

Works Requirement Document

Demolition and Removal of 31m Chimney Structure – Live Hospital Environment

1. Site Constraints

- Live hospital environment with continuous staff, patient and emergency vehicle movement.
- Ambulance access & Delivery Yard routes must remain unobstructed at all times.
- Strict noise, vibration and dust control requirements apply.
- Limited space for access, plant positioning and crane operations.
- Adjacent buildings, roofs, plant, pipework and services must be protected and monitored throughout.

2. Working Hours and Programme

- Contractor to include for an element of the works to be carried out, out of hours, so as not to impede the operation of the hospital. working hours 6am to 6pm (7 DAY PER WEEK)
- The entire works must be completed within two (3) weeks.
- No demolition debris may be stored on site — all arisings shall be removed at the end of each shift.

3. Health, Safety & Environmental Requirements

The Contractor shall:

- Comply with all applicable Safety, Health and Welfare at Work Regulations.
- Comply with Hospital Infection Prevention & Control (IPC) protocols.
- Implement strict noise, dust, vibration and air quality controls appropriate to a healthcare environment.
- Handle, transport and dispose of waste in accordance with applicable legislation and licensing requirements.

4. Contractor Deliverables (as part of submission)

- Detailed Demolition Methodology & Sequencing Plan.
- Temporary Works Design drawings and calculations.
- Crane Lifting Plan and logistics arrangements.
- Traffic and Pedestrian Management Plan.
- Detailed Programme and Phasing Schedule demonstrating completion within 3 weeks.
- Organizational structure and CVs for key personnel with related historical expertise.
- CV of Independent Structural Engineer who will attend site for demolition monitoring.

- Insurance certificates and broker confirmations.

5. Contractor Experience Requirements

- The Contractor must have successfully completed a minimum of five (3) similar demolition projects involving tall structures in live operational or healthcare environments.
- Evidence of similar project experience, including client references, shall be provided.

6. Insurance Requirements

Employer's Liability Insurance

- Minimum limit of indemnity: €13 million

Public Liability Insurance

- Minimum limit: €13 million

Contractors All Risks (CAR) Insurance

Professional Indemnity Insurance

- The Main Contractor must hold €6 million PI cover.
- The Contractor cannot rely on PI insurance of subcontractors or consultants.

7. Protection of Adjacent Structures

The Contractor shall provide a designed and certified crash deck protection to safeguard:

- The Boiler House
- The Generator Building & Fuel Tank
- The Ambulance Bay / Offices
- Delivery Yard

All Temporary Works designs shall be submitted for approval prior to commencement.

8. Underground Services – Identification and Protection

- A full underground services survey must be completed prior to commencing works.
- All identified services must be protected or supported as required.

9. On-Site Personnel Requirements

The following full-time dedicated personnel must be present on site for the full duration (roles cannot be combined):

- **Project Manager:** Degree-qualified, 20+ years demolition experience

- **Temporary Works Coordinator:** 20+ years demolition experience
- **Appointed Person (Lifting Ops):** 20+ years demolition experience
- **Demolition Manager:** 20+ years demolition experience
- **Independent Structural Engineer:** Experience in demolition monitoring of similar tall structures, must hold PI insurance for their role.

CVs must be submitted.

10. Working at Height & Rescue Provisions

- A Working at Height Rescue Plan must be developed and implemented.
- Standby rescue access equipment must be available at all times.

Permitting

A system of permitting must be managed by the Main Contractor to manage access/egress around the site/boiler house during the works.