



INTRODUCTION

The **NBIMS BIM Execution Plan (BEP) Template** may be used to create project-specific BEPs adhering to the U.S. National BIM Standard. The content may be used to make an organization's BEP template or to review content from online commercially available BEP applications. A BEP has become a recognized contract deliverable. The BEP process and this documentation will help all project members achieve an efficient and effective BIM process for project delivery.

UPDATES to the BEP Process

The NBIMS BEP is aligned to ISO 19650 and US project delivery. Various groups develop the BEP information. The **Owner** provides information on BIM projects in the Request for Proposal (RFP) phase. Owners providing this information in an RFP will better understand a team's capability to perform on a BIM project. **Proposers** respond with a **Proposal BEP**, and the selected **Project Team** develops the **Project BEP**. The **Project BEP** is updated as new team members begin work on the project. It is used throughout a project to review BIM performance.

Template Sections

Cover Page (Cover)	BIM Uses (Uses)
Project & BEP Summary (Summary)	Technological Infrastructure Needs (Software) (Info Sharing)
Reference Information (Ref Info)	Quality Management (Quality) (QM Strat)
BIM Contacts	IM Risk Register (Risk Reg)
Organizational Roles & Responsibilities (Roles)	Model Federation and Standards (Federation Strat)
Project Phases & Milestones (Schedule)	Information Exchanges (IE)
Project Goals (Goals)	
Team Collaboration (Collab)	

References

National BIM Standard - United States	https://www.nationalbimstandard.org
NBIMS-US BIM Use Definitions	
NBIMS-US BIM Execution Plan Standard	
BIMForum LOD Specification	https://bimforum.org/resource
Construction Specification Institute (CSI)	https://www.csiresources.org

INSERT BEP COVER PAGE IMAGE HERE

BEP & PROJECT SUMMARY

Instructions: Include a a BEP Executive Summary explaining the process of how this document will be developed. It is a strategic summary of how the team will maximize BIM technology and information to meet the project goals and responsibilities of a project. Include a Project Summary of the project.

BEP Executive Summary

Project Description

BEP & PROJECT REFERENCE INFORMATION

Instructions: Provide project, contract, and BEP information that will be used in this BEP.

Project Reference Information

Project Name			
Project Owner Name			
Project Legal Address	City	State	Zip
Facility Type Classification			
Facility Type Name			
Project Delivery Method			
Project Information Req. Title			
Project Information Req. Location			
Owner Modeling Guide Title			
Owner Modeling Guide Location			
BEP Development Standard			
BEP Path			
BEP Data Format			
Acknowledgements			
Team Selection Procedure			
BIM Contracting Procedure			

BEP Version Log

Version Number	Date	Description	Creator Org.	Creator Contact	Approval Org.	Approval Contact	Approval Status

Add rows as needed.

Project Identification Table

Project Identification Description	Project Identification Value

Add rows as needed.

Project Certifications Information

Certification Information	Certification Value

Add rows as needed.

Project Metrics Value

Project Metric Name	Project Metric Value	Project Metric Unit

Add rows as needed.

BIM CONTACTS

Instructions: Organizations and persons with roles and responsibilities for project BIM activities should be documented in the BEP. Additional rows may be added as needed.

Project Organizations

Organization Name	Abbr.	Phone Number	Office Location	Org. Role

Add rows as needed.

Contacts

Org. Abbr.	Name	Contact Role	Email Address	Phone Number	Primary Location

Add rows as needed.

ORGANIZATIONAL ROLES & RESPONSIBILITIES

Instructions: Provide a clear description of the various BIM related roles on a project along with their responsibilities. Identify if they are required by contract, and provide a brief abbreviated code for us in the contacts table.

BIM Roles & Responsibilities				
Contact Role	Role Description	Role Responsibility	Req. Contract	Role Code

PROJECT PHASES & MILESTONES

Instructions: Define the various phases of the project, e.g., planning, design, construction, along with discrete milestones. A phase should have a start and finish date, while a milestone is on a specific date and resides within a phase.

Project Phases

Phase Name	Phase Description	Est. Start Date	Est. Completion Date	Actual Start Date	Actual Completion Date

Add rows as needed.

Project Milestones

Milestone Name	Milestone Description	Est. Date	Actual Date	Phase

Add rows as needed.

PROJECT GOALS

Instructions: Identify project goals that would add value to the project and how it can relate to BIM Uses. These should be documented as part of the BEP process. Once collected, the goals and BIM Uses are prioritized and the final list of requirements is documented in the BEP.

Project Goals

Goal Description	Priority	Potential BIM Uses	Customer	Responsible Party	Constraints	Phase

Add rows as needed.

TEAM COLLABORATION

Instructions: Teams must act collaboratively. Document the collaboration activities to be performed, including meetings, modeling coordination, and information-sharing schedules. Standards for data and other details are provided in other

Collaboration Strategy Description

Collaboration Activities

Activity Type	Resp. Party	Phase	Frequency	Participants	Location

Add rows as needed.

TECHNOLOGICAL INFRASTRUCTURE NEEDS

Instructions: Provide the methods of access to internet on the project. Include how and where the model can be accessed.

Internet Access

Location Description	Access Method	Speed	Security Requirements

Add rows as needed.

Shared Model Development Resources

Resource Name	Version	Owner	Description	BIM Use

Add rows as needed.

Information Sharing Platforms

Platform Name	Version	Owner	Manager	Capability Breadth	Compliance w. CDE Req.

Add rows as needed.

MODEL FEDERATION STANDARDS

Instructions: Multiple models (by discipline and use) are shared and integrated during the project. Provide the strategy and methods used for sharing models and data.

Model Federation Description

Naming Conventions

Convention Type	Naming Convention Title Req.	Naming Convention Version	Description	Location of Naming Conv. Details

Add rows as needed.

Reference Coordinate System	
UTM Zone	
Horizontal Units of Measurements	
Vertical Units of Measurements	
Horizontal Datum	
Vertical Datum	
Project Origin Longitude	
Project Origin Latitude	
Project Origin Elevation	
Project Grid Offset from True N	
Reference Grid	
Reference Survey	

Building Information Management Standards

Standard Name	Standard Version	Standard Purpose

Add rows as needed.

INFORMATION EXCHANGES

Instructions: Information Exchanges document the technical information, the how and when for sharing models and data during a project. This works with the model element tables showing the individual elements "what" is to be exchanged.

Information Exchange

IE Name	IE Description	Milestone	Sender	Receiver	Frequency	Due Date	Location (Path)	Software	Source Format	IE Format	BIM Use	Req. Contract	Permitted Uses	Req. Approvals	Req. IE Delivery	IE Definition

Add rows as needed.

