Universiti Teknologi MARA

Earnings Management in Malaysia: The Case of Cash From Operations and the Behaviour of Discretionary Accruals

Rosnia Binti Masruki

Thesis is submitted in partial fulfillment of the requirement for the degree of

Master of Accountancy

Faculty of Accountancy

September 2004

ABSTRACT

The objectives of this study are to investigate the relationship between the operating performances of firms listed on the Main Board of the Bursa Malaysia and to examine the behaviour of discretionary accruals during the period of 1999-2002. This dissertation hypothesized that the degree of earnings management will depend on the level of the firm operating performances. Initially, the sample firms are divided into 10 portfolios based on relative cash from operations (CFO) rankings to test if there are systematic differences in discretionary accruals across portfolios. Four test methods (a mean accrual test, a correlation test, a regression analysis and a sign-change ratio test) are used to study if operating performances affect discretionary accruals differently. To further test the earning management hypotheses, two accrual estimation approaches (discretionary accruals and total accruals) are employed. The empirical evidence supports the predictions. It suggests that firms from various industries manage earnings, when operating performance is poor. The firms tend to choose income-increasing strategies, specifically, when the operating performance is extremely poor. In fact, some firms tend to take a big bath whereas some of the exceptionally well performing firms tend to select income-decreasing strategies.

ACKNOWLEDGEMENTS

All praise is to Allah the Al-Mighty for giving me the strength and patience in completing this dissertation within the stipulated time.

This paper would not have been possible without the help from many people. I would like to take this opportunity to express my sincere gratitude and appreciation to those who have contributed in various ways towards completing this paper.

I am especially grateful to my advisor, Associate Professor Dr. Muhd Kamil Ibrahim for sharing invaluable time in giving guidance, constructive advice, thoughtful suggestions and comments. His enlightenment and encouragement are greatly appreciated. Thank you to Professor Dr Ibrahim Kamal Abdul Rahman, the Dean of the Faculty of Accountancy, UiTM, Dr Asma Abdul Aziz/Dr Suzana Sulaiman, Program Co-ordinator of Master of Accountancy, for their unrelenting support, help and guidance throughout this program.

Many thanks also go to Dr. Zubaidah Zainal Abidin for her Research Methodology lecture and aid in expanding my knowledge on this matter. I am indebted to Dr. Isahak Kassim who has accorded continuous aid in a statistical analysis and sincere appreciation to Puan Hajah Maimum for her help in editing this research paper.

Last but not least, my deepest gratitude is recorded to my beloved spouse, Ahmad Asfahani Bashiron and both of my daughters, Nurul I'zzah and Nurul Insyirah for their understanding, tolerance, patience and encouragement throughout, without their loving support my dissertation would have been a difficult and long journey.

TABLE OF CONTENTS

Acknowledgements			
Table of Contents			
List of Tables			
Abstract			
	CHAPTER ONE: INTRODUCTION		
1.1	Introduction	1	
1.2	Motivation of the Study	4	
1.3	Objective of the Study	6	
1.4	Significance of the study	6	
1.5	Organisation of the Study	8	
	CHAPTER TWO: LITERATURE REVIEW		
2.1	Income Smoothing	9	
2.2	Management Compensation	12	
2.3	Ownership Control or Management Buyout	14	
2.4	Political Costs	15	
2.5	Summary	17	

CHAPTER THREE: RESEARCH METHODOLOGY

3.1	Samp	Sampling Design		
3.2	Resea	Research Design		
3.3	Data Collection			
3.4	Data Analysis		21	
	3.4.1	Descriptive Statistics	21	
	3.4.2	Construction of Portfolios	21	
	3.4.3	Estimation of Discretionary Accruals	22	
	3.4.4	Examination of Earnings Management	24	
3.5	Resear	rch Hypotheses	26	
	CH	APTER FOUR: DATA ANALYSIS AND FINDINGS	\$	
4.1	Statist	ical Analysis	28	
	4.1.1	Descriptive Statistics	29	
	4.1.2	Measurement of Discretionary Accruals	29	
	4.1.3	Accruals by CFO Portfolios	32	
	4.1.4	Mean Difference Test	33	
	4.1.5	Correlation Tests	34	
	4.1.6	Regression Analysis	36	
	4.1.7	Sign-Change Tests	38	
4.2	Discussion of the Result			
	4.2.1	The Association of Mean Accruals with CFO	40	
	4.2.2	The Correlation between CFO and NI	41	
	4.2.3	Relationship Between OPR and CFO with accruals	41	
	4.2.4	The relevant of CFO with NI	43	