

References

- Aamodt, A., and Plaza, E. (1994), "Case-Based Reasoning; Foundational Issues, Methodological Variations and System Approaches", *AI Com – Artificial Intelligence Communications* 7(1).
- Ackoff, R.I., and Sasieni, M.(1968), "Competitive problems of operations research", Wiley, New York.
- Aggraval, S., Jain, S.S., and Parida, M. (2003), "New Techniques and Technologies for Pavement Management Systems", *New building Materials & Construction world* Sept 2003
- Ahmed, I., and Minkarah, I.A.(1988), "Questionnaire survey on bidding in construction," *ASCE Journal of Management in Engineering divisions*, 4 (3), July.
- Ahmed, I. (1990), "Decision- support system for modeling bid/no-bid decision problem." '*J. Constr. Engrg. And Mgmt.*, ASCE,.
- Akintoye, A., and Skitmore, M. (1991), "Profitability of UK construction contractor", *Construction Management and Economics*.
- Azzaro, D., Hubbard, J., and Robertson, D.(1987), "Contractors' Estimating Procedures –An Overview", *Royal Instruction of Chartered Surveyors, London*.
- BCA (2001) Building and Construction Authority, [http:// www. bca.gov.sg/](http://www.bca.gov.sg/) .
- Bell, L.B. (1969), "A system for competitive bidding", *Journal of Systems Management*, March 1970.
- Benjamin, N B H (1972). "Competitive bidding : The probability of winning." *J. constr. Div.*, ASCE, 98(9), 313-330.
- Bernard, J., and Washio, T.(1989), "Expert Systems in the Nuclear power Reactors", *ANS publishing, La Grange park*.
- Broemser, G.M.(1968), "Competitive bidding in the construction industry." *Dissertation presented to Stanford University, in partial Fulfillment of the Degree of Doctor of philosophy*.
- Brown, D.C., Melanie, J., Michael J., and Reuben, D. (2001). " New project Procurement process" *Journal of Management in Engineering* Vol 17
- Chua, D.K.H., and Li, D. (2000), "Key Factors in bid reasoning Model:" '*J. Constr. Engrg. And Mgmt.*, ASCE sept 2000.
- Chua, D.K.H., Li, D., and Chan, W.T. (2001), "Case Based Reasoning approach in Bid decision making:" '*J. Constr. Engrg. And Mgmt.*, ASCE Jan 2001.
- Curtis, F.J., and Maines, P.W. (1973), "Closed competitive bidding", *Omega*, 1(5)

- Dozzi, S.P., Abdu Rizk, S.M., and Schroeder, S.L. (1996), "Utility- theory model bid mark decisions" *Journal of Construction Engineering and Management* ASCE, 122
- Drew, D.S.,and Skitmore, R.M.(1997), "The effect of Contract type and size on competitiveness in bidding" *Construction Management and Economics*, 15,469-89.
- Dulaimi, M.F., and Guoshan, H.(2002), " The Factors influencing bid mark-up decisions of large and Medium size contractors in Singapore" *Journal of construction management & Economics* Vol 20
- Fayek, A. (1998). " Competitive bidding strategy model and Software system for bid preparation" *Journal of construction Engineering and Management* Vol 124
- Fayek, A. (1996a), "A Competitive estimating and tendering strategy model for use in the civil engineering construction industry." *PhD thesis, dept.of Civ. And Envir.Engrg., univ.of Melbourne, Melbourne, Victoria Australia.*
- Feigenbaum, E.P., McCordck, P., and Ni, H.P.(1988), "The Rise of the Expert company", *times books, New York,*.
- Ferguson,N.S., Langford, D.A., and Chan,W.M.(1995), "Empirical study of tendering practice of Dutch municipalities for the procurement of civil- engineering contracts." *Int. J. proj. Mgmt., Oxford ,England, 13(3),*
- Friedman, L. (1956), "A competitive bidding strategy" *Operation research*,4 , June.
- Gates, M. (1967), "Bidding Strategies and probabilities", *ASCE Journal of the construction divisions*, (C01), March.
- Hegazy, T., and Moselhi, O. (1995), "Elements of cost estimation: A survey in Canada and the United states." *Cost Engrg.*
- Isoft ,S.A. (1996), "Recall : case based reasoning package user's reference guide", *Chemin de Moulon, France.*
- Jaselskis, E.J.,and Talukhaba, A. (1998), "Bidding considerations in developing countries" *J. Constr. Engrg. And Mgmt., ASCE* June 1998
- Kaplan, S., Frank, M.S., Bley, D. C., and Lindsay, D.G. (1987), "Outline of COPILOT, Expert System for Reactor Operational assistance Using a Bayesian Diagnostic module", *Proceeding of the International post SMiRT- 9 Seminar on accident sequence modeling: Human actions, System Response Intelligent Decision Support, Munich,*
- King, M., and Mercer, A. (1990), "Optimum makeup when bidding uncertain costs", *European Journal of operational Research*, 47 (3), August 15.
- Kosko, B. (1992), "Neural Networks and fuzzy systems", *Prentice-Hall, Englewood Cliffs, NJ,*

- Kolonder, J.L.(1993),”Case-based Reasoning”, *Morgan Kaufman publishers Inc. San matea, Calif.*
- Lifson, M.W., and Shaifer, E.F.(1982), “Decision and Risk Analysis for construction Management”, *Wiley, New York.*
- Lee, C.C. (1990),”Fuzzy Logic in Control Systems”, *IEEE Transactions on Systems*, Vol 20.
- McCaffer, R. (1976), “Contractors’ bidding behaviour and tender price prediction”, *Ph.D. thesis, Loughborough University of technology.*
- Moselhi, O., Hegazy, T., and Fazio, P. (1993), “DBID: Analogy-based DSS for bidding in construction”, *J. Constr. Engrg. And Mgmt., ASCE*,119(3)
- Neufville, R., and King, D. (1991), “Risk and need-for-work premiums in contractor bidding”, *J. Constr. Engrg. And Mgmt., ASCE*,117(4)
- Oberlender, G.D., and Trost, S.M.(2001),” Predicting accuracy of early cost estimates based on Estimating quality” *J. Constr. Engrg. And Mgmt., ASCE* June 2001.
- Odusote,O.O., and Fellows, R.F. (1992),”An examination of the importance of resource considerations when contractors make project selection decisions.” *Constr.Mgmt. and Economics.*
- Ousterhout, J.K.(1994),” Tel and TK toolkit”, *Addison – Wesley, Reading. Mass.*
- Park, W.R., and Chapin Jr., W. B.(1992), “ Constructions Bidding: Strategic pricing for Profit”, 2nd Edn. *Wiley, New York.*
- Pais, C.P., and Sugeno, M.(1985),”Fuzzy relational equations and the inverse problem”, *Fuzzy sets and Systems.*
- Perera, A.A.D.A.J., Imriyas, K(2003),”Fuzzy KBS for Cost and time Control” *“Constr.Mgmt. and Economics ,22 (2).*
- Rick, and Knight (1991), - *URL*
- Ricker, M., (1986),”An Evaluation of Expert System Development Tools” *Expert Systems*, Vol.3,1986.
- Riesbeck, C.K., and Shank, R.C.(1989),”Inside Case-Based Reasoning” *Lawrence Assoc., Hillside, N.J.*
- Saaty, T.L.(1977),”A Scaling method for priorities in hierarchical structures”, *J. Math. Psychology, 15(1).*
- Sanders, S.R., and Cooper, T.(1990),“ Factors affecting contractor profitability.” *Trans., Am.Assoc. of cost Engrs., American Association of Cost Engineers, American association of Cost Engineers,Morgantown ,*
- Shash, A. (1993), “Factors considered in tendering decisions by top UK contractors.” *Constr. Mgmt. and Economics.*11



- Shash, A., and Abdul-hadi, N. H. (1992), "Factors affecting a contractor's mark-up size decision in Saudi Arabia." *Constr. Mgmt. and Economics*.10
- Swarout, W., and Smoliar, S.(1987), "On Marking Expert Systems More Like Expert Systems", Vol.4, No.3
- Ting, S.C., and Mills, A. (1996), "Analysis of contractors' bidding decisions." *Proc., CIB W92 Int. symp.on procurement sys.*, Univ. of Natal, Durban, South Africa.
- Tsoukalas, L.H., and Uhring, R.E.,(1992) "Fuzzy & Neural Approaches in Engineering" *Wiley interscience publication ISBN 0-471- 160003-2 USA.*
- Van Horn, M.(1986),"Understanding Expert Systems", *Bantan Books NY IFAC Oxford*
- Wanous, A.H., Boussabaine, and Lewis, J.(2000), "To bid or Not to Bid: A parametric Solution" *Jr Construction Management and Economics* 2000(18)
- Wateman, D.(1986), "How Do Expert system differ from Conventional Programs" *Expert Systems* Vol.3,No.1,
- Willenbrock, J.H.(1973), "Utility function determination for bidding models." *J. Constr. Div., ASCE* 99(1)
- Zadeh, L.A. (1965), "Fuzzy sets", *Information and control* Vol (8)
- www.mathworks.com -(Fuzzy logic Tool Box –Users manual)