

**PREPARATION OF BILL OF QUANTITIES USING
COMPUTERS**

by

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Project Report

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Summary

I was asked to prepare a bill of quantities using computers. Originally the bill of quantities was prepared manually and then the results obtained were compared with the results output from a computer. The manual part was calculated net as specified in the SMM7, and the trade method was used for preparing the Bill of Quantities.

Moreover samples of taking - off are given using the manual way for the purpose of comparison the results with the method of a digitiser. It gives the benefits and the applications of the computer in the Quantity surveying, and also information about the bill of quantities. It makes suggestions about what computers have to offer in order to compete with the traditional methods used by quantity surveyors as well as suggestions about what the quantity surveyor has to do to face the new technological age.

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