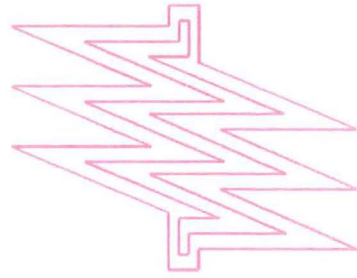


HIGHER TECHNICAL INSTITUTE
COMPUTER STUDIES COURSE
PROJECT DIPLOMA



COMPUTERISATION OF
COSTING PROCEDURES
OF EXTENSION SCHEMES
OF E.A.C.

CS/098
SYSTEM ANALYSIS

Designed by:
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May 1993

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COSTING PROCEDURES
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This project is submitted in partial fulfilment
of the award
of the
DIPLOMA IN COMPUTER STUDIES
of the
HIGHER TECHNICAL INSTITUTE

CS/098

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May 1993

SUMMARY

The project was initiated by the SD&FP Section of E.A.C. Head Office to assist in the easier preparation of their charging Distribution Construction Cost Manual (DCCM), which is annually reviewed.

The Distribution Construction Cost Manual is prepared using a consistent methodology based on Materials, Labours, Transports and Overhead Analysis for all the jobs undertaken for the extension of the Authority's Distribution Networks.

A computer system has been developed utilizing existing information on procedures, computer data magnetically stored and information received by interviewing the responsible E.A.C. staff.

Based on the exact user requirements, a computer system has been designed and developed to automate the preparation of the DCCM. The system was developed based on the "Systems Development Life Cycle" methodology, as the basic tool for organizing the computer analysis tasks to be done.

The new computerized system utilizes existing data in electronic form obtained from the Authority's mainframe computer files for the Stores Section, as well as other forms from the Financial Department. The output reports were based on the user requirements, as well as on added facilities for improving clarity and information e.g. additional graphs and comparisons between data for different Years.

The system provides On-Line Help, On-Line Enquires, Basic System Securities and Maintenance Procedures.

The application was favourably received by the users.

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