



Appendix E i - Project BIM Brief – example

The Project BIM Brief (PBB) is a document that defines the client's requirements and expectations for a project with regard to BIM.

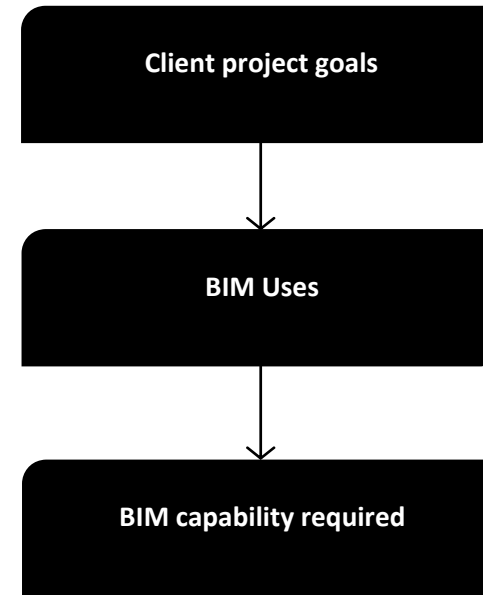
The document identifies goals, objectives and people's responsibilities.

The Project BIM Brief should be developed in the pre-design phase to be fully effective in relation to BIM. It is a briefing document in its own right and could form part of a Request for Proposal (RFP).

Post this phase the BIM Execution Plan will form the framework of the management and operational functions of BIM throughout the project's life cycle.

This example of a Project BIM Brief can be used as a starting point for BIM enabled projects, in conjunction with the Project BIM Brief template provided in [Appendix E ii](#).

The Project BIM Brief should be developed with reference to the [New Zealand BIM Handbook](#).



Project BIM Brief

PROJECT: | North West Tower, 1 Closer Street

DATE:

| 1/7/2014

REVISION:

| V1

CONTENTS

CONTENTS.....	2
PROJECT INFORMATION	3
PROJECT SCHEDULE	3
KEY PROJECT CONTACTS.....	4
PROJECT GOALS	4
BIM USE COMPETENCY REQUIREMENTS.....	5
CLIENT SPECIFIC REQUIREMENTS	6
PROJECT DELIVERABLES.....	6
REFERENCE DOCUMENTS & STANDARDS.....	7

PREPARED BY:

COMPANY:

DATE:

Jim Bim

ABC Consultants

1/7/2014

REVISION RECORD

REVISION	DATE	BY WHOM	COMMENTS

Project BIM Brief

PROJECT: | North West Tower, 1 Closer Street

DATE:

| 1/7/2014

REVISION:

| V1

PROJECT INFORMATION

Project name:	North West Tower
Project owner:	XYZ Ltd
Project address/location	1 Closer Street
Brief project description:	30 storey office and residential tower with 6 levels below grade
Contract type/delivery method:	Design and Build
Contractor engagement - indicative date:	December 2014

PROJECT SCHEDULE

Fill in the table below with any major project milestones which occur during the project life cycle.

Project phase/milestone	Estimated start date	Estimated completion date
Pre-design	1 July 2014	1 September 2014
Concept design	15 September 2014	15 November 2014
Preliminary design	25 November 2014	25 January 2015
Developed design	10 February 2015	10 April 2015
Detailed design	15 April 2015	1 September 2015
Construction	1 July 2015	1 September 2017
Handover	September 2017	November 2017
Operation	November 2017	NA

Project BIM Brief

PROJECT: | North West Tower, 1 Closer Street

DATE:

1/7/2014

REVISION:

V1

KEY PROJECT CONTACTS

List all the known key stakeholders who will be involved in BIM on this project.

Role	Discipline	Company name	Contact name	Contact details
Client representative	NA	CR Management	Joan Jenkins	joan@crm.com
Project manager	NA	PM Project Managers	Geoff Geoffrey	geoff@pm.com
BIM manager(s)	NA	ABC Consultants	Jim Bim	jim@abc.com
Lead consultant	Architect	LC Architects	Lee Brown	lee@lca.com
Other project roles				

PROJECT GOALS

List client goals and expectations for the project. This table will help define the BIM Uses required for the project, in alignment with the project goals. Refer to Appendix D for BIM Uses.

Priority (high/ med/ low)	Goal description - value added objectives	BIM Uses
High	Optimisation of design, with respect to overall project value and budget control	Design Authoring, Design Review, Cost Estimation
Med	Have a digital asset (3D models) that can be used for future use in facility management	Record Modelling
High	Better coordinated documentation for the contractor	Design Authoring, 3D Coordination
Med	Effective communication of the design with key stakeholders in the design phase	Design Authoring, Design Review, Phase Planning (4D Modelling)

Project BIM Brief

PROJECT: | North West Tower, 1 Closer Street

DATE:

1/7/2014

REVISION:

V1

BIM USE COMPETENCY REQUIREMENTS

The purpose of this table is to identify the potential value, experience and competencies required of responsible parties for the BIM enablement of the project.

BIM Use	Value to project	Responsible parties	Value to responsible parties	Competencies required to implement
	High/med/low		High/med/low	
Design Authoring	High	ARCH, STRUCT MEP, FIRE	High	<ul style="list-style-type: none"> Ability to create and develop a Building Information Model Design and construction experience
Design Review	Med	ARCH, STRUCT MEP, FIRE	High	<ul style="list-style-type: none"> Ability to manipulate, navigate and review a 3D model Strong understanding of how building/facility systems integrate
3D Coordination	High	ARCH, STRUCT MEP, FIRE	High	<ul style="list-style-type: none"> Ability to manipulate, navigate and review a 3D model Ability to run clash detection software Knowledge of building systems
Cost Estimation	High	QS, CONSTRUCT ARCH, STRUCT MEP	High	<ul style="list-style-type: none"> Ability to identify quantities for the appropriate estimating level upfront Ability to adjust a cost plan to suit data available in the model over the duration of design phase
Record Modelling	Med	CONSTRUCT	Low	<ul style="list-style-type: none"> Ability to manipulate, navigate and review a 3D model Ability to use BIM application for building updates Ability to effectively communicate between the design, construction and Facilities Management teams
Phase Planning (4D Modelling)	Med	CONSTRUCT	High	<ul style="list-style-type: none"> Knowledge of construction programming and general construction process (a 4D model is connected to a programme, and is therefore only as good as the programme to which it is linked) Knowledge of 4D software: ability to import geometry, manage links to programmes, produce and control animations, etc.

Project BIM Brief

PROJECT: | North West Tower, 1 Closer Street

DATE:

1/7/2014

REVISION:

V1

CLIENT SPECIFIC REQUIREMENTS

List any client-specific requirements including any standards or protocols that might create a different work flow for the project team.

Specific requirements

The client's company BIM guide and standards are to be used

PROJECT DELIVERABLES

In this section, list the BIM deliverables for the project and the format in which the information will be delivered.

BIM Use	Approximate due date/stage	Format	Comments
Cost Estimation	Concept design/preliminary design/developed design/detailed design/construction design	.xyz/IFC	
Design Authoring	Preliminary design/developed design/detailed design/construction design	.xyz/IFC	
Record Modelling	Handover	IFC	Ensure that the proper information is contained in this model from the MEA table
3D Co-ordination	Preliminary design/developed design/detailed design/construction design	.xyz/IFC	

Project BIM Brief

PROJECT: | North West Tower, 1 Closer Street

DATE:

| 1/7/2014

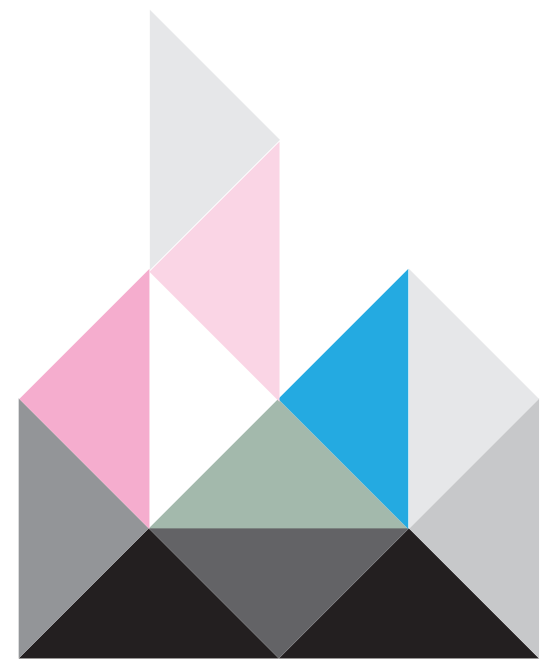
REVISION:

| V1

REFERENCE DOCUMENTS & STANDARDS

The following documents are listed for reference.

Generic title	Applicable reference document/notes	Version
BIM guide and standard	XYZ Ltd BIM guide and standard	V1.0
Client brief	NWT client brief	V1.0



Published by the BIM Acceleration Committee with the support of the Productivity Partnership and BRANZ Building Research Levy.
