

BIM Implementation

Aligned with the RIBA Plan of Work 2020



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Plan of Work
2020

Strategy				Project	Review		
0 Define the organisation's BIM Strategy	1 Prepare BIM Briefing	2 Procure BIM Design services	3 Coordinate BIM design	4 Procure Contractor and Technical Services	5 Deliver BIM through the Construction phase	6 Verify BIM handover	7 Finalise BIM
0.1 Nominate Executive sponsor(s) and empower an accountable lead	1.1 Define and execute an internal BIM implementation plan	2.1 Define BIM objectives for the project	3.1 Monitor design team's BIM Performance	4.1 Issue BIM project specific BIM contract documents, EIR, AIR, BIM information Protocol, BIM specific JCT Contract Amendments	5.1 Verify preconstruction Building Safety and Golden Thread Information	6.1 Validate Final Handover of Digital Information (General, Building Safety and Golden Thread Information etc.)	7.1 Update to the Project Information from 12 months Defects Liability Period, Post Project Reviews, and evaluations
0.2 Clarify the BIM process, outline its benefits, costs and organisation wide impacts	1.2 Obtain BIM information management expertise	2.2 Adapt designer scopes of services and construction contracts	3.2 Verify compliance of: a. BEP b. DRM c. MIDP d. CDE	4.2 Assess contractor BIM capability and capacity responses, pre appointment BIM Execution Plans (BEP).		6.2 Use 3d model for asset management, or archive as appropriate	7.2 Review BIM performance and integrate lessons learned into standard documentation and processes
0.3 Analyse existing building information management for gaps against standards, best practices and emerging compliance requirements	1.3 Define roles and responsibilities	2.3 Issue BIM project specific BIM enabling docs (EIR, AIR)	3.3 Use BIM to manage design team progress	4.3 Validate Contractors proposed: BEP, DRM, MIDP			
0.4 Decide strategies scope and focus, new buildings, existing buildings, size and scale, etc.	1.4 Employ BIM expertise/ Information Manager	2.4 Assess designer BIM capability and capacity responses, pre appointment BIM Execution Plans (Pre-BEP)	3.4 Verify Golden Thread of information is being developed				
	1.5 Produce standard set of BIM enabling documents (EIR, AIR, etc.) for organisational wide use	2.5 Appoint team, Coordinate BEPs	3.5 Audit Clash Detection to measure BIM benefits				
	1.6 Decide Common Data Environment (CDE) approach	2.6 Establish a CDE					
		2.7 Validate design team's proposed: Coordinated BEP, Design Responsibility Matrix (DRP), Master Information Deliver Plan (MIDP)					
0.5 Formally Adopt BS 19650, BS 8644, HACT Development Handover standards, etc.	1.7 Commit to improving internal information management, handover standards, etc.		3.6 Receive and validate Information Exchange	4.4 Receive and validate Information Exchange	5.2 Receive and validate Information Exchange	6.3 Receive and validate Information Exchange	7.3 Update internal Asset Information Model (AIM) from Project Information.
	1.8 Update EIR, AIR etc. by applying lessons learned from 7.4		3.7 Initiate 'Property Creation' of Project in internal Asset Information Model (AIM) from Project Info	4.5 Update internal Asset Information Model (AIM) from Project Information	5.3 Update internal Asset Information Model (AIM) from Project Information	6.4 Update internal Asset Information Model (AIM) from Project Information.	7.4 Review internal information processes and update as appropriate.

