

Assembling the right team, who are experienced and competent, is essential in project pre-planning.

BIM Competency Assessments

In order to ensure the selection of the right consultants, contractors and supply chain, a maturity assessment should take place and be reviewed by an experienced BIM practitioner, who will assess the ability of the individual suppliers weighed against the project BIM requirements which may vary significantly from work package to work package. CPIx have developed a template BIM Assessment Form which should enable a Design Consultancy, Contractor or Supply Chain organisation to demonstrate competence in, and understanding of BIM. This document encourages the company being assessed to provide evidence where possible.

The CPIxBIM Assessment Form comprises questions over four sections:

Gateway Questions

- A set of key questions about willingness to exchange data and quality of that data.

BIM Project Experience

- An opportunity to highlight up to three projects where the benefits of BIM have been realised.

BIM Capability Questionnaire

- BIM capability questions are intended to help identify training, coaching and support provided or required.

Project Delivery Agreement

- Agreed Project deliverables, divided by each Design Team, Contractor, Supply Chain, 2D, 3D, 4D, 5D, 6D, file formats, Level of Development, Level of Details, Classification systems, Naming/Code Systems, Project Shared Parameter Files/Fields.

In addition to the BIM Assessment, CPIx have also developed a Supplier IT Assessment form, which ensures that a Design Consultancy, Contractor or Supply Chain organisation have the IT architecture in place to be able to work efficiently and effectively in a BIM environment.

The CPIx Supplier IT Assessment Form comprises questions over two sections:

Information Exchange

- Recording what electronic data and information the company is willing to exchange

Software and Systems

- Ensures that the company have IT systems and procedures are mature and robust