

**CITY OF MIRAMAR  
PROPOSED CITY COMMISSION AGENDA ITEM**

**Meeting Date:** July 9, 2025

**Presenter's Name and Title:** Ronnie Navarro, PE, Assistant Director of Utilities

**Prepared By:** Yao Yan, PhD, GIS Manager

**Temp. Reso. Number:** 8449

**Item Description:** Temp. Reso. #R8449 APPROVING AN ARCGIS ENTERPRISE UPGRADE AND ARCGIS MANAGED SERVICES WITH NV5 GEOSPATIAL, INC. IN AN AMOUNT NOT-TO-EXCEED \$120,517.50, WAIVING THE COMPETITIVE BIDDING REQUIREMENTS IN ACCORDANCE WITH CITY CODE SECTION 2-413 (4 AND 11C). (Utilities Assistant Director Ronnie Navarro, PE and Procurement Director Alicia Ayum).

Consent ☒ Resolution ☐ Ordinance ☐ Quasi-Judicial ☐ Public Hearing ☐

**Instructions for the Office of the City Clerk:** N/A

**Public Notice** – As required by the Sec. \_\_\_\_ of the City Code and/or Sec. \_\_\_\_, Florida Statutes, public notice for this item was provided as follows: on \_\_\_\_\_ in a \_\_\_\_\_ ad in the \_\_\_\_\_; by the posting the property on \_\_\_\_\_ and/or by sending mailed notice to property owners within \_\_\_\_ feet of the property on \_\_\_\_\_  
(fill in all that apply)

**Special Voting Requirement** – As required by Sec. \_\_\_\_\_, of the City Code and/or Sec. \_\_\_\_\_, Florida Statutes, approval of this item requires a \_\_\_\_\_ (unanimous, 4/5ths etc.) vote by the City Commission.

**Fiscal Impact:** Yes ☒ No ☐

**REMARKS:** Funding of \$74,000 is available from Building, Planning and Zoning Department, 001-41-404-5241-000-606471 and \$46,600 is available from Utilities Department, 410-55-100-536-000-603425


**Content:**

- **Agenda Item Memo from the City Manager to City Commission**
- **Resolution TR8449**
- **Exhibit(s)**
  - **Exhibit A:** NV5 Quote for ArcGIS Enterprise Upgrade - \$74,000.00
  - **Exhibit B:** NV5 Quote for ArcGIS Managed Services - \$46,517.50
- **Attachment(s)**
  - **Attachment 1:** Sole Source Justification for NV5



**CITY OF MIRAMAR  
INTEROFFICE MEMORANDUM**

**TO:** Mayor, Vice Mayor, & City Commissioners

**FROM:** Dr. Roy L. Virgin, City Manager 

**BY:** Francois Domond, PE, Director of Utilities

**DATE:** July 2, 2025

**RE:** Temp. Reso. No. 8449 ArcGIS Enterprise Upgrade and ArcGIS Managed Services with NV5 Geospatial, Inc.

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**RECOMMENDATION:** The City Manager recommends approval of Temporary Resolution No. 8449, authorizing the City to enter into an agreement with NV5 Geospatial Inc. ("NV5") for the provision of ArcGIS Enterprise Upgrade and ArcGIS Managed Services, in an amount not to exceed \$120,517.50. The agreement includes a waiver of competitive bidding requirements pursuant to City Code Section 2-413(4) and 11c, which pertains to sole source procurement and the renewal of software licenses and maintenance services, respectively.

**ISSUE:** City Commission approval is required for the approval of purchases exceeding the \$75,000 limit and waiving the competitive bidding requirements in accordance with City Code Section 2-413 (4 and 11c).

**BACKGROUND:** On July 8, 2020, the City Commission adopted Resolution No. 7209, approving a three-year Enterprise Agreement with Environmental Systems Research Institute, Inc. (ESRI). Subsequently, on June 12, 2023, the Commission approved Resolution No. 7900, renewing the ESRI Enterprise Agreement for another three-year term, ending July 2026.

The City's enterprise GIS server, implemented in 2020, currently operates on version 10.8.1, which now requires an upgrade to the latest version to provide enhanced capabilities and functionality. NV5 Geospatial Inc., an Esri Platinum Partner, holds specialized certifications in cloud-based ArcGIS implementations and utility network deployments, positioning them as the most qualified vendor to perform this work.

**DISCUSSION:** For over five years, the ESRI ArcGIS Enterprise Server has served as the City's geospatial platform, enabling staff to efficiently capture, manage, analyze, and share location-based data. The software supports GIS-centric workflows and enhances the City's capacity to pursue broader Smart City initiatives, such as:

- Open data and public information accessibility
- Location-based analytics
- Data-driven decision-making
- Seamless system integrations
- Real-time reporting and visualization
- Smart metering and infrastructure optimization

As a result of its investment in such technologies, the City of Miramar was recognized with a 2021 Smart 50 Award for its Advanced Metering Infrastructure (AMI) Project.

**ANALYSIS:** NV5 Geospatial Inc. possesses in-depth familiarity with the City's ESRI environment, having provided technical support and managed services since 2020. Their institutional knowledge and subject-matter expertise are crucial to ensuring the successful execution of the ArcGIS upgrade, as well as the continued reliability of the City's GIS-managed services, emergency fixes, and other mission-critical operations.

Funding of \$74,000 is available from Building, Planning and Zoning Department, 001-41-404-5241-000-606471 and \$46,600 is available from Utilities Department, 410-55-100-536-000-603425

Temp. Reso. No. 8449

5/27/25

6/25/25

**CITY OF MIRAMAR  
MIRAMAR, FLORIDA**

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF MIRAMAR, FLORIDA, APPROVING AN ARCGIS ENTERPRISE UPGRADE AND ARCGIS MANAGED SERVICES WITH NV5 GEOSPATIAL, INC. IN AN AMOUNT NOT-TO-EXCEED \$120,517.50, WAIVING THE COMPETITIVE BIDDING REQUIREMENTS IN ACCORDANCE WITH CITY CODE SECTION 2-413 (4) AND 11C); AND PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, on July 8, 2020, the City Commission adopted Resolution No. 20-151, approving a three-year Enterprise Agreement with Environmental Systems Research Institute, Inc. (“ESRI”), for the implementation of enterprise-level Geographic Information System (“GIS”) services; and

**WHEREAS**, in June 12, 2023, the City Commission approved Resolution No. 23-121, renewing the City’s ESRI Enterprise Agreement for an additional three-year term, ending July 2026; and

**WHEREAS**, the City's enterprise GIS server, implemented in 2020, currently operates on version 10.8.1 and requires an upgrade to the most recent version to enhance functionality and better alignment with the City’s technological and operational goals; and

**WHEREAS**, NV5 Geospatial, Inc. (“NV5”) is an ESRI Platinum Partner with specialized certifications in cloud-based ArcGIS implementations and utility network deployments, and has supported the City’s ESRI environment since 2020; and

Reso. No. \_\_\_\_\_

**WHEREAS**, NV5's institutional knowledge of the City's ESRI system is critical to the successful execution of the ArcGIS Enterprise upgrade and the continued provision of Managed Services, including emergency technical support and urgent fixes; and

**WHEREAS**, Section 2-413(4) of the City Code of Ordinances permits the waiver of competitive bidding when services are available only from a sole source vendor; and

**WHEREAS**, Section 2-413(11c) of the City Code authorizes the procurement of software licenses, maintenance, and licensing agreements supporting the continued use of proprietary software applications without competitive bidding; and

**WHEREAS**, the City Manager recommends approval of the proposed agreement; and

**WHEREAS**, the City Commission finds it in the best interest of the citizens and residents of the City of Miramar to enter into agreements for the ArcGIS Enterprise Upgrade and ArcGIS Managed Services, as set forth in Exhibits "A" and "B," respectively in an amount not to exceed \$120,517.50;

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF  
MIRAMAR, FLORIDA AS FOLLOWS:**

**Section 1:** That the foregoing “**WHEREAS**” clauses are ratified and confirmed as being true and correct and are made a specific part of this Resolution.

**Section 2:** The City Commission hereby approves the ArcGIS Enterprise Upgrade and ArcGIS Managed Services Contracts with NV5 Geospatial, Inc., in the forms attached hereto as Exhibits “A” and “B,” respectively in an amount not to exceed \$120,517.50.

**Section 3:** The City Commission authorizes the City Manager to execute the ArcGIS Enterprise Upgrade and ArcGIS Managed Services Contracts with NV5, in the form attached hereto as Exhibits “A” and “B,” respectively subject to approval as to form and legal sufficiency by the City Attorney.

**Section 4:** The appropriate City officials are authorized to do all things necessary and expedient to carry out the aims of this Resolution.

**Section 5:** That this Resolution shall take effect immediately upon adoption.

Temp. Reso. No. 8449

5/27/25

6/25/25

**PASSED AND ADOPTED** this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Mayor, Wayne M. Messam

\_\_\_\_\_  
Vice Mayor, Yvette Colbourne

ATTEST:

\_\_\_\_\_  
City Clerk, Denise A. Gibbs

I HEREBY CERTIFY that I have approved  
this RESOLUTION as to form:

\_\_\_\_\_  
City Attorney,  
Austin Pamies Norris Weeks Powell, PLLC

**Requested by Administration**

Commissioner Maxwell B. Chambers

Commissioner Avril Cherasard

Vice Mayor Yvette Colbourne

Commissioner Carson Edwards

Mayor Wayne M. Messam

**Voted**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



June 23, 2025

Yao Yan  
Manager  
City of Miramar, FL  
2300 Civic Center Place  
Miramar, Florida 33025

Dear Yao,

Thank you for your interest in the ArcGIS Enterprise Upgrade project offered by NV5 Geospatial, Inc. (NV5). We have provided a summary and pricing breakdown to supplement our proposal.

NV5 will utilize an established budget of \$74,000 as authorized by City of Miramar, FL and leveraging the rates associated with the designated budgetary range as indicated below (*Note: hours purchased are valid for 12-months from award*). This equates to roughly 360 hours of support.

Prepaid Budget	Hourly Rate	Hours
\$25,000 to \$34,999	\$217.00	115.0 to 161.0
\$35,000 to \$59,999	\$211.50	165.5 to 283.5
\$60,00+	\$205.50	292.0+

Thank you again for your interest. We look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tomas Garcia'.

Tomas Garcia  
Account Executive  
NV5 Geospatial, Inc.  
10033 MLK Street N, Suite 200 | St. Petersburg, FL 33716  
p: (205) 725-5509 | c: (562) 458-6403 | e: [tommy.garcia@geospatial.nv5.com](mailto:tommy.garcia@geospatial.nv5.com)



5/21/2025

Yao Yan  
GIS Manager  
City of Miramar  
2300 Civic Center Place  
Miramar, Florida 33025  
[yyan@miramarfl.gov](mailto:yyan@miramarfl.gov)  
954.833.5310

**RE: ArcGIS Managed Services**

Dear Yao,

NV5 Geospatial, LLC (NV5) is pleased to submit our proposal for the ArcGIS Managed Services and GIS Support project. For over 31 years, NV5's core business has been location technology. We are the largest singular provider of end-to-end geospatial services and solutions in the U.S. serving the communities in which we live.

**Cloud Managed Services Includes:**

- **Monthly System Checks**
- **Monthly Reporting**
- **Monthly System Maintenance**
- **Email Support**
- **ESRI ArcGIS Enterprise Patches and Security Patches**
- **Cloud Provider Required Updates (Yearly)**

MANAGED SERVICES PACKAGE	Type	Invoice	Year-1
<b>Geospatial Managed Services</b>	Firm-Fixed	Equal Invoice	\$41,500
<b>GIS Ad Hoc Support – 22.5 Hours</b>	Pre-Paid	One Time	\$5,017.50
<b>Total:</b>			<b>\$46,517.50</b>

Please contact me if you would like additional information. We look forward to your favorable review of our proposal and to working together for the successful accomplishment of this project.

Sincerely,



**Tommy Garcia** | Account Executive | [NV5](#)

P: 562.458.6403 | Email: [tommy.garcia@nv5.com](mailto:tommy.garcia@nv5.com)

## Attachment 1 - Sole Source Justification for NV5

**City of Miramar**  
**☒ SOURCE/PRODUCT STANDARDIZATION JUSTIFICATION FORM**

Requisition No.:	Department: Utilities
Recommended Vendor(s), if any <i>NV5 Geospatial, Inc.</i>	Date: 1/21/2025
	Estimated Cost: \$74,000
Estimated Hours for Consulting Engagement: 360	Contact Person:
<input type="checkbox"/> Ongoing Purchase	<input checked="" type="checkbox"/> New Purchase
If an Ongoing/Replacement Purchase what was the prior year expenditure \$ ____0____	
<p>Does this purchase request represent an increase or a decrease in utilization or price? (Please explain in detail)</p> <p>Yes, this purchase request represents an increase in utilization of the GIS Enterprise Server with new functions available in the new version.</p>	

**SECTION I**

Completion of this form is required in advance of all Sole Source/Bid Waiver purchases (procurements) in excess of \$2,500 from Miramar resident vendors or \$1000 from all other vendors.

**Check one of the following that best describes the proposed procurement:**

- ☒ Only one source (supplier) exists for the required product/service ("sole source").
- ☐ Product Standardization
- ☐ Other reason deemed to be in the best interests of the City (Commission Approval Required)

<p>1. In 'layman's terms', describe the required product or service that is being procured and the purpose or function. (Minimum 3 sentences required.)</p> <p>The enterprise GIS Server is the backbone of the city-wide GIS system, and it provide vital support on mapping, and spatial analysis and applications for city-wide businesses and customer services. Newer versions of the enterprise GIS Server provide more advanced techniques, functions and productivities to support our business objectives, and maximize the value of the GIS system.</p> <ul style="list-style-type: none"> <li>• Enterprise upgrade to 10.9.1</li> <li>• Enterprise upgrade to 11.3</li> <li>• Migration Support</li> </ul>	<p>2. If the particular product or service was not available or could not be procured, how would the department proceed with its work? (Minimum 3 sentences required.)</p> <p>There would have relatively low GIS capabilities with the current GIS Server and could not meet the needs of the City and stakeholders. Without this contract, we will not be able to operate at the standard level as a city-wide GIS system.</p> <p><b>Complete for Sole Source and Product Standardization</b></p>
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## City of Miramar SOLE SOURCE/PRODUCT STANDARDIZATION JUSTIFICATION FORM

### Sole Source

3a. Explain why **the product/service** is the only product/service that can satisfy your requirements and explain why alternatives are unacceptable. Be specific with regard to unique specification, unique features, characteristics, requirements, capabilities and compatibility. Describe what steps have been undertaken to make this decision. (Minimum 4 sentences required.)

ESRI, as owner and manufacturer, is the sole-source provider of all U.S. domestic Small Municipal and County Government Enterprise Agreements (EA). ESRI is the leading and industry standard software for Geographic Information Systems. There are no alternative sources of ArcGIS Enterprise software. ArcGIS Enterprise is a full-featured mapping and analytics platform. It includes a powerful GIS web services server plus dedicated Web GIS infrastructure for organizing and sharing your work in order to make maps, geographic information, and analyses available on any device, anywhere, at any time.

**Complete for Sole Source**

3b. Explain why this **vendor** is the only practicable available source which to obtain this product or service and describe the efforts that were made to verify and confirm whether, or not, this is so. (Obtain and include a letter from the manufacturer confirming claims made by distributor of exclusive distributorships for the product or service, if, that is cited as a reason for this request.) (Minimum 4 sentences required.)

*NV5 provides ongoing Geospatial Cloud Managed Services to Miramar and provides support for urgent fixes and ad hoc GIS requests. Three NV5 team members have active CJIS security clearance to access the GIS system. Planning for this project started during previous projects with NV5.*

**Complete for Sole Source**

### Product Standardization

4. Explain why the product/service requested can best satisfy your requirements and explain why a waiver of competitive bidding is in the best interest of the City. Be specific with regard to unique specification, unique features, characteristics, requirements capabilities and compatibility. Describe what steps have been undertaken to make this decision. (Minimum 3 sentences required.)

*NV5 has been a trusted partner of Miramar since 2019, providing critical support for system reviews, Cloud Managed Services, urgent fixes, and other technical needs. Over the years, NV5 has developed an in-depth understanding of Miramar's architecture, ensuring seamless and efficient system enhancements.*

*Given NV5's extensive historical knowledge of Miramar's environments, they are uniquely positioned to execute necessary upgrades with minimal disruption. Engaging a new vendor would require significant ramp-up time to understand the existing architecture, leading to inefficiencies and increased costs.*

*Additionally, NV5 is a **Platinum-level partner with Esri**, the software provider for Miramar's systems. This premier partnership strengthens NV5's ability to provide expert-level support, direct access to Esri resources, and industry-best practices for optimizing Miramar's GIS solutions.*

### Sole Source and Product Standardization

5. Provide a description of the market survey conducted and the results, or a statement of the reasons a market survey was not conducted. (Minimum 4 sentences required.)

We have contacted other vendors since last year and the current estimated cost of this kind of services is at the market level or lower than the market.

# **City of Miramar** **SOLE SOURCE/PRODUCT STANDARDIZATION JUSTIFICATION FORM**

7. Will this purchase obligate the City to a particular vendor/provider for future purchases? (Either in terms of maintenance that only this vendor will be able to perform and/or if we purchase this item. Will the City need more "like" items or services in the future to match this one?)

*This does not obligate the City to NV5 for future purchases.*

**Complete for Sole Source and Product Standardization**

6. Explain why the price for this product or service is considered to be fair and reasonable.

NV5's familiarity with Miramar's infrastructure allows for accurate estimation, minimizing overhead costs and ensuring cost-effective execution. Existing knowledge of the system reduces the time required for troubleshooting, configuration, and implementation, leading to lower overall costs. NV5's pricing structure aligns with industry standards for **Esri Platinum Partners** providing specialized GIS and enterprise system upgrades. Over multiple engagements, NV5 has demonstrated the ability to deliver high-quality services at a reasonable cost, ensuring continued system stability and performance.

**Complete and Product Standardization for Sole Source**

8. Describe the negotiations efforts, if any that have been made with the vendor/provider to obtain the best possible price.

*NV5 is proposing a prepaid, time and materials support block with an established budget of \$74,000 as authorized by City of Miramar, FL and leveraging the rates associated with the designated budgetary range as indicated below (Note: hours purchased are valid for 12-months from award).*

Prepaid Budget	Hourly Rate	Hours
\$25,000 to \$34,999	\$217.00	115.0 to 161.0
\$35,000 to \$59,999	\$211.50	165.5 to 283.5
\$60,00+	\$205.50	292.0+

**Complete for Sole Source and Product Standardization**

**City of Miramar**  
**SOLE SOURCE/PRODUCT STANDARDIZATION JUSTIFICATION FORM**

9. Describe the actions the department will take, if feasible, to overcome the present barriers to competition prior to any future procurement of this product or service.

If this vendor is not a sole source provider at the time of contract for future upgrade, a market study will be conducted. Ongoing efforts will be made to assess alternative solutions.

***Complete for Sole Source and Product Standardization***

**PLEASE ALSO ATTACH ADDITIONAL SHEETS OR INFORMATION AS NEEDED**

Name of the person who prepared this request and justification:

Name: Yao Yan Position: GIS Manager

Department: Utilities

DocuSigned by:

*Yao Yan*

6332B74EF52B4D7...

Date: 2/24/2025

I hereby certify that the above request and Justification is accurate and complete to the best of my knowledge and belief.

Francois Domond

DocuSigned by:

*Francois Domond*

2/24/2025

Department Director (Print Name)

Signature

Date

For Procurement Department Use Only

This approval is effective for 9.30.2025 days

A good faith review of available sources has been conducted by:

☐ User Department ☐ Procurement Department ☐ Standards Committee

I concur that this contract is not suitable for competitive bids or proposals

*[Signature]*  
Chief Procurement Officer

4-7-25  
Date

Yao Yan  
City of Miramar, FL  
2300 Civic Center Place  
Miramar, Florida 33025

**Subject: Justification for Esri & Managed Services**

Dear Yao,

We are writing to inform the City of NV5's unique expertise and qualifications for Esri and GIS Cloud Managed Services.

- **Unique Capabilities:** NV5 is a Platinum Partner of Esri with unique capabilities, certifications and specialties, recognizing expertise in various areas. Here are some of the key specialties:
  - **Esri State and Local Government Specialty:** This specialty is awarded to partners that specialize in and have a substantial record of success with developing and configuring ready-to-use solutions for local and state government clients
  - **ArcGIS Cloud Services:** This specialty focuses on providing flexible and agile cloud environments and hybrid environments for business continuity and resiliency
  - **ArcGIS System Ready:** Awarded to partners that adopt the latest Esri technology, migrate offerings in a repeatable practice, and have a well-trained staff to support the latest Esri software releases
  - **ArcGIS Network Management Extension:** This is a GIS-based network management tool for utilities, providing more functionality, added flexibility, and advanced access to data. NV5 is the first Esri partner to receive the UN partner specialty designation for water utilities
  - **ArcGIS Indoors:** An indoor mapping system connecting workspaces with employees and visitors
  - **ArcGIS HUB:** A community engagement platform that organizes people, data, and tools through information-driven initiatives
- **Specialized Knowledge:** NV5 has specialized knowledge and expertise in the City of Miramar's Esri environment, having worked with the City since 2019, which is critical for the successful completion of Esri upgrades, the City's Managed Services, urgent fixes, and other technical needs.

These specialties highlight the diverse capabilities and expertise that NV5 brings to various the City of Miramar.

Sincerely,



Tomas Garcia  
Account Executive, NV5 Geospatial, Inc.  
10033 MLK Street N, Suite 200 | St. Petersburg, FL 33716  
p: (205) 725-5509 | c: (562) 458-6403 | e: tommy.garcia@nv5.com