REFERENCES

- [1] K. Knutson, C. J. Schexnayder, C. M. Fiori and R. E. Mayo, "Overview of the construction industry," in Construction Management Fundamentals, 2nd edition, McGraw-Hill, pp. 36 57, 2009.
- [2] Construction Extension to the PMBOK® Guide 3rd Edition, PMI Standard, 2nd edition, 2007.
- [3] Code of Practice for Project Management for Construction and Development, The Chartered Institute of Building U.K., 2nd edition, 2006.
- [4] D. W. Halpin, "Preparing the bid package," in Construction Management, 3^{rd} edition, Wiley, pp. 19 45, 2005.
- [5] W. C. Benton and L. F. McHenry, "Construction supplier selection and evaluation," in Construction Purchasing & Supply Chain Management, McGraw-Hill, pp. 77 10, 2010.
- [6] T. E. Uher and P. Davenport, "Introduction to contract administration," in Fundamentals of Building Contract Management, 1st edition, UNSW Press, pp. 1 – 27, 2002.
- [7] J. D. Stevens, "Blueprints for measuring project quality," Journal of Management in Engineering, vol. 12, no. 2, pp. 34-39, Mar. 1996.
- [8] P. Daneshmand and A. Khreich, "Assessing the Performance of Road Construction Projects: The Practical Application of EVPM Method (Case Study)," in Conf. Australian Institute of Project Management, Hobart, 2007. [Online]. Available: http://www.aipm.com.au/resource/DANESHMAND-Full-Paper 2007.pdf
- [9] United States of America Department of Energy, Earned Value Management Tutorial Module1: Introduction to Earned Value Management, Available: http://www.science.doe.gov/opa/pdf/FinalModule1.ppt.
- [10] Project Management Institute. A Guide to the Project Management Body of Knowledge, 4th edition, 2008.

- [11] W. Q. Fleming and J.M. Koppelman, Earned Value Project Management. 3rd edition, Project Management Institute, USA, 2006.
- [12] R. Mohamad, "The need for systematic project management in construction industry Malaysia," Macro works, 2003. [Online]. Available: http://www.straits-engineers.com/publications.html
- [13] H. N. Ahuja, S.P. Dozzi and S.M. Abourizk, "Plan Implementation, Monitoring, and Control" in Project Management Techniques in Planning and Controlling Construction Projects, 2nd edition. New York: Wiley, pp. 274 – 277, 1994.
- [14] P. Seshadri, "rEVaMp: Risk Elicited Earned Value Management Procedure A Systematic Framework for Accounting for Project Uncertainties," MSc. thesis, Dept. of Engineering and Management., Massachusetts Institute of Technology, USA, 2009.
- [15] P. Putz, D. A. Maluf, D. G. Bell, M. H. Gurram, J. Hsu, H. N. Patel and K. J. Swanson, "Earned Value Management at NASA: an integrated, lightweight solution," presented at IEEE Aerospace Conference, Montana, 2007.
- [16] O. Kwon, S. Kim, J. Paek and S. Eom, "Application of earned value in Korean construction industry a case study," Journal of Asian Architecture and Building Engineering, vol. 7, pp. 69 76, 2008.
- [17] J. W. E. Masterman, "The concept and evolution of building procurement system," in an Introduction to Building Procurement Systems, 2nd edition, London, Spon Press, pp. 26 48, 2002.
- [18] P. McDermott, Y. Melaine and D. Sheath, "Construction Procurement Systems-What Choice for the Third World?" in 1994 Proc. of CIB W92 Procurement System Symposium, University of Hong Kong, Hong Kong, CIB Publication 175, 203 11.
- [19] F. Harris and R. McCaffer, "Project procurement," in Modern Construction Management, 6th edition, UK, Blackwell Publishing, 2006, pp. 151 184.
- [20] D. Bower, "Contract Strategy," in Management of Procurement, 1st edition, London, Thomas Telford, 2003, pp. 65 66.
- [21] N. H. B. Mohamed, "A case study on the management of UTM new hostel based on design and build arrangement," M.S. thesis, Dept. Civil Eng., UTM., Johor, Malaysia, 2005.

- [22] S. C. Ward, B. Curtis and C. B. Chapman, "Objectives and performance in construction projects," Journal of Construction Management and Economics, vol. 9, pp. 343-353, 1991.
- [23] R. A. Mohsini and C. H. Davidson, "Determinants of performance in the traditional building process," Journal of Construction Management and Economics, vol. 10, pp. 343-359, 1992.
- [24] A. P. C. Chan, and A. P. L. Chan, "Key Performance Indicators for measuring construction success," Benchmarking: An International Journal, vol. 11 (2), pp. 203 221, 2004.
- [25] A. P. Kaka, "The development of a benchmark model that uses historical data for monitoring the progress of current construction projects," Engineering, Construction and Architectural Management, vol. 6 (3), pp. 256 266, 1999.
- [26] P. Kaming, P. Olomolaiye, G. Holt and F. C. Harris, "Factors influencing construction time and cost overruns on high-rise projects in Indonesia," Journal of Construction Management and Economics, vol. 15 (1), pp. 83-94, 1997.
- [27] K. Zhu and L. Lin, "A stage by stage factor control framework for cost estimation of construction projects", presented at 2004 Owners Driving Innovation International Conference, Queensland, Australia.
- [28] I. R. Endut, A. Akintoye, and J. Kelly, "Cost and time overruns of projects in Malaysia," proceedings of the 2nd Scottish conference for postgraduate researchers of the built and natural environment (PRoBE), Glasgow, UK, pp. 243-252, 17 November 2005.
- [29] Ministry of Finance Malaysia. (2009, Sep 01). Treasury Circular No. 8. [Online]. Available: http://www.treasury.gov.my
- [30] The Auditor General of Malaysia, "Synopsis on the audit of the federal government's financial statement, financial management and activities of federal ministries/ departments and management of government companies 2008," National Audit Department Malaysia, Putrajaya, Jun. 2009.
- [31] Z. A. Memon, M. Z. Majid, and M. Mustaffar, "A systematic approach for monitoring and evaluating the construction project progress," Journal The institution of engineers, Malaysia, vol. 67 (3), pp. 26–32, 2006.

- [32] H. A. Rahman, M. A. Berawi, A. R. Berawi, O. Mohamed, M. Othman and I. A. Yahya, "Delay Mitigation in the Malaysian construction industry," Journal of Construction Engineering and Management, vol. 132 (2), pp. 125–133, 2006.
- [33] G. J. Ritz, Total Construction Project Management, McGraw-Hill, Singapore, 1994.
- [34] Y. Guo-li, "Project Time and Budget Monitor and Control," Management Science and Engineering, vol. 4, no. 1, pp. 56 61, 2010.
- [35] A. G. Barraza, E. W. Back, and F. Mata, "Probabilistic monitoring of project performance using S-curves," Journal of Construction Engineering and Management, vol. 126 (2), pp. 142 148, 2000.
- [36] R. H. Neale and D. E. Neale, "Monitoring and control," in Construction Planning, London, 1st edition, Thomas Telford, pp. 84 101, 1989.
- [37] P. A. Kern and T. C. Formoso, "Guidelines for improving cost management in fast, complex and uncertain construction projects," presented at the 12th Annual Conference on Lean Construction, Denmark, Aug. 2004.
- [38] R. Kenley, "Managing through Earned Value" in Financing Construction, London and New York: Spon Press, pp. 105 135, 2003.
- [39] H. N. Ahuja, S.P. Dozzi and S.M. Abourizk, "Plan Implementation, Monitoring, and Control" in Project Management Techniques in Planning and Controlling Construction Projects, 2nd edition. New York: Wiley, pp. 274 – 277, 1994.
- [40] D. M. Jr. Brandon, "Implementing earned value easily and effectively," Project Management Journal, vol. 29, no. 2, pp. 11 18, Jun. 1998.
- [41] S. Vandevoorde, and M. Vanhoucke, "A comparison of different project duration forecasting methods using earned value metrics," International journal of project management, vol. 24, pp. 289–302, 2006.
- [42] D. S. Christensen, "Using the earned value cost management report to evaluate the contractor's estimate at completion," published in Acquisition review quarterly,1999.[Online]. Available: http://www.suu.edu/faculty/christensend/evms/evmreport.pdf
- [43] P. Putz, D. A. Maluf, D. G. Bell, M. H. Gurram, J. Hsu, H. N. Patel and K. J. Swanson, "Earned Value Management at NASA: an integrated, lightweight solution," presented at IEEE Aerospace Conference, Montana, 2007.

- [44] M. S. Ghasabeh and N. Akrami, "EVM application in a pipeline project: Cost and new schedule control," in 2nd International conf. on waste management, water pollution, air pollution, indoor climate, Corfu, Greece, pp. 63 70, 2008.
- [45] O. Kwon, S. Kim, J. Paek and S. Eom, "Application of Earned Value in Korean construction industry a case study," Journal of Asian Architecture and Building Engineering, vol. (7), pp. 69 76, 2008.
- [46] Project Management Institute. Practice Standard for Earned Value Management, 2005.
- [47] K. M. Nassar, H. G. Gunnarsson and M. Y. Hegab, "Using weibull analysis for evaluation of cost and schedule performance," Journal of Construction Engineering and Management, pp. 1257 1262, 2005.
- [48] S. S. Leu and Y. C. Lin, "Project performance evaluation based on statistical process control techniques, Journal of Construction Engineering and Management, pp. 813 819, 2008.
- [49] S. H. Iranmanesh and M. Zarezadeh, "Application of Artificial Neural Network to Forecast Actual Cost of a Project to Improve Earned Value Management System," in World Academy of Science, Engineering and Technology, pp. 210 – 213, 2008.
- [50] D. S. Christensen, "The costs and benefits of the earned value management process," published in Acquisition review quarterly, 1998. [Online]. Available: http://www.suu.edu/faculty/christensend/evms/cbaevms.pdf
- [51] E. Kim, Jr. W. G. Wells and M. R. Duffey, "A model for effective implementation of Earned Value Management methodology," International Journal of Project Management, pp. 375 382, 2003.
- [52] M. Vertenten, L. Pretorius and J. H. C. Pretorius, "Earned value as a performance measurement tool for small and large construction projects in a South African Environment," presented at IEEE AFRICON, Kenya, 2009.
- [53] P. Buyse and Tim Vandenbussche, "Performance analysis of Earned Value Management in the construction industry," MSc. thesis, Faculteit Economie En Bedrijfskunde., Universitiet Gent, Belgium, 2010
- [54] American National Standard Institute / Electronic Industries Alliance Earned Value Management System, ANSI-EIA-748-98, 1998.

- [55] Australian Standard for Project Performance Measurement Using Earned Value, AS 4817, 2006
- [56] P. Harris. (2006, July). Comparison of Earned Value Standards. Eastwood Harris Pvt. Ltd. Victoria, Australia. [Online]. Available: http://www.eh.com.au/Technical%20Papers/060703%20Comparison%20of%2 0EVM%20Standards.pdf
- [57] USA Federal CIO Council. (2005, Dec.). A framework for developing Earned Value Management Systems (EVMS) policy for Information Technology (IT) projects. [Online]. Available: http://www.cio.gov/documents/Framework_for_Developing_EVMS_Policy_12-5-05.pdf
- [58] D. I. Cleland and L. R. Ireland, "The project Earned Value Management System," in Project Management, 5th edition, New York, McGraw-Hill, pp. 347 364, 2006.
- [59] Project Management Institute. Practice Standard for Work Breakdown Structures, 2nd Edition, 2006.
- [60] K. Schwalbe, "Planning projects," in Introduction to Project Management, USA, Thomson Learning, 2006, pp. 145 147.
- [61] Q. W. Fleming and J. M. Koppelman, "Start with simple earned value on all your projects," The Journal of Defense Software Engineering, pp. 16 19, 2006.[Online]. Available: http://www.stsc.hill.af.mil/crosstalk/2006/06/0606fle mingkoppelman.html
- [62] R. R. Venkataraman and J. K. Pinto, "Project budgeting," in Cost and Value Management in Projects, USA, Wiley, pp. 89 104, 2008.
- [63] Australian Government Department of Defense. (2006, Jun). Earned Value Management Review Handbook. [Online]. Available: www.defence.gov.au/.../evm/EVM_SYSTEM_REVIEW_HANDBOOK% 20rev2.1_0.pdf
- [64] D. Z. Milosevic, "Cost control," in Project Management Tool Box, USA, Wiley, pp. 421 447, 2003.
- [65] R. Burke, "Earned value," in Project Management, 2nd edition, USA, Wiley, pp. 224 239, 2003.
- [66] C. W. Emory and D. R. Cooper, Business Research Methods, Irwin, Homewood, 1991.

- [67] J. W. Creswell and V. L. Plano Clark, Designing and Conducting Mixed Methods Research, Thousand Oaks, Calif.: SAGE Publications.
- [68] J. F. Hair, R. P. Bush and D. J. Ortinau, Marketing research: Within a Changing Information Environment, 2nd Edition, Boston London: McGraw-Hill/Irwin, 2003
- [69] A. Majid, "Assessment of Work Performance," PhD. thesis, Dept. Civil Eng., Loughborough University, UK, 2005.
- [70] S. Siegel and Castellan John, Nonparametric Statistics for the Behavioral Sciences, 2nd Edition, McGraw-HILL, 1988.
- [71] E. Saghatforoush, S. Hassain, M. S. Jaffar and M. R. A. Kadir, "Assessment of critical constructability activities among Malaysian building Contractors," American Journal of Scientific Research, pp. 15 25, 2009.
- [72] Malaysia Top Corporate Directiory. Malaysian National New Agency. 2008.
- [73] R. Takim, R. A. Rahman, K. Ismail and C. O. Egbu, "The acceptability of Private Finance Initiative (PFI) scheme in Malaysia," Asian Journal of Social Science, vol. (4), pp. 71 82, 2008.
- [74] R. K Yin, Case Study Research, 2nd edition, USA, SAGE Publications, pp. 1 7, 1994.
- [75] MMC-Gamuda Joint Venture Sdn Bhd. (2010, Jan.). Electrified double track project. [Online]. Available: http://www.2t.com.my/EN/project/index.html
- [76] D. C. Bower, "New Directions in Project Performance and Progress Evaluation," PhD. thesis, School of Construction, Property and Project Development, RMIT University, Australia, 2007.

LIST OF PUBLICATIONS

- 1. "The Performance Measurement of Private Finance Initiative Project in Malaysia By using Earned Value Management Technique", Proceedings of 3rd International Conference on Built Environment in Developing Countries, Penang, Malaysia, ISBN NO: 978 983 3986 60 6
- "An Earned Value Management (EVM) Framework for the Performance Measurement of PFI Construction Projects in Malaysia", Proceedings of 2nd International Conference on Technology & Operation Management, Langkawi, Malaysia 5-7 July 2010. ISBN NO: 978 983 2078 37 1
- 3. "The Application of Earned Value Analysis (EVA) for Construction Projects of Public Works Department Malaysia: A Case Study", Proceedings of 4th International Conference on Built Environment in Developing Countries, Penang, Malaysia,1 2 Dec 2010. ISBN NO: 978 967 5417 99 3
- 4. "The Cost Monitoring of Construction Projects Through Earned Value Analysis", Accepted for 2011 International Conference on Industrial Technology Economics, Kuala Lumpur, 4 5 June 2011.
- 5. "Application of Earned Value Management System on an Infrastructure Project: A Malaysian Case Study", Accepted for 2011 International Conference on Management and Artificial Intelligence, Bali, Indonesia, 1 3 Apr 2011.
- "Perception of Earned Value Analysis for Time and Cost Monitoring of Construction Projects in Malaysia", Submitted for International Journal of Project Management. Manuscript No: JPMA-D-11-00043