1. Framework for a Construction Environmental Management Plan (CEMP)

1.1 The purpose of this note is to provide a framework for the preparation of the Construction Environmental Management Plan ("CEMP") which will be prepared prior to construction and delivered via a planning condition. The CEMP will provide details of how the proposed scheme will be managed during the construction.

1.2 A Construction Phase Plan is required by The CDM 2015 Regulations for any construction work carried out by contractors. This CEMP will be prepared to satisfy these regulations.

1.3 The CEMP will be enforced by the Contracts/Project Manager on receipt of client pre-construction information. The CEMP will be checked by the client team or his appointed Principal Designer for accuracy and robustness before commencement of site works. Following agreement of the Plan, this will be issued to the construction team and be updated/maintained on site by the site manager.

Objectives of the CEMP

1.4 The objectives of the CEMP are to:

- Define the existing and proposed ground levels specific to the proposed development.
- Provide information on any environmental and sensitive local receptors relating to the construction of the development and associated infrastructure;
- Set out actions required to manage the specified environmental risks, through consideration of design requirements, monitoring schemes and appropriate method statements.
- Define the requirements for communication of the CEMP to the project team, environmental training and awareness, stakeholder liaison.
- Define the processes for updating the CEMP - management reviews, incident reporting and investigation, etc.

1.5 The key function of the CEMP is to highlight and manage the specific environmental effects of the construction phase and to ensure that the significant negative effects are mitigated, and where practicable that additional environmental enhancements are delivered through completion of the proposed works.

Perceived Environmental Risk from Construction Activities

1.6 The perceived and potential risks which the CEMP will set out to address are:

- Contamination of soils, surface waters and groundwater through spills, run-off etc;
- Production of dust from construction activities;
- Management of construction traffic;
- Production of noise and vibration from construction activities;
- Production of construction waste from construction activities and;
- Damage to habitats (including flora and fauna and watercourses) from construction activities.
- Lighting to site boundaries
- Visual effects
- Protection of retained facades

1.7 The following sets out the framework and structure of the CEMP.

Chapter 1: Project Method Statement

1.8 The section will provide a detailed description of the proposed approach to the enabling and construction programme and set out the following:

- The construction process – sets out the programme and key construction operations such as setting up of compounds, access, any remediation required, changes in levels etc. At this preliminary stage. It is anticipated that the entirely of the construction process will take 156 weeks to complete;
- Hours of operation – for the avoidance of doubt, the construction working hours will be 07:30 – 19:30 Mondays to Fridays and 08:00 to 13:00 on Saturdays. No construction work shall take place on Sundays or Bank Holidays.

Chapter 2: General Site Management

1.9 The project delivery team structure, roles and responsibilities for the overall development of the site will be presented. Roles include:

- Environmental Manager
- Ecological Liaison Officer
- Principal Contractor
- PCs Contract Manager
- Design Manager

- Sub-Contractors

1.10 Site induction procedures will be set out which will include instruction on emergency procedures and any training required for site-based staff. The project goal is zero reportable or major accidents and dangerous occurrences during construction.

1.11 Other items covered under this section of the CEMP include:

- Selection criteria for contractors and designers
- Security and fencing/hoarding
- Offices and cabins
- Welfare facilities
- Emergency incidents and management
- Fire and emergency evacuation
- Lighting
- Protection of retained facades

Chapter 3: Arrangement for Controlling Significant Site Risks

1.12 Material placement, delivery, removal and waste management will be set out and measures to ensure that site services are protect and maintained.

1.13 Consideration of adjacent land uses and protecting the public to ensure activities will not create unnecessary safety issues will be undertaken. All works will be planned to protect the public and adjacent site workers from the site's activities associated with construction site movement, deep excavations and movement of materials.

1.14 Preventing of falls is considered to be one of the highest control priorities and measures will be set out to control working at height. Fuelling and hazardous liquids has the most potential for environmental impact to surface and ground water and will be tightly controlled through measures set out in this chapter.

1.15 A subsection within this part of the CEMP will set out measures to control deliveries and vehicle movement:

- Parking
- Deliveries
- Site access and vehicle movement
- Road Cleanliness

Chapter 4: Environmental Considerations and Management Measures

1.16 This section will set out the key environmental issues such as soil contamination and how any contaminated material will be handled, removal of any asbestos material, ground gas and set out techniques that will minimise noise and vibration. In addition to reduce the impact of dust and air emissions measures such as dust suppressants, stockpile management and speed limits on site will be considered. Management of extreme weather events and stormwater management will be set out.

1.17 The site management team will ensure that all site personnel are appropriately briefed on any ecological issues at the site. Specific site related issues will be set out here.

Chapter 5: Health and Safety

1.18 This chapter will set out the information that will be required, by the Principal Designer, for inclusion in the Health and Safety File.

1.19 The above sets out the framework for the CEMP. The applicant invites the requirement for a CEMP to be a condition to the planning consent.

Summary

1.20 In summary, this framework has described various components of the CEMP. This CEMP will be prepared prior to construction and delivered via a planning condition. The final CEMP once issued will provide details of how the proposed scheme will be managed during the construction.