
**VOLUME 0 MODEL CONTRACT
DOCUMENT FOR MAJOR
WORKS AND
IMPLEMENTATION**

**SECTION 2 IMPLEMENTING
STANDARDS**

PART 3

SD 3/98

**PREPARATION OF BILLS OF
QUANTITIES FOR HIGHWAY WORKS**

SUMMARY

This Standard introduces documents required for the preparation of Bills of Quantities and gives implementation requirements for their use in trunk road contracts in the UK. It supersedes SD 3/92.

INSTRUCTIONS FOR USE

This is a new document to be incorporated into the Manual.

1. Remove SD 3/92 from Volume 0, Section 2, Part 3.
2. Insert SD 3/98 into Volume 0, Section 2, Part 3.
3. Archive this sheet as appropriate.

Note: A quarterly index with a full set of Volume Contents Pages is available separately from The Stationery Office Ltd.



THE HIGHWAYS AGENCY



THE SCOTTISH OFFICE DEVELOPMENT DEPARTMENT



**THE WELSH OFFICE
Y SWYDDFA GYMREIG**



**THE DEPARTMENT OF THE ENVIRONMENT FOR
NORTHERN IRELAND**

Preparation of Bills of Quantities for Highway Works

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REGISTRATION OF AMENDMENTS

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1. INTRODUCTION

1.1 This Standard introduces documents contained in Volume 4 of the Manual of Contract Documents for Highway Works (MCHW) to be used in the preparation of contracts for the construction, improvement or maintenance of trunk roads including motorways (in Northern Ireland Volume 4 will be applicable to those roads designated by the Overseeing Organisation).

1.2 Volume 4 titled Bills of Quantities for Highway Works contains the Method of Measurement for Highway Works (MMHW) and the Library of Standard Item Descriptions (LSID), which encompass previous documentation together with alterations and additions consequent upon the changes introduced in the March 1998 edition of the Specification for Highway Works (SHW). Notes for Guidance on the Method of Measurement for Highway Works are also provided in Volume 4.

Scope

1.3 The three sections of Volume 4 of the Manual of Contract Documents for Highway Works comprise:

Section 1: Method of Measurement for Highway Works

Chapter I: Definitions

Chapter II: General Principles

Chapter III: Preparation of Bills of Quantities

Chapter IV: Units and Method of Measurement

Section 2: Notes for Guidance on the Method of Measurement for Highway Works

Section 3: Library of Standard Item Descriptions

1.4 Chapter IV of the MMHW contains 26 Series corresponding with those in the SHW and additionally Series 2700: Accommodation Works and Works for Statutory Undertakers. Not all of the Series are however taken up.

1.5 The LSID contains 27 Series corresponding with those in the MMHW and additionally Series 2800: Provisional Sums and Prime Cost Items. Not all of the Series are however taken up.

Related Documents

1.6 The documents contained in Volumes 0 to 3 of the Manual of Contract Documents for Highway Works shall be used when preparing contracts incorporating Volume 4.

Implementation

1.7 Contracts for the construction, improvement or maintenance of trunk roads including motorways (in Northern Ireland those roads designated by the Overseeing Organisation) shall be prepared using the documents listed in paragraphs 1.3 and 1.6 except where the preparation of a contract has reached a stage at which, in the opinion of the Overseeing Organisation, their use would result in significant additional expense or delay progress. Notwithstanding the above, all contracts for which tenders are to be invited after 1 July 1998 shall be based on this Standard, unless specific approval has been obtained from the Overseeing Organisation to use other documents.

Superseded Documents

1.8 All previous editions of the documents contained in Volume 4 of the Manual of Contract Documents for Highway Works are hereby superseded except where used for schemes for which the Contract has been awarded using earlier editions or which are covered by paragraph 1.7 above.

2. STANDARD LAYOUT FOR BILLS OF QUANTITIES

Layout

2.1 A standard layout shall be used when compiling Bills of Quantities for contracts where documents listed in paragraphs 1.3 and 1.6 are used.

Format

2.2 Details of the fields to be used for the standard layout in terms of line and column widths together with a typical example are at Annex A.

3. REFERENCES

3.1 Manual of Contract Documents for Highway Works

Volume 0: Model Contract Document for Major Works and Implementation Requirements (MCHW 0)

Volume 1: Specification for Highway Works (March 1998): (MCHW 1)

Volume 2: Notes for Guidance on the Specification for Highway Works (March 1998): (MCHW 2)

Volume 3: Highway Construction Details (December 1991/April 1992 with August 1993, August 1994 and March 1998 amendments): (MCHW 3)

4. ENQUIRIES

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All technical enquiries or comments on this document should be sent in writing as appropriate to the above.

DETAILS OF STANDARD LAYOUT FOR BILLS OF QUANTITIES

This Annex details the requirements for the page layout and column widths to be used in the preparation of Bills of Quantities together with an example of the resulting page format.

