

Development of a Web-based Cadastral Survey Project Management Information System in Support to the Lands Management Bureau of the Philippine Government

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Key words: Cadastre; Capacity building; e-Governance; Land management; Professional practice; Cadastral Surveys; Web-based MIS; public investment management

SUMMARY

The Philippine's Department of Environment and Natural Resources through the Lands Management Bureau (LMB) has been engaged in the full-scale implementation of Cadastral Survey Projects which mirror the government's seriousness to pursue programs that bring immediate and substantial benefits to the poor. Since inception until to date, the Cadastral Survey Program has encountered inadequacies in contract administration and operations management. With the substantial increase of cadastral surveys for the years 2012 to 2014, LMB deemed it wise to infuse a component which institutionalizes a project management tool for use by the officials and technical staff of the LMB and the Lands Management Services based in the field offices. Due to limited expertise, a private business firm was commissioned to design and develop the Web-based Cadastral Survey Project Management Information System or CSPMIS. It was aimed at supporting the individual project profiling, contract administration, document and action tracking, and monitoring and evaluation of the physical and financial status of projects. About 10 system modules were initially developed and have already facilitated the automated near-real time project feedback mechanism in support of project management. Noteworthy is the increase in internal capacity wherein over 60 End-Users were trained in CSPMIS utilization. A fully documented policy was also formulated to provide the specific guidelines in operationalizing the system, from End-Users until top management. Sets of Technical Documentation and Users' Manuals were likewise provided to LMB. The CSPMIS has significantly contributed to LMB's improvement in the internal project life cycle management, better feedback mechanism, initial enrichment in operationalizing procurement transparency and accountability measures, and jump started productivity development towards public investment management.