

CONTENTS

Papers	Page
REMOTE TERMINAL COST ESTIMATING by LeRoy T. Boyer and Robert C. Volkman	1
SYSTEM FOR CONTROL OF CONSTRUCTION QUALITY by Roland M. Parsons	21
PROJECT PLANNING AND CONTROL BY TIME-SHARING COMPUTER by Norman L. Scott and E. Lile Murphree, Jr.	37
ESTIMATING COSTS OF EARTHWORK VIA SIMULATION by Jack H. Willenbrock	49
SENSITIVITY ANALYSIS OF DOUGLAS EQUIPMENT LIFE MODEL by Neal B. H. Benjamin	61
LEARNING AND EXPERIENCE CURVES by Marvin Gates and Amerigo Scarpa	79
RESPONSIBILITIES OF THE ENGINEER AND THE CONTRACTOR UNDER FIXED-PRICE CONSTRUCTION CONTRACTS by Wayne S. Byrne (On behalf of the Construction Committee of the United States Committee on Large Dams)	103

(over)

This Journal is published aperiodically by the American Society of Civil Engineers. Publications office is at 345 East 47th Street, New York, N.Y. 10017. Address all ASCE correspondence to the Editorial and General Offices at 345 East 47th Street, New York, N.Y. 10017. Allow six weeks for change of address to become effective. Subscription price is \$6.00 per year with discounts to members and libraries. CO, UP, PO, PP, SU.

 DISCUSSION

 Proc. Paper 8748

A PROFILE OF THE FUTURE CONSTRUCTION SYSTEM, ^a	
by Joseph C. Kellogg (Mar., 1971).	
by John D. Bristol	133
by Robert A. May	134
CONSTRUCTION OF LARGE CONCRETE OCEAN	
STRUCTURES, ^a by Ben C. Gerwick, Jr. (Mar., 1971).	
by Alexander M. Turitzin	135
BIDDING WITH COMPETITIVE STRATEGY MODELS, ^a	
by Louis R. Shaffer and Terry W. Micheau (Mar., 1971).	
Prior Discussion: Nov., 1971).	
by Thomas L. Morin and Richard H. Clough	137
BIDDING CONTINGENCIES AND PROBABILITIES, by	
Marvin Gates (Nov., 1971).	
errata	139

 TECHNICAL NOTE

 Proc. Paper 8753

BIDDING MODELS: RESOLUTION OF A CONTROVERSY	
by Matthew Rosenshine	143

INFORMATION RETRIEVAL

The key words, abstract, and reference "cards" for each article in this Journal represent part of the ASCE participation in the EJC information retrieval plan. The retrieval data are placed herein so that each can be cut out, placed on a 3 x 5 card and given an accession number for the user's file. The accession number is then entered on key word cards so that the user can subsequently match key words to choose the articles he wishes. Details of this program were given in an August, 1962 article in CIVIL ENGINEERING, reprints of which are available on request to ASCE headquarters.

^a Discussion period closed for this paper. Any other discussion received during this discussion period will be published in subsequent Journals.