

PPC2000 (Amended 2008)
Building Information Modelling (BIM) Supplement

In March 2011, the Government Construction Client Group's BIM Working Party published a strategy paper recommending the implementation of collaborative 3D BIM (with all project and asset information, documentation and data being electronic) in government projects above a certain size by 2016. The government accepted this recommendation in its May 2011 Construction Strategy.

This loose-leaf supplement contains a set of amendments to PPC2000 which Trowers & Hamblins LLP and the Association of Consultant Architects suggest may be incorporated for contracts that are designed using BIM.

An acceptable alternative to incorporating the amendments set out in this supplement is to complete the PPC2000 contract so that (if so agreed):

- 1 the Lead Designer Consultant Services Schedule includes the role, expertise and responsibilities of the BIM Co-ordinator (the party tasked with ensuring implementation of the BIM Protocol and coordinating the use of the Building Information Model and the inputting of data into the Building Information Model);
- 2 the Partnering Timetable and Project Timetable (and any amendments to clauses 8.3 and 8.6 in the Project Partnering Agreement) incorporate all of the inputs, timings and responsibilities that are contained in the BIM Protocol (a separate multi-party protocol for use and development of the BIM Model and input of data into the Building Information Model); and
- 3 the BIM Model (the three dimensional electronic building information model) is included as part of the Project Proposals.

Amendments to the published form of PPC2000 (Amended 2008)

If the Partnering Terms are amended as set out below in this supplement, users should consider the following when the Project Partnering Agreement is being filled out:

- 1 mentioning the BIM Co-ordinator in the sections for 'Clauses 1.3 and 1.5' (Consultant members of the Partnering Team), 'Clause 3.3' (Core Group members); 'Clause 8' (Design Team members) and 'Clause 27.2' (named individuals for Problem-Solving Hierarchy).
- 2 stating any amendments to the design development process necessary to develop the BIM Model in the section for 'Clauses 8.3 and 8.6'.
- 3 mentioning the BIM Protocol in the section for 'Clause 2' (so that it is recognised as a Partnering Document).

1 **Clause 2.6**

In clause 2.6 insert new paragraph (vi) as follows:

"(vi) BIM Protocol"

and renumber existing paragraphs (vi) to (xii) accordingly.

2 **Clause 4.1**

In clause 4.1 insert a new paragraph (vii) as follows:

"(vii) implementation of the Project in accordance with the BIM Protocol;"

and renumber existing paragraph (vii) as paragraph (viii).

3 **Clause 8.3**

In the opening paragraph of clause 8.3 insert "the BIM Protocol" after ", the Project Proposals"

4 **Clause 8.6**

In the opening paragraph of clause 8.6 insert "the BIM Protocol" after ", the Project Proposals"

At the end of paragraph (iv) insert "and shall fully involve the BIM Co-ordinator"

5 **Clause 8.12**

In line 1 after "this clause 8" insert "(including those contained in the Building Information Model when approved by the Client)"

6 **Clause 8.14**

Insert new clause 8.14 as follows:

"Each Partnering Team member shall comply with the BIM Protocol and shall input into the Building Information Model in accordance with the BIM Protocol and other Partnering Documents as required by the BIM Co-ordinator."

7 **Clause 9.4**

In line 2 after "the existing documents" insert ", data inputted into the Building Information Model"

In the penultimate line after "documents" insert "and any data information inputted into the Building Information Model"

8 **Clause 9.5**

Insert new clause 9.5 as follows:

"For the avoidance of doubt and without limitation, the words "design" and "designs" in this clause 9 shall include any data or other information whatsoever submitted in connection with the operation of any building information modelling software of the Building Information Model."

9

Clause 14.1

In clause 14.1 insert new paragraph (xii) as follows:

"(xii) the Building Information Model having been sufficiently developed in accordance with clause 8 and the BIM Protocol;"

and renumber the subsequent paragraphs accordingly.

10

Appendix 1

Insert the following new definitions in Appendix 1 (in alphabetical order):

"**BIM Co-ordinator** – the party named in the Project Partnering Agreement to ensure implementation of the BIM Protocol and co-ordinate the use of the Building Information Model and input of data into the Building Information Model;"

"**BIM Protocol** – the protocol for the use and development of the BIM Model and input of data into the Building Information Model;"

"**Building Information Model** – the three dimensional electronic building information model;"
