



City of Boynton Beach Agenda Item Request Form

Meeting Date: 05/19/2026

Proposed Resolution R26-084- Approving a professional services contract for the GIS consultant services with Canopy Mapping Co., for an amount not to exceed \$150,000.00 annually, pursuant to the single source procurement exemption.

Requested Action: Staff recommends approval of Proposed Resolution R26-084.

Explanation of Request: The City of Boynton Beach currently operates a hybrid Esri geographic information system (GIS) environment that includes ArcGIS Online, ArcGIS Enterprise 10.9.1, federated publishing, and hosted applications. Uninterrupted availability of these systems is critical to City operations across multiple departments. To maintain data integrity, ensure business continuity, and support the lifecycle transition to ArcGIS Enterprise 11.3, the City requires automated backup capabilities for both its ArcGIS Online and ArcGIS Enterprise environments, emergency GIS support services, and technical guidance for the upgrade roadmap.

Canopy Mapping Company Incorporated, based in St. Petersburg, Florida, is the developer and exclusive owner of two proprietary tools — Backups for ArcGIS Online and ArcGIS Enterprise backup automation code — that are already deployed within the City's GIS infrastructure. These tools perform item-level, dependency-aware backups across both platforms and are designed to operate as a single coordinated recovery system. No commercially available product currently provides equivalent unified backup and recovery functionality for both platforms.

Staff is recommending approval of a single-source agreement with Canopy Mapping Company Incorporated for continued GIS backup services and emergency support at a rate of \$85 per hour, not to exceed \$150,000 annually without prior written approval. This rate is substantially below prevailing market rates for comparable GIS and IT consulting services, which range from \$125 to \$300 per hour. The one-year term includes optional annual renewals, with the City retaining the right to pursue competitive procurement in future years should equivalent solutions become available in the marketplace.

In addition to ongoing GIS work, the Beautification and Streets and Utilities divisions/departments have identified projects that require support from Canopy Mapping Co. The additional funding will allow these departments to utilize Canopy Mapping Co. for active initiatives and workload demands. Canopy Mapping Co. is also providing supplemental operational coverage while the City continues efforts to recruit and fill vacant technical positions, ensuring continuity of services and timely completion of tasks.

This contract was procured under the single-source procurement exemption through Consultant and Professional Services of the City's Procurement Policy. This exemption allows the City to engage professionals or consultants who require specialized training, certifications, or expertise, such as management consulting or technical services, without competitive bidding when the City Manager or designee determines that it is in the City's best interest. Qualifications, work history, and other relevant data were reviewed before entering into this agreement.

How will this affect city programs or services? Approval will ensure continued progress on GIS-related projects, support field operations across multiple departments, and maintain service levels during ongoing staffing shortages. It will enhance efficiency, prevent project delays, and allow the City to complete essential mapping, data, and infrastructure support work without interruption.

Account Line Item and Description: Account 001-1510-513-46-91 ITS/GIS
Account 401-2821-536-49-17 Utilities
Account 001-2512-541-49-17 Beautification and Streets

Fiscal Impact: The total fiscal impact will not exceed \$150,000.00 allocated across the listed departmental accounts. Funding supports both existing and future project needs requiring contracted GIS services. The vendor charges \$85/per hour, which is a very competitive price for the type of work that is being completed.

Attachments:

[R26-084 Agenda_Item__4567-2026_Resolution_for_Canopy_Mapping_agmt.docx](#)
[Exhibit A to Resolution - Consulting Agreement - Canopy Mapping Company Inc..pdf](#)
[Professional Services - Canopy Single Source Letter.pdf](#)
[Canopy Statement of Work.pdf](#)
[Canopy Mapping Company Scope.pdf](#)
[COI Waiver for Canopy - Signed.pdf](#)
[RE_ Canopy COI for Approval.pdf](#)