

# Logistics Outsourcing Tool

In an effort to help companies dealing with cost analysis the Warehousing Education and Research Council (WERC) has come up with a plan to develop a web-based tool.

The tool will provide assistance to companies seeking to outsource logistics operations in figuring out vital information that will help in the decision-making process.

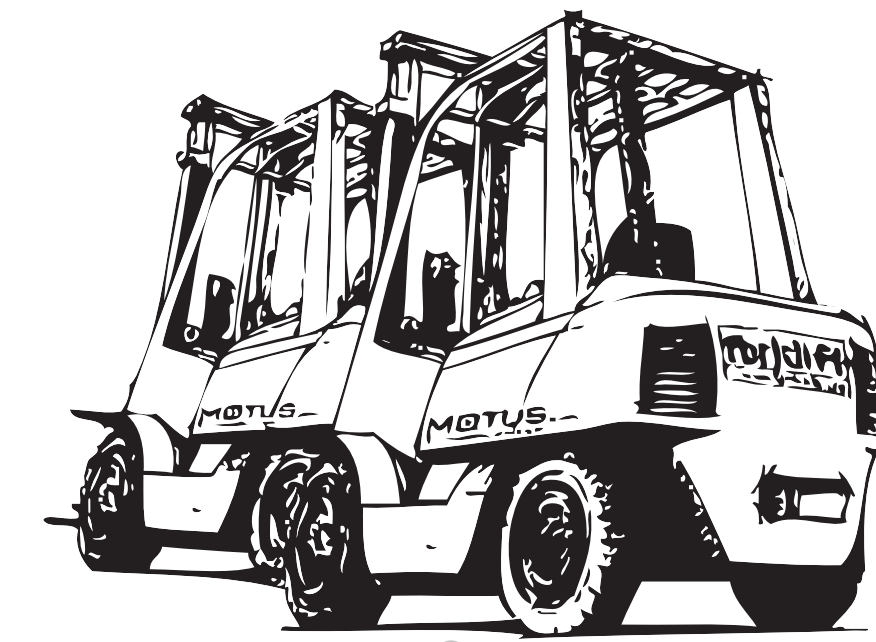
## Logistics Outsourcing Tool

Problem

*"How to maximize the profit of a warehouse?"*

*"Outsourcing - Yes or No?"*

*"What are the actual costs? How are they itemized?"*



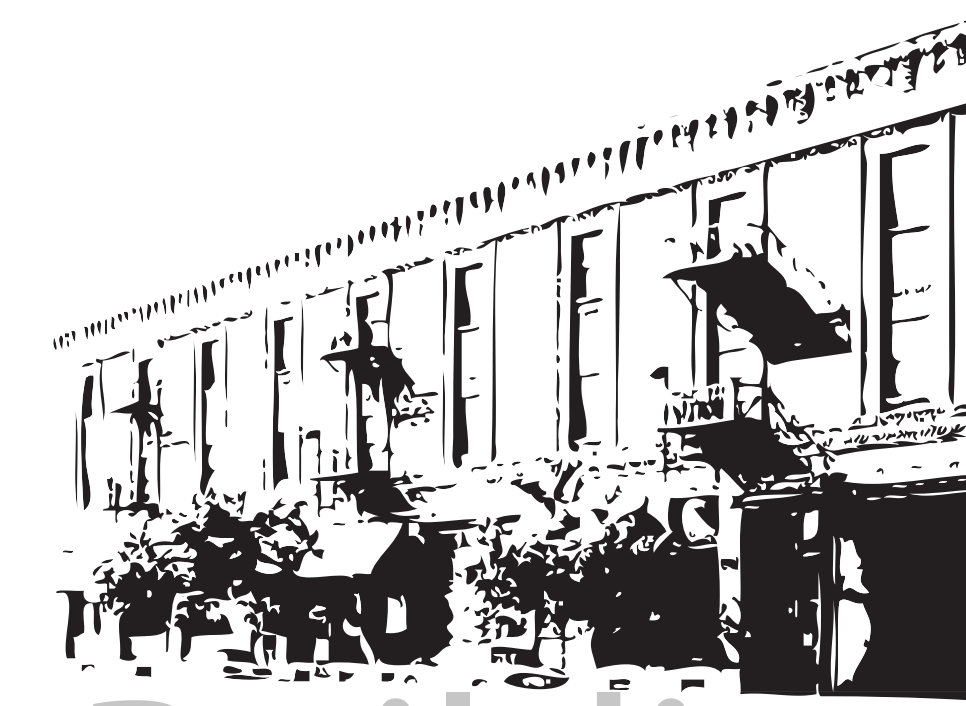
Equipment

+



Labor

+



Building

In the project planning phase our team identified the objectives for the IPRO. The main task is to **aid companies** seeking to outsource logistics operations.

We identified three **major groups** where the costs are allocated.

Team

### SPONSOR



Warehouse Education and Research Council and The Kern Family Foundation  
Sponsor

### FACULTY



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### TOOL DEVELOPMENT



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Solution

## Accomplishments

### Research phase:

- Library and Internet Research
- Warehouse visit and Interviews

### Division into Sub-teams:

We reached our goal of building the **Logistics Outsourcing Tool** through these intermediate steps:

- Creating a **mathematical model** of distribution operation
- Creating a **web-based application** for efficient cost analysis
- Preparing the layout of the tool, and all deliverables by the **marketing** team

