



Legislation Text

File #: 060515., **Version:** 0

Automated Mapping/Facilities Management (AM/FM) Software License (NB)

Staff recommends purchasing software that enables field personnel to collect information in the field and synchronize that information with the utility's automated mapping and facilities management system.

Utilities staff needs software for mobile computers that can capture and record information observed in the field and transfer that information to the network-based automated mapping/facilities management system (AM/FM). The field information collected will improve the accuracy of data within the AM/FM system and will facilitate both routine daily operations and the emergency restoration of services. The required software will provide several key operational features including the ability to "redline" digital maps for field data capture, and a means for collecting field data on pre-defined activity-specific forms. This software will be deployed by the Energy Delivery Department to improve digital maps of the electric and gas distribution systems.

Staff evaluated three software solutions to meet this need. Tadpole GO! Sync(r) offered the lowest cost solution providing the full range of software features required. Other products evaluated were Miner & Miner ArcFM Viewer at a cost of \$85,700 and a custom ArcEngine application at a cost of \$138,000. The cost of the required software licenses; including server, client, and extensions is \$55,380. Implementation services, including on-site software installation, configuration, training, and deployment support is \$12,250, for a total not to exceed amount of \$67,630. The City Commission: 1) authorize staff to negotiate and execute a software license agreement for one (1) GO! Sync (r) Mobile GIS Server and sixty (60) licenses for Mapbook Client and related software extensions with Tadpole Technology - Geospatial Solutions Division, subject to City Attorney approval as to form and legality, and 2) approve the issuance of a purchase order to Tadpole Technology - Geospatial Solutions Division, for the purchase of these software licenses in an amount not to exceed \$67,630.

Funds for this expense are available in the Energy Delivery FY2006 Utilities Capital Budget.

Prepared by: H. Reid Rivers, Engineering Manager, Energy Delivery

Submitted by: Karen Johnson, Interim General Manager