire alarm installation throughout the building and installation of a new fire alarm installation that shall be compliant with I.S. 3218:2024 throughout the building.
- Supply and installation of a new cable carrier system throughout the school building to cater for the proposed new electrical wiring to be installed.
- The existing ICT system installation, intruder alarm system installation and CCTV system installation shall be retained throughout the school building.
- All electrical works as highlighted on the drawings and the specifications.
- Thorough cleaning of the building once all works are completed so that the building is clean and tidy for re-opening on the building.
- All associated preliminaries for the project.
- All associated decommissioning works.
- All builders' works associated with the above. See 'Builders Work Schedule' in 'Volume C1 – Pricing Schedule' for further details.
- Acting as Project Supervisor Construction Stage for the project.
- Carrying out all works in compliance with current health and safety regulations.
- Any other works associated with the works as identified on the drawings and the specifications.

The Contractor shall be deemed to have carried out a site visit prior to the completion of his tender and ensure that all factors, site conditions and items are taken account of necessary to complete the installation and to leave same in a complete working condition to the satisfaction of the Employer's Representative.

No extras or variations shall be allowed for additional work that could have been ascertained by visiting the site.

Applicants interested in visiting the building will need to contact Ratoath Junior National School at 01-8256639 to arrange an appropriate appointment to visit the site during the tender period. Do not visit the School with out prior arrangement with the School.

Timeframe

The proposed and anticipated timescale for the project is as follows:

- Anticipated Project Start Date: *Monday 1st February 2027*
- Anticipated Project Completion Date: *Friday 20th August 2027*

It will be a condition of appointment that the Contractor can meet this programme.

It is proposed that discussions on programme will be held between all parties prior to any works commencing to agree an overall programme and timescales.

The Contractor shall take into consideration when tendering this project for all out-of-normal working hours and all costs associated with it included within their tender. Each tendering contractor should allow fully with his tender price for sufficient resources for the safe execution of the contract for the anticipated programme as outlined above. The project is programmed to be completed within a short timeframe and the Contractor must allow for the necessary resources to complete the works within this timeframe.

The Contractor shall be responsible to resource the project so that all works as identified on the tender drawings and specifications are completed in a safe and satisfactory manner before the proposed completion date. In any event, the Contractor must allow for sufficient resources to complete all the works identified for the project and hand over to the client before the dates highlighted.

No additional cost will be paid for overtime working. The Contractor's Tender is deemed to include for the cost of all necessary overtime, attendances and all other expenses that may be necessary to execute and complete the works within the Contract Period.

Continuing Liaison

Procedures must be in place with respect to considering the safety and health implications of design decisions, which remain to be made, or design changes occur during the construction.

- The PSCS will promptly bring to the attention of the PSDP, any such decisions that he/she is aware of.
- In the event of significant unforeseen risks coming to light during the execution of the works, such as would affect the safety on the site, the PSCS should inform the PSDP so that any changes in the design that may be required, can be agreed.

- Similarly, any significant design changes proposed during construction stage for any reason should be notified to the PSDP for assessment.

Details of all Parties involved

'THE EMPLOYER'

Ratoath Junior National School,
Fairyhouse Rd,
Ratoath,
Co. Meath.
A85P296.
Tel: 01-8256639
Contact: Mrs. Meabh Madden

'THE BUILDING/AREA'

Ratoath Junior National School,
Fairyhouse Rd,
Ratoath,
Co. Meath.
A85P296.

'CONSULTING ENGINEER AND EMPLOYER'S REPRESENTATIVE'

Galileo Energy Services,
Unit A6,
M4 Business Park,
Celbridge,
Co. Kildare.
W23 VFY7
Tel: 01-6274103
Mob: 085-8071429
Email: robert@galileoenergy.ie
Contact: Mr. Robert Whyte

'PROJECT SUPERVISOR DESIGN PROCESS (PSDP)'

Galileo Energy Services,
Unit A6,
M4 Business Park,
Celbridge,
Co. Kildare.
W23 VFY7
Tel: 01-6274103
Email: gerd@galileoenergy.ie
Contact: Mr. Gerd Benndorf

'PROJECT SUPERVISOR CONSTRUCTION STAGE'

The successful Tendering Contractor.

Extent & location of existing records & Plans

The drawings provided are based on existing plans insofar as possible. See above for description of project. Copyright is reserved on the tender documents, which include all drawings, specifications, sketches and the like.

These documents may only be used in relation to the works as outlined in this contract. Photocopying of documents is not permitted without prior permission of the Client or Consulting Engineer.

Any copies of documents made during the execution of the works shall be returned to the Consulting Engineer prior to final payment. The document, drawings and records are provided in confidence, for the sole purpose of completing the works.

These documents, drawings and records shall not be disclosed to any third party or used for any other purpose with the expressive written permission of the Client.

2.0 CLIENTS CONSIDERATIONS & MANAGEMENT REQUIREMENTS

General

The General Principles of Prevention are set out in descending order of preference as follows:

1. Avoid risks.
2. Evaluate unavoidable risks.
3. Combat risks at source.
4. Adapt work to the individual, especially the design of places of work
5. Adapt the place of work to technical progress.
6. Replace dangerous articles, substances, or systems of work by non-dangerous or less dangerous articles, substances, or systems
7. Use collective protective measures over individual measures
8. Develop an adequate prevention policy
9. Give of appropriate training and instruction to employees.

The Safety & Health Plan must be developed by the PSCS prior to and during the works on site. The plan shall identify the proposals for managing and coordinating safety and health during the construction.

The PSCS should develop this Safety and Health Plan so that it:

- Incorporates the approach adopted for managing safety and health during the construction stage.
- takes into account of the relevant sections of the Safety Statements prepared by the different contractors under Safety, Health and Welfare at Work Act 2005.
- identifies specific control measure for dealing with Particular Risks
- As-built drawings, specifications etc. used and produced throughout the construction process.
- incorporates common arrangements.
- documents the arrangements for effective co-operation and co-ordination
- arrangements for monitoring compliance with the Safety and Health Plan and with safe working procedures.
- checking persons on site have received appropriate safety and health information and training.
- arrangements for effective communications between all parties and arrangements for appointing a site safety representative.
- includes information and arrangements for the welfare of workers, toilet, wash facilities.
- The plan is modified as necessary as work progresses and as changes occur.

And upon completion, the following information shall be added;

- General details of construction methods and materials used.
- Details of equipment and maintenance facilities within the structure.
- Manuals produced by specialist contractors and suppliers, which outline operating and maintenance procedures and schedules for plant.
- Details and locations of utilities and services and their maintenance/ isolation, including emergency and fire fighting systems, equipment, routes etc.
- Details of hazardous substances and safety data sheets.

Project Supervisor Construction Stage (PSCS)

The successful Tendering Contractor shall act as the Project Supervisor for Construction Stage (PSCS) and the cost to fulfill this role shall be included in the Contractors submitted tender price. The role of the PSCS is to manage and co-ordinate health and safety matters during the construction stage.

The PSCS shall be appointed by the Client/School Authority to carry out the role as PSCS for the project.

The successful Contractor is to appoint competent persons as Supervisor for the Construction Phase (PSCS) in accordance with the current Health & Safety Legislation, with particular regard to the Safety, Health and Welfare at Work (Construction) Regulations 2013 and the Safety, Health and Welfare at Work Act 2005.

The duties of the PSCS include the following:

- Advise the Client of the requirements of the Construction Regulations.
- Identify hazards arising from the design or from the technical, organisational, planning or time related aspects of the project.
- Where possible, eliminate the hazards or reduce the risks, in advance & during, the construction stage (by implementing the General Principles of Prevention).
- Coordinate the implementation of the construction regulations by contractors, welfare facilities on site & safe working procedures.
- Organise the required co-operation between contractors.
- Ensure all workers have appropriate safety training, including Safe Pass & CSCS.
- Communicate necessary control measures, safety management systems and safety principles to contractors & workers.
- Cooperate with the PSDP & Design Team to ensure safety.

- Prepare a written Construction Stage Safety and Health Plan for the project, from the Preliminary/ Design Process Safety Plan.
- Coordinate the implementation of Temporary Work Certification.
- Collect & prepare information for the Safety file for the completed structure and give it to the PSDP.
- Notify the Health & Safety Authority and the client of non-compliance with any written directions issued.
- Coordinate the reporting of accidents to the HSA.

The Project Supervisor Construction Stage must notify the Health and Safety Authority of any site where:

- The construction work is planned to last longer than 30 working days; or
- The volume of construction work is scheduled to exceed 500 person-days.

A working day is any day where the construction work is carried out, even if the work is of short duration, or the day is a holiday, or over a weekend. A person day is one individual, whether they be supervisors or other employee(s), carrying out work for one normal shift.

The notice must be submitted before the commencement of work on site. The particulars required to be notified are set out in the Approved Form AF2.

Co-ordination

The Contractor shall allow for holding daily update meetings to the Clients representative every morning to update the Client on what works will be carried out for the day. This shall be done by arranging a meeting with the Clients Representative first thing every morning to give a list of what works will be carried out for the day.

Opes

The Contractor shall ensure that any opes drilled through the walls or roof, shall be fully patched-up and fire proofed. The same will adhere for any compartment fire walls were opes have to be drilled.

General Site Induction

The Client shall provide all the Contractors personnel with site induction training. This shall be carried out in one session so the Contractor shall ensure that all personnel that will be working on the project are in attendance on the time and date agreed with the Client for the site induction training.

The site induction training shall be given to fully inform the Contractors personnel and operation of the site and of their responsibilities and in particular the safety aspects of the site.

3.0 SAFETY STATEMENTS AND METHOD STATEMENTS

Safety and Method statements must relate fully to this project only, e.g. the identification of hazards therein, and to enshrine the health & safety principles of prevention in the protection of employees and for others who may enter onto this site, or be effected by this work outside the line of site fencing etc. The safety statement shall include the names of authorized deputies and job titles. Commitment signed by the Managing Director of the company to uphold the health and safety principles of this project, in compliance with current regulations.

Method statements shall describe the method to be employed by the contractors to ensure that hazards and risks associated with this work have been identified, and that the hazards or risks will be reduced or eliminated to an acceptable level as far as reasonable practicable.

The method statement shall also specify the plant or equipment to be used and the safety procedures to be adapted when using plant or equipment. The contractor is obliged to ensure that all works will be carried out in accordance with all relevant safety standards. Method statements are required where a particular task involves a specific risk to people and to all other parties who may be affected by the contractor's actions.

Permits

The PSCS shall apply a permit system for all works i.e. hot works permit, dismantling works, decommissioning works, etc. and in conjunction with these works, a method statement shall be attached to the permit. See above for description of method statement required. All permits to be co-ordinated with the Client and all permits are to be signed by the Client before proceeding with the works. If the permit is not signed or sanctioned by the Client, then the works shall not proceed.

Hot Work Permits are in operation for all blow-gas/welding/brazing/cutting and grinding, and other activities, which may involve heat or sparks, within the building(s). All hot works must be accompanied by adequate firefighting equipment, extinguishers and blanket.

Communication

The PSCS shall communicate the following:

- Advise the Client of the requirements of the Construction Regulations.
- Communicate necessary control measures, safety management systems and safety principles to contractors & workers.
- Notify the Health & Safety Authority and the client of non-compliance with any written directions issued

The Project Supervisor Design Process (PSDP) and Project Supervisor of Construction Stage (PSCS) reserves the right to stop the works if it is deemed that the work will pose a threat to the safety and health of persons on the site.

General

In addition to the above, all persons on site must comply with any directions given to them by the PSCS in relation to Health, Safety and Welfare matters.

All personnel have a responsibility for their own safety and the safety of others, and they must conduct themselves accordingly.

Any persons who engage in horseplay or willfully endanger others by their actions or neglect must be instantly dismissed from the site.

Any person found under the influence of alcohol or non-prescription drugs and is deemed to put their safety or the safety of others at risk must be removed from this site immediately.

All site visitors/design team, without exception, must wear personal protective clothing when entering the site.

Alterations/adaptations must be agreed with the client/engineer before implementation.

4.0 RESTRICTIONS AFFECTING THIS PROJECT

General

It is intended that this project will commence as indicated above under 'Timeframe' and it is programmed to be completed within a short timeframe. The Contractor should note that the buildings will be live for the duration of the works.

The Project Supervisor for Construction stage shall ensure that the building is in a safe condition at all times, so that the users of the Building can visit the Building at any time even during the works.

Asbestos register

See 'Appendix 3' to the back of this report for the asbestos register/RDAS survey.

There is Asbestos Containing Materials (ACM's) in the following:

- Vinyl Floor Tiles with Bitumen in Classroom 9 & 10.

The asbestos will not be disturbed as part of the works.

Restrictions on working hours

Please note the following:

- From the 1st February 2027 to the 29st june 2025, the building will be occupied so all works shall be completed outside school operating hours and shall be completed between 3pm and 11pm Monday to Friday except with the prior permission of the Employer's Representative and Client.

- From the 30th June 2027 to the 20th August 2027, the building shall be empty. All works shall be completed during normal working hours which is 8am to 5pm Monday to Friday except with the prior permission of the Employer's Representative and Client.

Each tendering contractor should allow fully with his tender price for sufficient resources for the safe execution of the contract for the anticipated programme as outlined above.

The project is programmed to be completed within a short timeframe and the Contractor must allow for the necessary resources to complete the works within this timeframe.

Restrictions on Parking

There may be limited access for on-site parking of contractors' vehicles, or for the unloading of plant or equipment.

The Contractor shall ensure a Method statement for traffic management is prepared for this site, which may include expected delivery times.

The Contractor shall ensure a Flagman (Banks man) is employed to control traffic on the public road during the deliveries of equipment or plant.

Safety signage shall be erected in both directions on this road to give advance warning to oncoming traffic and other road users.

All delivery vehicles reversing near the building or in the vicinity of the building must be equipped with an audible alarm when reversing and must be assisted by a banks man when reversing.

Noise/Dust/Vibrations

Noise emissions shall comply with BS 5228 Noise Control on Building Sites.
The PSCS shall ensure noise/ dust/ vibrations are kept to a minimum, so far as reasonable practicable. Contractors shall ensure that overall noise levels are maintained at an acceptable level, and should not exceed 85 dB (A).

The public road to the front of this Building must be maintained free of all builders rubble, clay etc.

Existing Environment

The building is located in an urban area.

Existing Electrical Services

The majority of the existing electrical services throughout the building shall be decommissioned and replaced. The existing CCTV, intruder and door access installations shall be retained.

Existing Mechanical Services

The existing mechanical services throughout the building shall be retained.

Escape Routes

The Contractor shall ensure that all exits from the building shall be kept free from obstructions. The working areas are to be maintained in a tidy condition.

The Contractor(s) shall ensure that the immediate working areas are free from combustible materials and that timber floors and skirting boards will be protected from heat source, when using a blowtorch, welding equipment or other equipment that generates heat or sparks within this building.

The Contractor shall also ensure that welding equipment be fitted with a flame arrest system and that a fire extinguisher is located close to the working area.

All cylinders of flammable or explosive gases shall be removed from the Building at the end of each working day and secured in a ventilated enclosure.

Access to the working area

The building will be open for the Contractor for 8am every morning from Monday to Friday. No works shall take place at weekends.

Deliveries to site

All deliveries for the works shall be delivered to site between 9am and 5pm Monday to Friday.

Working in a live building

For the majority of the works, the school building shall be vacant. However, for some parts, the building may be live for some times during the works and as a result, staff and students shall be using the school building during the duration of the project.

Staff and Students will not be allowed enter the site without permission of the Contractor.

Therefore, the Contractor shall allow for the following:

- Allow for the safe moving of plant and equipment to the room. No plant, material, etc. shall be moved through the building.
- There shall be no contact with the Staff or Students.
- The Contractor will be allocated some car-parking spots by the Client.
- See above in regards to deliveries.

Project Drawings

See doc issue sheet for drawing schedule.

5.0 SELECTION OF THE PROJECT SUPERVISOR FOR CONSTRUCTION

General

It is intended that the successful Tendering Contractor shall also be appointed as the Project Supervisor for Construction Stage (PSCS). The role of the PSCS is to manage and co-ordinate health and safety matters during the construction stage.

The PSCS shall be given a copy of this preliminary health and safety plan as part of his tender documents.

Certain particular risks, which are evident, and reasonably deducted from drawings or other supporting documentation, might not be explicitly listed in this preliminary health and safety plan, and additional particular risks may arise during construction. The PSCS must co-ordinate measures to ensure that procedures are in place for the identification of such risks and the means of dealing with them and to ensure that the safety and health plan is updated as and when necessary.

The duties of the PSCS include the following:

- Advise the Client of the requirements of the Construction Regulations.
- Identify hazards arising from the design or from the technical, organisational, planning or time related aspects of the project.
- Where possible, eliminate the hazards or reduce the risks, in advance & during, the construction stage (by implementing the General Principles of Prevention);
- Coordinate the implementation of the construction regulations by contractors, welfare facilities on site & safe working procedures.
- Organise the required co-operation between contractors.
- Ensure all workers have appropriate safety training, including Safe Pass & CSCS.
- Communicate necessary control measures, safety management systems and safety principles to contractors & workers.
- Cooperate with the PSDP & Design Team to ensure safety.
- Prepare a written Construction Stage Safety and Health Plan for the project, from the Preliminary/ Design Process Safety Plan.
- Coordinate the implementation of Temporary Work Certification.
- Collect & prepare information for the Safety file for the completed structure and give it to the PSDP.
- Notify the Health & Safety Authority and the client of non-compliance with any written directions issued
- Coordinate the reporting of accidents to the HSA.

The Project Supervisor Construction Stage must notify the Health and Safety Authority of any site where:

- The construction work is planned to last longer than 30 working days; or
- The volume of construction work is scheduled to exceed 500 person-days.

A working day is any day where the construction work is carried out, even if the work is of short duration, or the day is a holiday, or over a weekend. A person day is one individual, whether they be supervisors or other employee(s), carrying out work for one normal shift. The notice must be submitted before the commencement of work on site. The particulars required to be notified are set out in the Approved Form AF2.

AF1 Form

Copy of AF1 form included in Appendix 2.

6.0 PARTICULAR RISKS

Schedule 1 – Non Exhaustive list of work involving particular risks to the safety, health & welfare of persons at work

	Second Schedule	*Applicable*	*N/A*
1.	Work which puts persons at work at risk from chemical or biological substances constituting a particular danger to the safety and health of such persons or involving a statutory requirement for health monitoring (Asbestos/ Glass wool etc.).		N/A
2.	Work with ionizing radiation requiring the designation of controlled or supervised areas as defined in directive 96/29/Euratom (Radon Gas may be present in this Building).		N/A
3.	Work near high voltage power lines. High Voltage is defined as Exceeding 1000V AC or 1500V DC.		N/A
4.	Work exposing persons at work to the risk of drowning.		N/A
5.	Work on wells, underground earthwork and tunnels.		N/A
6.	Work carried out by divers at work having a system of air supply.		N/A
7.	Work carried out in a caisson with a compressed air atmosphere		N/A
8.	Work involving the use of explosives (Welding Gas)		N/A
9.	Work involving the assembly or dismantling of heavy prefabricated components (fans)		N/A
10.	Working in close proximity to earth moving machinery or plant (Trench for services)	YES	

Note: This preliminary risk assessment is based upon information available at the time when the design was carried out.

Designers Risk Assessment

Method Statements and performance standards referred to in the following risk assessments must embrace the general principles of prevention and all necessary codes & standards applicable, to achieve a safe working environment throughout this project and for the future construction & maintenance of the building. Suggested Documentation for use in coordinating and when carrying out the Design of a structure:

- Permanent Works Design Certificate (RF1) which may be used for co-ordination of the design of the Permanent works including specialist designs on a project.
- Temporary Works Certificate (RF2) which may be used for coordinating the design of the temporary works.

Hazards/Identification	***Action/Solution***
Electrocution/ Shock/ Burns	The contractor shall ensure that a tag-on tag-off system of isolating electrical panels etc. is maintained throughout this project
Worn or defective equipment	Defective extension leads or equipment, ladders etc. should not be used. Employees have a duty to report to their employers any defects found on equipment or tools.
Fall from ladders or platforms	Falls from ladders occur mainly when the person using the ladder is over reaching, or from placing the ladder on an unstable base, or using defective ladders. The use of ladders on this project shall comply fully with regulation 72, 73 & 74 of the SHAWAW Construction Regulations 2001.
Eye injuries from working without eye protection	Caused by the use of equipment that generates dust particles from drilling, nail guns etc. The employee has a duty of care to protect himself and others who may be affected by his work. The employer has a duty to ensure that personal protective equipment is supplied, free of charge, to his/her employees to reduce these residual risks. The method statement is to include a list of personal protective equipment issued, to each employee.
Manual Lifting of heavy or awkward loads, back injuries, trap limbs etc.	Where manual handling is unavoidable, the employer must undertake a risk assessment of the handling operations to avoid back injuries etc. The employer is required by SHAWAW (General application) Regulation 1993 Part VI Regulation No. 28 to carry out a risk assessment.

Hazards/Identification	***Action/Solution***
Blow torch or welding operations, Fire burns, explosions, fumes etc.	The contractor shall carry out a risk assessment, to ensure that during hot work operations loose combustible materials are removed to a safe distance and that fixed combustible materials are protected from heat. Welding equipment is required to have flame arrest attachment fitted to equipment. Gas cylinders are not to be stored in the Building. Emergency exits are to be kept free of any obstructions.

Possible action/solution to eliminate/reduce risk & hazards identified:

1. The PSCS shall ensure that a Method Statement is prepared for all works.

2. The PSCS shall ensure that a permit to work system operates for all live electrical circuits and 'hot work'.

3. The PSCS shall ensure that all concealed and over ground power cables are identified and made safe.

4. Where it is possible, to eliminate risks, cordless tools or tools which operate from a 110V supply system which is centre tapped to earth i.e. the maximum voltage to earth does not exceed 55V shall be used. The ESB mains supply should be protected by the installation of trip devices (such as RCD's rated at 30mA with no time delay). The use of long electrical cables should be discouraged as far as possible.

5. The PSCS shall ensure a method statement is prepared for off-loading or stacking of materials and equipment, and to ensure that all necessary lifting equipment is available, to reduce the risk of injuries from lifting of heavy or awkward loads.

_____
Gerd Benndorf

On behalf of
Galileo Energy Services

- Distribution: All tendering contractors

APPENDIX 1 – Designers Risk Assessment

Project No. : 26-066
Project: Electrical works to Ratoath Junior National School
Engineer: Robert Whyte/Gerd Benndorf
Date: November 2026
Project Status: Tender

No.	Key Hazards Identified	Decisions/Action
1.	Electrical re-wire in the building. Risk of electrocution.	Mains power disconnected to work area prior to commencement of works. Use tag-on-tag off system. Fully qualified electrical contractors only to be employed.
2.	Excessive stress and strain caused when lifting heavy plant and equipment causing injury to muscles and tendons, including damage caused by 'dropped' items.	Provision should be made for mechanical handling of equipment and plant.
3.	Services to be installed at high level in some areas and also on the roof (maximum height 5metres). Risk of falling from a height.	Provide scaffolding with protected guard rail in areas high level devices are located to allow safe access to mechanical and electrical services. Use safety harness system when working at a height.
4.	Some existing steel conduit/trunking must be dismantled internally. Risk of fire when cutting through steel.	Remove any flammable materials within the vicinity of the steel. Use non sparking tools for dismantling and hot work-permit.
5.	Vehicular access restricted to the building.	Allow for the safe moving of plant and equipment to the boilerhouse.
6.	PPE	Certified PPE, boots and hard hats to be worn at all times.

No.	Key Hazards Identified	Decisions/Action
7.	Associated Risks with works: • Contact with moving vehicles and • plant • Unauthorized access onto site • Fire or other emergency • Falls from a height • Slips and trips • Electricity	Some of the works will occur while the Building is live. The Contractor is to install hording and security to prevent unauthorized access to the areas under construction and routes used by construction vehicles and workers. Contractor to take account of underground cables/service and avoid working in close proximity where reasonably practicable. Proposed methodology to be addressed by the contractor.
8.	Asbestos is present in the Vinyl Floor Tiles with Bitumen in Classroom 9 & 10. Risk of asbestos poisoning if disturbing this asbestos containing material. Refer to the RDAS survey attached to this Preliminary H&S Plan.	See asbestos survey for further clarification. The works will not be affected by Asbestos in the existing building.
9.	Risk of Any other hazards/corrective action referred to in this document or identified during construction.	

APPENDIX 2 – AF1 Form

HEALTH AND SAFETY AUTHORITY

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

Approved Form (AF 1)

Regulation 10

Particulars to be notified by the Client to the Health and Safety Authority before the design process begins

NOTE:

This form is to be used to notify of any project covered by the Safety, Health and Welfare (Construction) Regulations 2013, which will last longer than 30 days or 500 person days. It can also be used to provide changes in appointments since initial notification of projects.

Any day on which construction work is carried out (including holidays and weekends) should be counted, even if the work on that day is of short duration. A person day is one individual, including supervisors and specialists, carrying out construction work for one normal working shift.

This Notification is to be made by Registered Post to HSA, Metropolitan Building, James Joyce Street, Dublin 1; or as may be directed by the Authority.

1 **Client:** Provide name, full address, telephone number and e-mail address for the Client. If more than one Client, please attach details of all Clients on a separate sheet.

Name:	Ratoath Junior National Schoolq		
Address:	Fairyhouse Rd, Ratoath, Co. Meath, A85 P262		
Telephone:	018256639	E-Mail:	principal@ratoathjuniorns.ie

2 **Project Supervisor Design Process and Health & Safety Coordinator:** Provide name, full address, telephone number and e-mail address for the PSDP and Health & Safety Coordinator for the Design Process.

PSDP Name:	Galileo Energy Services	H&S C. Name:	Galileo Energy Services
Address:	Unit A6, Celbridge M4 Business Park, Maynooth Road, Celbridge, Co. Kildare	Address:	Unit A6, Celbridge M4 Business Park, Maynooth Road, Celbridge, Co. Kildare
Telephone:	01-6274103	Telephone:	01-6274103
E-Mail:	gerd@galileoenergy.ie	E-Mail:	gerd@galileoenergy.ie

3 **Project Supervisor Construction Stage and Health & Safety Coordinator, if known:** Provide name, full address, telephone number and e-mail address for the PSCS and Health & Safety Coordinator for the Construction Stage.

PSCS Name:		H&S C. Name:	
Address:		Address:	
Telephone:		Telephone:	
E-Mail:		E-Mail:	

4 **Information on Construction Work:** Please provide your details of the following.

Description of Project:	Electrical work to Ratoath Junior National School
Exact Address of Construction Site:	Fairyhouse Rd, Ratoath, Co. Meath, A85 P262

Signed: _____ by or on behalf of the Client

Position: _____ Date: _____

APPENDIX 3 – RDAS Survey

Included as a separate document.