



Environmental Protection and Growth Management Department
PLANNING & ENVIRONMENTAL REGULATION DIVISION, GIS
115 S. Andrews Avenue, Room 329K • Fort Lauderdale, Florida 33301 • 954-357-6634 • FAX 954-357-8655

DATE: August 29, 2012
TO: Brenda J. Billingsley, Director,
Purchasing Division
THRU: Henry Sniezek, Director 
Planning and Environmental Regulation Division
FROM: Victoria Morrow, Broward County GIS Manager 
Planning and Environmental Regulation Division
RE: SOLE SOURCE REQUEST TO NEGOTIATE
(Check the applicable box)
[GIS Enterprise License Agreement Negotiations]
(The following paragraphs may be deleted if requesting Sole Brand only.)

I have reviewed the following sole source justification and concur with subject request, fully understanding the implications of Section 838.22 of the Florida Statutes:

(2) "It is unlawful for a public servant, with corrupt intent to obtain a benefit for any person or to cause unlawful harm to another, to circumvent a competitive bidding process required by law or rule by using a sole source contract for commodities or services."

(5) "Any person who violates this section commits a felony of the second degree, punishable as provided in s. 775.082, s. 775.083, or s. 775.084."

This is the justification for the sole source request to authorize negotiations for an Enterprise License Agreement for software, maintenance and support for the ArcGIS Suite of Geographic Information Systems software from Environmental Services Research Institute (ESRI). The ArcGIS software is the defacto County standard for GIS software, as well as a state, federal, and international standard for GIS software.

The software was originally obtained by the Planning Department through a Federal grant to create a Pavement Management System, completed in the mid-1980s when GIS was in its infancy worldwide. ESRI is now approaching 456,000 customer numbers and Broward County's customer number is 127. In the late 1980s, shortly after Planning completed the Pavement Management System, the Environmental Protection Department (then named the Environmental Quality Control Board) purchased a set of licenses to monitor environmental protection of the County's natural resources. In the late 1990s, Water and Wastewater Services (then the Office of Environmental Services) obtained its licenses to model and document the water and waste water system supported by the County and to inventory the storm water management system. In 1997, the Environmental Protection and Planning departments merged and the Broward County GIS was

established in the Comprehensive and Neighborhood Planning Division. At that time, all the County's licenses under different customer numbers were consolidated under the 127 number except for WWS, which still operates under a separate customer number. Today this suite of software products is critical to the daily business operations of many county agencies which use it to model, analyze and depict the locations of critical infrastructure used in various business applications and to deploy the results on the web for easy access for non-technical personnel and the public. Maintaining support for this software is crucial to ensure rapid response to critical issues that may arise and ensure the application availability is maximized. Standardizing this suite of products for Broward County would simplify acquisition of additional licenses and would pave the way in the future for acquiring an Enterprise license to meet growing demands for spatial technologies within the County.

This software drives the entire GIS infrastructure throughout the county, including desktop licenses, web services, maps and applications, as well as the mapping interfaces for POSSE (the front desk permitting application for development and environment reviews), for BCAD's FAA-mandated GIS Initiative, SOE's countywide Elections, WWS's integration of GIS into its facility management software, and Emergency Management's WebEOC. This software was also used in the analysis of Sea Level Rise for the Broward County Climate Change Task Force and the Four County Climate Change Compact, and the FEMA DFirm maps.

The initial procurement procedure is unknown, as is the initial investment because no records of these items were kept and the persons involved are no longer with the County. There is also no definitive record of how much has been invested. As mentioned previously, some of the licenses were purchased by individual departments and divisions who passed those licenses to the GIS unit. We employ floating licenses for the desktops throughout the County because it gives us a 3 to 1 ratio of users to licenses. The extensions are specialized analysis tools that are available to all desktop users as needed through the user interface. The server side software drives the web and enterprise spatial database applications.

This software is different from other software in that a geographic information system (GIS) integrates hardware, software, and data for capturing, managing, analyzing, and displaying all forms of geographically referenced information. It allows us to view, understand, question, interpret, and visualize data in many ways that reveal relationships, patterns, and trends in the form of maps, globes, reports, and charts. While there are niche GIS software products available, there is no similar software that meets the scope, depth and breadth of the implementation of this software at the county. No other geographic information systems software is able to integrate all the infrastructure, desktop, database and web components as this one does. Nor do the others offer the complete seamless solution we get with this software. Given the degree that the software has now been integrated into county operations, the cost to switch to different software, even were that possible, would be almost impossible to calculate.

One additional important note: All GIS licenses are perpetual, i.e. we own them forever. The only additional costs are for maintenance which covers technology updates and trouble-shooting maintenance. The Sole Source acquisition of the maintenance for 2012 has been approved and implemented.

**** DO NOT WRITE BELOW THIS LINE. FOR PURCHASING DIVISION USE ONLY**

I Leahann Licata Leahann Jo Licata Digitally signed by Leahann Jo Licata
DN: cn=Leahann Jo Licata,
o=Broward County Commission,
ou=Purchasing Agent III, Supervisor,
email=licata@broward.org, c=US
Date: 2013.02.11 09:03:28 -0500, concur with the above request, which has been examined by me, and the required due diligence has been performed (See Procurement Code Section 21.34 Sole Source Procurement, and 21.35 Sole Brand Procurement).

Date: 02/11/2013 Only one source Sole Brand
 Only one reasonable source RFI Attached
Estimated Amount: \$ \$159,050/Year Rejected – See additional information

Additional Information: Memorandum received in Central Purchasing on 01/31/2013.

EXHIBITS: (Attach Supporting Documentation)

Signature: KAREN WALBRIDGE Digitally signed by KAREN WALBRIDGE
DN: dc=cy, dc=broward, dc=bc,
ou=Organization, ou=BCC, ou=PU,
ou=Users, cn=KAREN WALBRIDGE
Date: 2013.02.20 08:30:54 -0500
Approved by the appropriate Award Authority

Title: _____

Date: _____