



Office of the City Manager

CONSENT CALENDAR  
July 12, 2022

To: Honorable Mayor and Members of the City Council  
From: Dee Williams-Ridley, City Manager  
Submitted by: Michael Sinor, Director, Information Technology  
Subject: Contract No. 31900045-3 Amendment: Vestra Resources, Inc. for Additional Geographic Information System (GIS) Projects

RECOMMENDATION

Adopt a Resolution authorizing the City Manager to amend Contract No. 31900045-3 with Vestra Resources, Inc. for Geographic Information System (GIS) professional services, for a total not to exceed \$28,679.19 and for a total contract value of \$64,990.19 from September 15, 2018 to June 30, 2024.

FISCAL IMPACTS OF RECOMMENDATION

Ongoing funding for this Vendor in the amount of, \$28,679.19 will be available in the Department of Information Technology’s FY23 IT Cost Allocation Fund.

\$28,679.19	FY 2023: 680-35-377-6002-000-472-612990 (IT Cost Allocation, GIS, IT Professional Services)
<b>\$28,679.19</b>	<b>Total FY 2023 Professional Services</b>

CURRENT SITUATION AND ITS EFFECTS

The GIS Master Plan development and planning process was a citywide effort involving key staff representing multiple departments. Vestra has provided reliable consulting services and development work and has proven to be a strong partner in GIS development. We have a project coming up that will upgrade our GIS software and replace our GIS Portal user interface that will be no longer in service.

The projects planned for FY 2023 include setting up a GeoEvent server and upgrading the City’s GIS database and interfaces.

The GeoEvent server will allow us to process “real-time” data, that is data as it is being recorded. This can be useful in Police analytics and transparency and for other work such as traffic analytics.

The upgrade project keeps us in compliance with updates to ESRI software and GIS data and is needed to set up the GeoEvent service.

### BACKGROUND

On December 3, 2018 the City of Berkeley executed a contract with Vestra Resources for \$23,824.00 for GIS database and application work related to a GIS upgrade, and adding to the database architecture and schema. That contract expired June 30, 2020. This would bring the total value of Vestra work for the City of Berkeley to. \$64,990.19 from September 15, 2018 to June 30, 2024.

GIS development and maintenance is an ongoing effort. We use GIS tools in many ways in the city, from sewer mapping to park information and parcel information made available through a portal on the City Web Site. Vestra support on the database side ensures that we can provide current data for the changing needs of City of Berkeley.

### ENVIRONMENTAL SUSTAINABILITY AND CLIMATE IMPACTS

These projects will move the City forward in attaining its goals of becoming a viable environmentally sustainable city. While the main project is to provide up to date detailed information on parcels, parks, crime and other data in the City for staff and residents, there are additional benefits to be realized. Information collected coupled with existing data gives the city, staff and community the information to collaborate and improve services.

### RATIONALE FOR RECOMMENDATION

Vestra is well versed in the setting up and maintaining GIS data. They are also very familiar with the City's GIS architecture and data. GIS technologies are powerful tools for improving the quality, accuracy, efficiency, and responsiveness of government services provided by the City of Berkeley. An Enterprise GIS guides a citywide approach to GIS, focused on:

- Using mutually accepted standards, policies, and business practices;
- Encouraging collaborative GIS efforts among City, government, and related organizations;
- Integrating GIS technologies into City business operations;
- Supporting emergency and disaster planning, response, and recovery; and
- Maximizing the cost-effectiveness of GIS investments.

The Enterprise GIS Program, established in 2008, provides central shared resources to support these goals. The program currently includes the following GIS services: Data Services, Online Mapping Services, Applications, Software License Management, and Training and Support.

ALTERNATIVE ACTIONS CONSIDERED

Staff considered planning and executing these projects without Vestra or other consulting services. However, the City has limited resources to plan and execute the projects needed for FY23.

CONTACT PERSON

Michael Sinor, Director, Information Technology, 510-981-6541

Attachments:

1: Resolution

RESOLUTION NO. ##,###-N.S.

CONTRACT NO. 31900045-3 AMENDMENT:  
VESTRA RESOURCES, INC. FOR ADDITIONAL GIS PROJECTS

WHEREAS, on December 3, 2018, the original contract was signed to develop a GIS Architecture Design and Upgrade; and

WHEREAS, on August 28, 2019, the original contract was amended to include additional tasks upgrade the GIS environment; and

WHEREAS, on January 13, 2020 the contract was amended to provide on-call support for FY21; and

WHEREAS, on June 2, 2021, the contract was amended to provide on-call support for FY22; and

WHEREAS, the contract needs to be amended for two projects and for on-call support for FY23 and FY24; and

WHEREAS, funding for this project in the amount of \$28,679.19 is available in the Department of Information Technology's Fiscal Year FY 2022 Cost Allocation fund.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager is authorized to execute a contract amendment with Vestra Resources, Inc., for a total not to exceed \$28,679.19, and for a total contract value of \$64,990.19 from September 15, 2018 to June 30, 2024.