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MCC024010 Net Zero Teesside (NZT)

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Executive Summary

This Scope of Works outlines Balfour Beatty's requirements for security services and emergency response to support operations at Net Zero Teesside (NZT) project. The services will be across site from January 2026, contract end date to be confirm however, we envisage this being in place for 3 years.

The document specifies the expected standards for security personnel provision, including minimum service levels, Health & Safety compliance, and the responsibilities and accountabilities of the appointed subcontractor. The security services and emergency response provider will support Balfour Beatty personnel, contractors, and subcontractors working on-site, ensuring the safety and security of all materials, equipment and personnel on site aligned with project needs.

NOTE: Where the term 'Subcontractor' is used this can be substituted by the term 'Tenderer'. The term 'Tenderer' shall be used in the Tender process. The term 'Subcontractor' shall be used once the contract between Balfour Beatty, and the successful Tenderer has been signed by both parties.

Abbreviations & Definitions

BB – Balfour Beatty (Main Contractor)

Subcontractor – Successful tenderer

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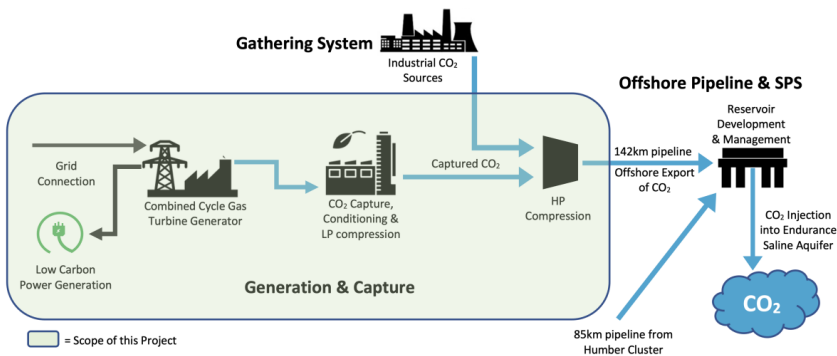
Introduction

About the scheme

North-East of England. Net Zero Teesside (NZT) in association with the Northern Endurance Partnership (NEP) intends to kick-start decarbonisation of the Teesside and Humber industrial clusters and deliver the UK’s first zero-carbon industrial cluster.

The project consists of a large-scale Combined Cycle Gas Turbine (CCGT) power generation plant, with a post combustion carbon capture system for abatement.

The abated power is dispatched into the UK grid, with the captured and conditioned CO2 entering high pressure compression which then feeds directly into the offshore pipeline for sequestration. The HP compression is sized to also accommodate the CO2 from additional emitters within the local gathering network. The diagram shows the program's scope, with the PCC project's area marked in green.



The Power, Capture and Compression (PCC) scope is to be located at the former Sahaviriya Steel Industries site (“Teesworks”) in Teesside. The program is being delivered by a Joint Venture Partnership which currently consists of Equinor, Total and bp, with bp being the lead operator. Technip Energies are acting as the leading member of a Construction Consortium with GE Power who are the power island OEM. The consortium is also working in partnership with Shell (CO2 Technology Licensor Partner), and Balfour Beatty (Construction Subcontractor).

Site Locations

Security and emergency response services will be delivered for the entire site at the Net Zero Teesside (NZT) project site, located in the Teesworks industrial zone near Redcar, North Yorkshire.

Access to the site is controlled in accordance with Balfour Beatty’s security protocols. All staff must complete site inductions and follow ID and safety rules at all times.



Mission Statement

Balfour Beatty Security Mission Statement:

At NZT, our security team is committed to maintaining a safe, secure, and compliant environment across all operational zones. Through a coordinated approach involving static, patrol, mobile, and CCTV officers, we ensure the protection of personnel, assets, infrastructure, and materials in support of the project’s strategic goals.

Our mission is to:

- **Control Access with Precision:**
Ensure that only authorized individuals, vehicles, and materials enter or exit the site through robust access control systems, including Msite and verified documentation, maintaining accurate logs and upholding site integrity.
- **Safeguard Site Perimeters and High-Risk Zones:**
Conduct regular foot and mobile patrols to inspect fencing, monitor welfare and operational areas, and deter unauthorized activity. High-risk zones such as laydown yards, refuelling stations, and equipment compounds are given focused attention to prevent incidents and ensure safety compliance.
- **Support Secure Material Management:**
Oversee and verify all deliveries and collections, ensuring secure handling, proper authorization, and accurate documentation. Collaborate with stores and logistics teams to maintain smooth and secure material flow across the site.
- **Monitor and Respond Proactively:**
Operate advanced CCTV systems from the onsite control room to detect, assess, and respond to incidents in real time. Coordinate with mobile and patrol teams to ensure swift resolution and maintain visual records for

investigation and compliance.

- **Respond to Incidents with Professionalism:**

React promptly to alarms, disturbances, and emergencies, securing affected areas and coordinating with site management and emergency services. All incidents are logged and escalated appropriately to support continuous improvement and accountability.

- **Uphold Compliance and Site Standards:**

Maintain strict adherence to Balfour Beatty’s security protocols, health and safety regulations, and data protection policies. Our team demonstrates professionalism, vigilance, and integrity in every interaction.

Together, we form a unified and responsive security operation dedicated to supporting the safe delivery of the NZT project.

Minimum Standards

- Supplier must be part of the SIA Approved Contractor Scheme
- Be accredited by the **British Security Industry Association**
- Have no enforcement history from the SIA for non-compliance or use of unlicensed personnel in the past three years
- Companies must operate an **electronic incident reporting system** accessible to Balfour Beatty personnel
- All Officers must have the legal right to work in the UK and meet English language proficiency standards
- Officers must hold valid SIA licenses for the role they are to perform (Minimum Door Supervisor and any other highlighted role specific license)
- Officers must be vetted to BS7858 standards
- Guards must undergo continuous professional development and training from accredited providers
- All relevant emergency response competencies will be established in consultation with the client and subcontractor following the completion of a comprehensive site survey.

Training Requirements

Training should cover:

- Hostile reconnaissance
- Evidence identification and protection
- Conflict management
- Bag and vehicle searching
- Data protection
- Incident response and confidentiality
- Protester management
- All relevant emergency response training will be established in consultation with the client and subcontractor following the completion of a comprehensive site survey.

Equipment Requirements

- Officers must wear Body Worn Video Cameras on duty (BWV)
 - BWV systems must meet UK-hosted data protection standards and be subject to audit
- Officers must wear **appropriate and compliant (Balfour Beatty Policy HSF-PR-0048) PPE** clearly identifying them as security.
- Officers must be provided with torches.
- All relevant required emergency response equipment will be established in consultation with the client and subcontractor following the completion of a comprehensive site survey.

Requirements to Provide Training

- **Auxiliary Emergency Response Team (ERT) Members:**
A training program will be developed for auxiliary ERT members to integrate additional support when required.
- **Project-Based Emergency Response Management Team:**
Comprehensive training will be provided for the Emergency Response Management Team, including Duty Managers, Incident Commanders, and personnel assigned to Bronze, Silver, and Gold response roles. Training for these positions will be mandatory, regardless of the final structure adopted.

Required Roles

Static Security Officers (Access Control)

Position Summary:

The Static Security Officer is responsible for maintaining secure and controlled access to the site through designated entry and exit points. This role ensures that only authorized personnel, vehicles, and visitors gain access, while also supporting material management and responding to onsite incidents. Operating as a key part of the site's security infrastructure, the officer upholds safety, compliance, and operational integrity.

Access Control Management:

- Monitor and control entry and exit of individuals and vehicles at designated access points.
- Verify credentials, passes, and identification using systems such as Msite or other access control platforms.
- Maintain accurate logs of all entries, exits, and incidents.
- Ensuring that only authorized vehicles are granted entry to site and car parks.

Material Management:

- Oversee the delivery and collection of materials entering or leaving the site.
- Log all deliveries, including time, supplier details, and contents.
- Verify collections against approved documentation and ensure proper authorization is in place.
- Liaise with site logistics and stores teams to ensure smooth and secure material flow.
- Report any discrepancies or suspicious activity related to material movement.

Visitor Handling:

- Greet and process visitors professionally, ensuring they are signed in and escorted if required.

- Issue temporary passes and ensure visitors are aware of site rules and safety procedures

Incident Response:

- Respond promptly to alarms, disturbances, or emergencies.
- Liaise with emergency services and site management as needed.
- Complete incident reports and escalate issues appropriately.

Skills & Qualifications:

- Valid SIA License (Security Guarding or Door Supervision).
- Experience in access control and material management preferred.
- Strong communication and interpersonal skills.
- Ability to remain calm and professional under pressure.
- Familiarity with digital access control systems (e.g., Msite).
- Basic IT skills for logging and reporting

Patrol Security Officer (Foot Patrols)**Position**

The Patrol Security Officer is responsible for conducting regular foot patrols across designated areas of the site to ensure safety, security, and operational integrity. This includes inspecting perimeter fencing, supporting material management in stores, and monitoring high-risk zones such as welfare areas, laydown yards, and refueling points.

Summary:**Site Patrols & Inspection:**

- Conduct scheduled and ad-hoc foot patrols across the site, focusing on:
 - External fencing and perimeter integrity.
 - Welfare areas (e.g. toilets, changing areas, canteens, rest zones).
 - High-risk zones including laydown areas, refuelling stations, and equipment storage.

- Identify and report any signs of damage, tampering, unauthorized access, or safety hazards.
- Ensure patrol routes are varied to maintain unpredictability and coverage.

Material Management Support:

- Assist stores personnel with the secure handling of deliveries and collections.
- Verify documentation and authorization for materials entering or leaving the stores.
- Monitor and report any discrepancies or suspicious activity related to material movement.
- Ensure secure storage and prevent unauthorized access to stock and equipment.

Access & Presence:

- Provide a visible security presence to deter unauthorized activity and reassure site personnel.
- Engage professionally with workers, contractors, and visitors during patrols.
- Support access control teams when required, including during peak times or incidents.

Incident Response & Reporting:

- Respond to alarms, disturbances, or safety concerns encountered during patrols.
- Escalate issues to the Security Manager and complete detailed incident reports.
- Liaise with emergency services and site management as needed.

Skills & Qualifications:

- Valid SIA License (Security Guarding or Door Supervision).
- Experience in foot patrols and site inspection preferred.
- Good physical fitness and stamina for extended patrols.
- Strong observational skills and attention to detail.
- Basic IT skills for logging and reporting.
- Familiarity with construction site layouts and operational zones.

Mobile Security Officer (Incident Response)

Position

Summary:

The Mobile Security Officer is responsible for dynamic, responsive security coverage across the site, focusing on incident response, targeted patrols, and proactive monitoring of high-risk areas. Operating internally and externally, this role supports overall site security and assists other security positions as needed.

Mobile Patrols & Monitoring:

- Conduct regular and targeted mobile patrols across internal and external site zones.
- Monitor for signs of attempted trespass, unauthorized access, or suspicious activity.
- Inspect perimeter fencing, gates, and vulnerable access points for tampering or breaches.
- Vary patrol routes and timings to maintain unpredictability and coverage.

High-Risk Area Surveillance:

- Routinely patrol high-risk zones including:
 - Laydown areas
 - Refuelling stations
 - Equipment compounds
 - Isolated or low-visibility sections of the site
- Ensure these areas remain secure, hazard-free, and compliant with site safety protocols.

Incident Response:

- Respond promptly to alarms, disturbances, and reported incidents.
- Assess situations, secure the area, and escalate to the Security Manager or emergency services as required.
- Complete detailed incident reports and support investigations.

Support to Other Security Functions:

- Assist static and patrol officers during peak periods, incidents, or special operations.

- Provide backup for access control, material management, and visitor handling when needed.
- Act as a mobile resource for rapid deployment across the site

Skills & Qualifications:

- Valid SIA License (Security Guarding or Door Supervision).
- Experience in mobile patrols and incident response preferred.
- Strong situational awareness and decision-making skills.
- Ability to comply with Balfour Beatty Permit to drive requirements.
- Basic IT skills for logging and reporting.
- Familiarity with site layout and operational zones.

CCTV Operator**Position****Summary:**

The CCTV Operator is responsible for monitoring live and recorded footage from the site's surveillance systems to ensure the safety and security of personnel, assets, and infrastructure. Operating from the onsite control room, this role plays a critical part in incident detection, response coordination, and supporting the wider security team.

Surveillance Monitoring:

- Monitor live CCTV feeds across all site zones, including:
 - Perimeter fencing and access points
 - Laydown yards and refuelling stations
 - Stores and material handling zones
 - High-risk operational areas
- Identify and report suspicious activity, unauthorized access, or safety breaches.
- Conduct routine checks of camera functionality and coverage.

Incident Detection & Response Support:

- Alert mobile and static security officers to real-time incidents or anomalies.

- Coordinate with patrol teams to verify and respond to potential threats.
- Maintain communication with the Control Room/Security Manager during incidents.
- Record and archive footage relevant to incidents for investigation and reporting.

Footage Review & Evidence Handling:

- Retrieve and review recorded footage for investigations, audits, or compliance checks.
- Ensure footage is securely stored and accessible only to authorized personnel.
- Support law enforcement or internal investigations with relevant video evidence.

System Management & Maintenance:

- Perform basic troubleshooting of CCTV systems and report faults to technical support.
- Ensure all cameras are operational, correctly positioned, and recording as required.
- Ensure perimeter detection system is effectively armed and maintained.
- Maintain logs of system checks, faults, and maintenance actions.

Support to Security Operations:

- Assist with monitoring access control systems and verifying personnel movements.
- Provide visual support to material management activities (e.g., delivery verification).
- Monitor site-wide alarms and coordinate appropriate responses.

Compliance & Reporting:

- Maintain accurate logs of surveillance activities, incidents, and system checks.
- Ensure compliance with GDPR, data protection, and site-specific privacy policies.
- Report daily activities and anomalies to the Control Room/Security Manager.

Skills & Qualifications:

- Valid SIA License (Public Space Surveillance – CCTV).
- Experience in CCTV operations within a control room environment preferred.

- Strong attention to detail and situational awareness.
- Ability to multitask and remain focused during extended monitoring periods.
- Familiarity with digital surveillance systems and access control platforms.
- Basic IT skills for logging, reporting, and footage retrieval.

Emergency Response Operator/Team Leader

Position:

To provide rapid and effective assistance during emergency situations, specifically but not exclusively involving the rescue of individuals trapped in excavations or working at height.

Key Responsibilities:

- Respond promptly to emergency calls and assess the situation to ensure safe and efficient rescue operations.
- Utilize specialized rescue equipment and techniques for confined spaces, trenches, and elevated work areas.
- Coordinate with site safety teams and emergency services to manage incidents effectively.
- Maintain readiness through regular training, equipment checks, and compliance with safety regulations.
- Ensure personal and team safety during all rescue operations.
- Provide subject matter expertise when high risk activities are planned on site.
- Inspection and maintenance of equipment – First aid, fire extinguishers, site alarm system, stretchers, lifting accessories etc. (Lifting accessories and equipment to be LOLER certified)

Skills & Requirements:

- Knowledge of rescue procedures for excavation and height-related incidents.
- Competence in using fall protection systems, lifting gear, and breathing apparatus.
- Strong decision-making and communication skills under pressure.
- Physical fitness and ability to work in challenging environments.

Performance Expectations

To ensure the effective delivery of security services across the NZT Project, the appointed security provider is expected to meet the following performance standards:

1. Professional Conduct & Presentation

- Security personnel must maintain a professional appearance, wear appropriate uniform and PPE, and demonstrate courteous, respectful behaviour at all times.
- Officers must be punctual, alert, and fully briefed on site-specific procedures, risks, and operational zones.

2. Compliance & Licensing

- All personnel must hold valid SIA licenses relevant to their roles.
- The provider must ensure full compliance with Balfour Beatty's security protocols, health and safety regulations, and data protection policies.

3. Operational Coverage & Responsiveness

- Static officers must maintain continuous control of access points, ensuring only authorized access to site and carparks.
- Patrol and mobile officers must conduct thorough inspections, respond promptly to incidents, and support other security functions as required.
- CCTV operators must maintain vigilant monitoring and coordinate responses to incidents in real time.

4. Incident Management & Reporting

- All incidents must be responded to swiftly and professionally, with clear escalation to the Security Manager and emergency services where necessary.
- Detailed incident reports must be completed and submitted in accordance with site procedures.

5. Communication & Coordination

- Security personnel must maintain effective communication with each other, the control room, and site management.
- Officers must be trained in radio protocols, emergency procedures, and site-specific risks.

6. Documentation & Record Keeping

- Logs of access control, patrols, material movements, CCTV activity, and incidents must be maintained accurately and securely.
- Records must be auditable and available for review when requested.

7. Engagement with Project Teams & Stakeholders

- Security personnel must actively engage with the wider project workforce, including site supervisors, logistics teams, and contractors, to support safe and secure operations.
- Regular liaison with the Health & Safety team is expected to ensure alignment with site safety protocols and to support joint inspections or investigations.
- The provider must maintain close communication with the Security Management team to ensure service delivery remains aligned with project needs and evolving risks.
- When required, security personnel must engage professionally with external stakeholders, including emergency

services, delivery partners, and regulatory bodies, representing the project with integrity and professionalism.

8. Continuous Improvement

- The provider is expected to proactively identify opportunities to enhance site security, including risk mitigation, technology use, and procedural improvements.
- Regular performance reviews and feedback sessions should be conducted with the Security Manager to ensure alignment with project goals.

Staffing and Shift Requirements

Monday – Friday Day Shift

Role:	Requirement:
Static Security Officer	5
Patrol Security Officer	4
Mobile Security Officer	2
CCTV Operator	2
Emergency Response Operator	2
Emergency Response Team Leader	1

Monday – Friday Night Shift

Role:	Requirement:
Static Security Officer	2
Patrol Security Officer	4
Mobile Security Officer	4
CCTV Operator	2
Emergency Response Operator	2
Emergency Response Team Leader	1

Weekend Day Shift

Role:	Requirement:
Static Security Officer	2
Patrol Security Officer	4
Mobile Security Officer	4
CCTV Operator	2
Emergency Response Operator	2
Emergency Response Team Leader	1

Weekend Night Shift

Role:	Requirement:
Static Security Officer	2
Patrol Security Officer	4
Mobile Security Officer	4
CCTV Operator	2
Emergency Response Operator	2
Emergency Response Team Leader	1

Bank holiday (Day & Night Shift)

Role:	Requirement:
Static Security Officer	2
Patrol Security Officer	4
Mobile Security Officer	4
CCTV Operator	2
Emergency Response Operator	2
Emergency Response Team Leader	1

Staffing numbers are provided as a baseline and may be subject to adjustment in response to evolving site risks, operational requirements, and planned project activities.

Compliance

The Subcontractor must remain fully compliant with all applicable UK legislation and regulations relating to private security operations, including but not limited to the Private Security Industry Act 2001, Health and Safety at Work Act 1974, and the Data Protection Act 2018. Compliance must be maintained throughout the duration of the contract.

In addition, the Subcontractor is required to adhere to Balfour Beatty’s site-specific policies, procedures, and standards, including but not limited to:

Drugs and Alcohol Policy (T1)	HRS-PL-0040a
Health Safety and Environmental Legislation and Other Requirements	HSES-PR-0001
Emergency Arrangements	HSES-PR-0003
Incident Reporting and Investigation	HSES-PR-0005
HSES Visits, Tours, Inspections and Leading KPI’s	HSES-PR-0009
Setting People to Work Safely	HSES-PR-0011
Fatigue Management	HSF-PR-0031
Lone Working	HSF-PR-0040
Manual Handling	HSF-PR-0041
Personal Protective Equipment	HSF-PR-0048
Tools and Equipment	HSF-PR-0049
Children-Young Persons	HSF-PR-0066
Fire Risk Assessment	HSF-PR-0075a
Fire Safety Responsibilities	HSF-PR-0075b
Suppliers Health and Safety Conditions	HSF-RM-0018a
Assessment of First Aid Needs	HSF-SF-0008a
Quality, Issues and NCRs	QUA-PR-0200
Health and Safety Policy	HSF-PL-0001
Modern Slavery and Labour Exploitation Guidance and Requirements for Suppliers	PRC-RM-0007d

Modern Slavery Statement- Key Points for Supply Chain Partners	2024
Balfour Beatty Code of Ethics	June 2024
Anti-Bribery and Corruption and Modern Slavery Provisions in Third Party Agreements	ETH-RH-0100e
HSES Training Competence	HSES-PR-0026
Method Statement Review	HSES-SF-0011c
Safeguarding	HSF-PR-0007
Control of Access to Projects, Offices, Depots and Facilities including Visitors	HSF-PR-0013
CDM Regulations	HSF-PR-0018

Management

Client

The Client will retain responsibility for the day-to-day tasking of all deployed security personnel and will lead the development, implementation, and ongoing management of the overarching security strategy for the NZT Project. The Subcontractor is expected to operate in alignment with this strategy and respond to direction from the Client’s security management team.

Subcontractor

The Subcontractor must assign a dedicated Contract/Operations Manager to oversee the efficient delivery of all contracted security and emergency response services throughout the duration of the agreement. This individual(s) will act as the primary point of contact for the client’s security management and incident response teams and will be responsible for ensuring service quality, compliance, and operational coordination across all security functions. As well as providing Management support when planning future works.

Key responsibilities include:

- Ensuring consistent and effective deployment of security personnel across static, patrol, mobile, and CCTV roles.
- Engaging regularly with the client’s security management team to review performance, address operational needs, and support continuous improvement.
- Acting as the escalation point for any disciplinary matters involving subcontracted security personnel, ensuring appropriate action is taken in line with site policies and procedures.
- Supporting communication and coordination with other project stakeholders, including Health & Safety,

logistics, and site operations teams.

- Ensure all project documents, including assignment instructions and standard operating procedures, are kept up to date and acknowledged by all deployed personnel.
- Attend regular progress meetings with the client.
- Management support when planning future works e.g., attendance to HAZID's to ensure sufficient medical and rescue arrangements are considered and in place
- Management support following an incident requiring the deployment of the ERT – Debrief / lessons learned etc.
- Review and comment on project EPRP documentation
- Creation of scenario specific ERPs.

The Contract/Operations Manager must be suitably qualified, experienced in managing large-scale security and emergency response operations, and fully conversant with all relevant legislation, standards, and site-specific protocols.

