

23118

DATE: November 18, 2011

TO: Board of Acquisition and Contract

FROM: Marguerite Beirne, Chief Information Officer

John Cullen, Acting Commissioner, Department of Emergency Services

RE: AUTHORIZATION TO ENTER INTO AN AGREEMENT (IT-1211) WITH BOWNE MANAGEMENT SYSTEMS, INC. (BOWNE) FOR SERVICES ASSOCIATED WITH THE UPDATING AND IMPROVEMENT OF DIGITAL STREET CENTERLINE FILES ASSOCIATED WITH THE COUNTY'S EMERGENCY MEDICAL DISPATCH SYSTEM (CAD) IN THE DEPARTMENT OF EMERGENCY SERVICES FOR A PERIOD COMMENCING NOVEMBER 1, 2011 AND TERMINATING OCTOBER 31, 2012 FOR A TOTAL NOT TO EXCEED AMOUNT OF \$69,254

BACKGROUND:

- In recent years GIS mapping and data access applications have advanced significantly within the Department of Emergency Services E911 emergency dispatch mapping system.
- One of the most important components of the County's Fire and Emergency Medical Dispatch System (CAD) is accurate street information (i.e., spatial accuracy, completeness, address information, etc.) which provides the foundation for dispatching of fire and emergency medical responses for 56 Fire (47 primary and 9 secondary) and 27 EMS (22 primary and 5 secondary) agencies.
- The street center line file which is currently used in the Fire and Emergency Medical Dispatch System (CAD) has not been updated since the system was implemented in January 2001. Since then, there have been significant updates relative to the completeness and overall spatial accuracy of the street centerline file the County obtains from its' database vendor which need to be incorporated into the current CAD System. In the process of integrating a new street centerline file into the CAD System, fire district boundaries, unique addresses, landmark edits, and other relevant information (which was coded to the original street centerline file) will also need to be transferred.
- With monies available through the New York State Office of Homeland Security FY09 State Homeland Security Program, staff from the Departments of Emergency Services and Information Technology designed a project plan, based on contracted services (grant fund requirement), which would be the basis for the replacement and upgrade of the street centerline file in the County's CAD System used by the Department of Emergency Services.
- The Department of Information Technology, in collaboration with the Department of Emergency Services, issued a *Request for Proposals (RFP) for Street Centerline Conflation and Database Development* on July 11, 2011, which was posted on the County website on that date. Written proposals were due back to the County on August 1, 2011.

- A total of four (4) written proposals with cost estimates were received by the County. A review committee composed of staff from Departments of Information Technology and Emergency Services reviewed all proposals. Based on their response to the RFP, technical approach and capabilities, local presence, and cost-effective pricing, and a final interview/presentation, Bowne Management Systems, Inc. was selected to perform the work. A listing of companies responding to the RFP and associated pricing are as follows:

Firm	Quote
Bowne Management Systems, Inc.	\$69,254
Downtown Design Services, Inc.	n/a
GeoComm	up to \$78,735
Smart Data Strategies (SDS)	\$152,750

- Products and services to be provided through this proposed contract will include pilot project, project management, spatial data conflation, data compilation, technical assistance and programming with County resources, and spatial data delivery to the County.
- In order to assure that the updated map will be fully functional within the CAD System map analysis services will be required from Intergraph Corporation, the County's current Fire and Emergency Medical Dispatch System vendor. Intergraph Corporation is the sole source developer/provider of these services and a separate agreement will be negotiated with Intergraph for those services.
- Therefore, we now come before your Honorable Board requesting authorization to enter into an agreement with Bowne Management Systems, Inc. for services associated with the updating and improvement of digital street centerline files in the County's Emergency Medical Dispatch System in the Department of Emergency Services and related services, for a total not to exceed amount of \$69,254.

ACTION REQUESTED:

- Authorization to enter into an agreement (IT-1211) with Bowne Management Systems, Inc. (Bowne) at 235 East Jericho Turnpike, Mineola, New York 11280 for services associated with the updating and improvement of digital street centerline files in the County's emergency dispatch mapping system and related services commencing November 1, 2011 and terminating October 31, 2012, for a total not to exceed contract amount of \$69,254, payable monthly pursuant to an approved schedule of deliverables, subject to County appropriations.

A resolution is submitted herewith for your consideration.

RESOLUTION

UPON A COMMUNICATION FROM THE CHIEF INFORMATION OFFICER, DEPARTMENT OF INFORMATION TECHNOLOGY AND THE ACTING COMMISSIONER, DEPARTMENT OF EMERGENCY SERVICES, BE IT HEREBY

RESOLVED, that the County of Westchester is hereby authorized to enter into an agreement (IT-1211) with Bowne Management Systems, Inc., located at 235 East Jericho Turnpike, Mineola, New York 11280 for the updating and improvement of digital street centerline files in the County's Emergency Medical Dispatch System in the Department of Emergency Services and related services, for a total not to exceed amount of \$69,254 payable monthly pursuant to an approved schedule of deliverables; and be it further

RESOLVED, that this Agreement is subject to County appropriations; and be it further

RESOLVED, that the County Executive or his authorized designee is hereby authorized and empowered to execute any and all documents necessary and appropriate to effectuate the purpose hereof.

Contract Number IT-1211
Account to be Charged/Credited:

Year	Fund	Dept	Major Program, Program & Phase Or Unit	Object/ Sub-Object	Trust Account	Dollars
2011	263	20	024J	4380	T-024	\$16,713
2012	263	20	024J	4380	T-024	\$52,541

Budget Funding Year(s): Start Date: November 1, 2011 End Date: October 31, 2012
(must match resolution)

Funding Source Tax Dollars: _____
 State Aid: _____
\$ 69,254 Federal Aid: \$69,254
(must match resolution) Other: _____