SPR RESEARCH PROJECT DESCRIPTION

PROJECT NUMBER:
03404

PROJECT TITLE:
Computerization of ALDOT R&D Library Titles

PRINCIPAL INVESTIGATOR:
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PROJECT OBJECTIVE:
This project will catalog resource materials in the offices of the Research and Development (R&D) Bureau of the Alabama Department of Transportation (ALDOT), and place them in an automated information retrieval system.

PROJECT ABSTRACT:
In addition to authorizing and monitoring new research projects, the R&D Bureau stores paper copies of completed project reports, transportation journals, federal research publications, etc., in its library. This project will catalog these items and produce a database compatible with ALDOT’s current computer system. The resulting database will allow users to easily identify whether a particular document is present in the ALDOT library, and if so, will allow it to be quickly located and retrieved, while interfacing with the existing computer network.

PROJECT TASK DESCRIPTIONS:
1) Select appropriate software
2) Develop digital information for the database
3) Install the database at the R&D Bureau offices

MILESTONES AND DATES:
Task 1: Dec 1 – Dec 31, 2002
Task 3: Feb 1 – Feb 28, 2003

TOTAL BUDGET:
ALDOT: $9,915

STUDENT INVOLVEMENT:
Three MS level graduate students will contribute to the research effort.
RELATIONSHIP TO OTHER RESEARCH PROJECTS:
This project is not related to any other UTCA project.

TECHNOLOGY TRANSFER ACTIVITIES:
The results of this research will enable efficient transfer of research documentation to ALDOT researchers and practitioners.

POTENTIAL BENEFITS OF THE PROJECT:
The results of this project will be indirect, in that they will improve research productivity of individual future investigators working on ALDOT studies. The amount of benefit cannot be reasonably estimated, but it certain to be more than the amount expended in constructing and installing the database.

TRB KEYWORDS:
Library, data retrieval, research and development