



Duration: 1 Day

Prerequisites: Attendance of the BIM Level 2 Workshop.

Course Outline: Designed for designers and contractors who have a need to compile a BEP in response to a tender or EIR. This one-day workshop will go through the key areas required to develop the BEP for a tender response and considerations for the post award BEP.

Course Format: The course throughout the day will develop the BIM Execution Plan documentation by reviewing a worked example.

Content

1. Strategy behind BEP's in response to information requirements from the client.
2. Risks associated with not developing a BEP for model and information development.
3. Alignment of an BEP with different work stages and delivery mechanisms.
4. Alignment with standards, specifications and protocols.
5. Developing a BEP in the workshop:
 - a. Industry tool sets available.
 - b. Who need to be involved in the process?
 - c. Pre Award BEP in response to the EIR:
 - i. Level of detail.
 - ii. Training Requirements.
 - iii. Planning of work and data segregation.
 - iv. Coordination and clash avoidance.
 - v. Collaboration process.
 - vi. HSE\CDM.
 - vii. Security.
 - viii. Model Inclusions and exclusions.
 - ix. Systems Performance.
 - x. Compliance Plan.
 - xi. Data exchange format.
 - xii. Exchange of information.
 - xiii. Clients strategic purpose.
 - xiv. Software Platforms.
 - xv. Data drops and responsibilities for model information
 - xvi. Standards.

Please do not hesitate to contact us for registration and further information

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BEP Development Continued...

- xvii. Roles and responsibilities.
- xviii. Competence assessments.
- xix. Amendments to Tender Documentation.
- xx. Project Implementation Plan (PIP).
- xxi. Project Goals.
- xxii. Project Milestones.
- xxiii. Project Information Deliverable Strategy.
- d. Post Award BEP further development.
 - i. Roles responsibilities and authorities.
 - ii. Major project milestones consistent with PP.
 - iii. Project information model deliverable strategy.
 - iv. Legacy data use.
 - v. Survey strategy.
 - vi. Approval of information.
 - vii. PIM authorisation process.
 - viii. Revised PIP.
 - ix. Agreed process for collaboration and information modelling.
 - x. Agreed matrix or responsibilities across supply chain.
 - xi. Task Information Delivery Plan.
 - xii. Master Information Delivery Plan.
 - xiii. Volume Strategy.
 - xiv. PIM original and orientation.
 - xv. File naming convention
 - xvi. Layer naming convention.
 - xvii. Agreed construction tolerances.
 - xviii. Drawing sheet templates.
 - xix. Annotation, dimensions, abbreviations and symbols.
 - xx. Attribute data.
 - xxi. Software versions.
 - xxii. Exchange formats.
 - xxiii. Process data management systems.
- e. Lessons learned and improvements for future projects.