CPNI
Centre for the Protection of National Infrastructure

EMPLOYERS INFORMATION REQUIREMENTS

Additional content for security-minded projects

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When a project is to make use of a security-minded approach, it will be essential that the requirements in respect of this are clearly set out in the Employer's Information Requirements (EIR).

This document includes the additional content, set out below in italics under the respective section headings, which should be incorporated into a project-specific EIR if a security-minded approach is to be implemented.

Information Requirements

Data Drops/Information Exchange and Project Deliverables

The EIR should include:

Details of the information requirements:

- *Identification of sensitive information to which specific security requirements will apply; and*
- *Specific security requirements related to individual data drops*

Level of Detail and Level of Information

Details of information requirements:

- *Expected Level of Detail for models at each work stage including, where applicable, the maximum for sensitive assets and systems in accordance with the Built Asset Security Information Requirements (BASIR)*

Management

Standards

The EIR should include:

Definitions of the core documents and standards that are to be mandated in the project e.g.:

- *PAS 1192-5:2015*

Roles and Responsibilities

The following roles in connection with BIM will be taken on directly by the employer:

- *Built Asset Security Manager*

Collaboration Process

Details of the collaboration process sufficient to demonstrate competence and capability at tender. It is expected that full details of the process will be included within the completed BIM Execution plan. Details of the process received at tender should include details of:

- *Proposals to manage restrictions around the sharing of data and information relating to sensitive assets and systems required in connection with the Employer's security requirements*

Planning and Work Segregation

The EIR should include:

A statement that information should be managed in accordance with the processes described in PAS 1192-2:2013, PAS 1192-5:2015 and BS 1192:2007+A2:2016

Where the employer has specific requirements for work management, including security aspects, the requirement and request for proposals should be identified in the EIRs

Examples of requirements include:

- Volumes, Zones and Areas
- *Requirements in connection with the use of separate project volumes for sensitive assets and systems*

Security

The EIR should include:

For all built assets, the measures required by the Employer to protect personal and commercial information.

For built assets requiring more than baseline security measures, the details of the Employer's security requirements as derived from the BASS, BASMP and BASIR.

Guidance 1: On projects where there are no specific security measures required, the EIR might only refer to an existing non-disclosure agreement or to standard security policies adopted by the employer

Guidance 2: The bid submission should demonstrate how the supplier will comply with, and deliver, these security requirements. It should also set out how the requirements of the BASIR will be achieved in respect of software platforms, their configuration, operation and maintenance.

Compliance Plan

It is expected that the supplier's proposals for model and data compliance will be detailed within the BIM Execution plan, which should refer to:

- *Security and information assurance requirements*

Delivery Strategy for Asset Information

Text describing AIM delivery strategy should be populated with appropriate requirements and constraints, including, where appropriate, security requirements, indicating where any specific detail is required in a contractor's interim BIM Execution plan as part of a bid submission.

Training

Details of any general security awareness and induction requirements, as well as any role-based security requirements, as set out in the Employer's Built Asset Security Management Plan (BASMP).

Technical

Data exchange format

On projects where PAS 1192-5:2015 is applied, information about sensitive assets and systems will be required in the format specified in the BASIR

Commercial

BIM Capacity and Experience

Tenderers should include the following detail:

- *Security understanding, capability, competence and experience*

Changes to other tender documents

Tender questionnaire

Design proposals and Building Information Models as required by the design brief

Question 6.

Provide a narrative describing how the security requirements set out in the tender questionnaire and the Employer's Information Requirements will be met on this project. Give examples of projects where you have previously met similar requirements.

Guidance:
Your answer should address the specified requirements and your capacity and willingness to implement a security-minded approach to this project.