

29570

DATE: September 28, 2012

TO: Board of Acquisition and Contract

FROM: John B. McCaffrey, Acting Chief Information Officer
Department of Information Technology

RE: AUTHORIZATION TO ENTER INTO AN AGREEMENT (IT-1292) WITH BOWNE
MANAGEMENT SYSTEMS INC. FOR MULTIPLE INFORMATION TECHNOLOGY
PROFESSIONAL CONSULTING SERVICES FOR A TERM COMMENCING NOVEMBER 1,
2012 AND TERMINATING OCTOBER 31, 2014, FOR A TOTAL AMOUNT NOT TO EXCEED
\$132,000

BACKGROUND:

- On February 22, 2012, the County issued a request for proposals ("RFP") seeking proposals from qualified individuals and companies to provide each of one hundred and twenty-two (122) different information technology professional consultant services.
- In response to the RFP, the County received twenty-one (21) proposals to provide Service Number 74, entitled "Design and develop web applications, web services and GIS desktop applications using ArcGIS Server with Microsoft .Net framework, Microsoft Silverlight, Adobe Flex and JavaScript, Java platform, Web Mapping API, ArcObjects, ArcXML, ArcIMS, Python, ASP, .NET, JSP, XML, AJAX, HTML, CSS , and other GIS open source API, including Google and Microsoft mapping technologies." After a review and evaluation of those proposals, the proposal from Bowne Management Systems Inc. ("Bowne") was selected based upon the criteria specified in the RFP.
- In response to the RFP, the County received twenty (20) proposals to provide Service Number 75, entitled "Upgrade, configure, optimize, administer and monitor ArcSDE Geodatabases with Oracle 10g or 11g Real Application Cluster databases and DataGuard. Design and implement relational geodatabase schema. Familiar with PL/SQL and stored procedures." After a review and evaluation of those proposals, the proposal from Bowne was selected based upon the criteria specified in the RFP.
- In response to the RFP, the County received nineteen (19) proposals to provide Service Number 79, entitled "Support of comprehensive countywide digital spatial data development projects including the mapping of street infrastructure/features, geo-referencing historical maps or historical aerial photos, hardcopy conversion/automation, tax map maintenance, and collection of other features such as building addresses (from existing digital databases and/or field verification) for integration into the central GIS database." After a review and evaluation of those proposals, the proposal from Bowne was selected based upon the criteria specified in the RFP.
- In response to the RFP, the County received twenty-three (23) proposals to provide Service Number 80, entitled "Perform Quality Assurance/Quality Control (QA/QC) services for countywide

data development projects." After a review and evaluation of those proposals, the proposal from Bowne was selected based upon the criteria specified in the RFP.

- In response to the RFP, the County received twenty (20) proposals to provide Service Number 83, entitled "Development and support for ArcGIS 10.x." After a review and evaluation of those proposals, the proposal from Bowne was selected based upon the criteria specified in the RFP.
- We now come before your Honorable Board requesting authorization to enter into an agreement (IT-1292) with Bowne for a term commencing November 1, 2012 and terminating October 31, 2014, for a total amount not to exceed \$132,000, payable monthly at hourly rates not to exceed those specified below, for the provision of the following information technology professional consulting services: 1) Design and develop web applications, web services and GIS desktop applications using ArcGIS Server with Microsoft .Net framework, Microsoft Silverlight, Adobe Flex and JavaScript, Java platform, Web Mapping API, ArcObjects, ArcXML, ArcIMS, Python, ASP, .NET, JSP, XML, AJAX, HTML, CSS , and other GIS open source API, including Google and Microsoft mapping technologies; 2) Upgrade, configure, optimize, administer and monitor ArcSDE Geodatabases with Oracle 10g or 11g Real Application Cluster databases and DataGuard. Design and implement relational geodatabase schema. Familiar with PL/SQL and stored procedures; 3) Support of comprehensive countywide digital spatial data development projects including the mapping of street infrastructure/features, geo-referencing historical maps or historical aerial photos, hardcopy conversion/automation, tax map maintenance, and collection of other features such as building addresses (from existing digital databases and/or field verification) for integration into the central GIS database; 4) Perform Quality Assurance/Quality Control (QA/QC) services for countywide data development projects; 5) Development and support for ArcGIS 10.x.

	SERVICE	1 YEAR EXPERIENCE RATE	3 YEAR EXPERIENCE RATE	5 YEAR EXPERIENCE RATE	1 YEAR EXPERIENCE RATE with certification	3 YEAR EXPERIENCE RATE with certification	5 YEAR EXPERIENCE RATE with certification
74	Design and develop web applications, web services and GIS desktop applications using ArcGIS Server with Microsoft .Net framework, Microsoft Silverlight, Adobe Flex and JavaScript, Java platform, Web Mapping API, ArcObjects, ArcXML, ArcIMS, Python, ASP, .NET, JSP, XML, AJAX, HTML, CSS , and other GIS open source API, including Google and Microsoft mapping technologies	\$ 75.00	\$ 120.00	\$ 160.00	\$ 75.00	\$ 120.00	\$ 160.00
75	Upgrade, configure, optimize, administer and monitor ArcSDE Geodatabases with Oracle 10g or 11g Real Application Cluster databases and DataGuard. Design and implement relational geodatabase schema. Familiar with PL/SQL and stored procedures	\$ 100.00	\$ 131.00	\$ 160.00	\$ 100.00	\$ 131.00	\$ 160.00
79	Support of comprehensive countywide digital spatial data development projects including the mapping of street infrastructure/features, geo-referencing historical maps or historical aerial photos, hardcopy conversion/	\$ 60.00	\$ 75.00	\$ 105.00	\$ 60.00	\$ 75.00	\$ 105.00

	automation, tax map maintenance, and collection of other features such as building addresses (from existing digital databases and/or field verification) for integration into the central GIS database						
80	Perform Quality Assurance/Quality Control (QA/QC) services for countywide data development projects	\$ 60.00	\$ 75.00	\$ 105.00	\$ 60.00	\$ 75.00	\$ 105.00
83	Development and support for ArcGIS 10.x	\$ 75.00	\$ 120.00	\$ 160.00	\$ 75.00	\$ 120.00	\$ 160.00

- The proposed agreement will serve a public purpose by providing the County with the information technology professional consultant services needed for numerous current County projects, as well as future projects that are begun during the term of the agreement. Current County projects for which Bowne will provide services include, but are not limited to, the following:
 1. DEF Manhole Inspection Application Conversion and Upgrade. For several years, DEF has relied on a vendor-supported GIS desktop application (“ASMI”) to manage sewer system features and inspections history. The application needs to be migrated to the new version of the County’s GIS software platform (ArcGIS 10) as well as integrating additional DEF assets into the updated viewer. Bowne will support DoIT to convert the tools to a browser-based application, while maintaining existing functionality and providing expanded access to a wealth of DEF information stored as GIS files, geo-located images and videos.
 2. Project Management and Quality Assurance/Quality Control (QA/QC) Support: 2013 Photogrammetric Basemap Update. The County’s first digital photogrammetric basemap was produced from spring-2000 photography. Updated in 2004, high-resolution planimetric datasets include building footprints, hydrologic features, street centerlines, and other transportation features. All are widely used in County and municipal programs and applications, as well as by the general public. These datasets will be updated from new aerial photography anticipated to be acquired in Spring 2013. DoIT is developing a Request for Proposals (RFP) for the production of new imagery required for the planimetric data update, tentatively scheduled to be released by the end of September. Bowne will assist the County with Project Management (vendor selection and management) and review (QA/QC) of contracted deliverables, including orthophotography and planimetric features, to ensure conformance to technical specifications.
 3. ArcSDE/Oracle and Enterprise Ad-Hoc GIS Support. Bowne will support a wide range of desktop, server, mobile, and web (browser) based applications as part of the County’s enterprise migration to ArcGIS 10. Highly technical support is needed on an ongoing basis to maintain Oracle Real Application Cluster (RAC) hardware configurations and ESRI ArcSDE databases (software) as part of the County’s GIS environment.
- The goal and objective of the proposed agreement is to make available to the County qualified individuals to provide the aforementioned services for the aforementioned County projects, as well provide those services, as necessary, for any future projects that are begun during the term of the agreement.
- The goal and objective of the proposed agreement is in the best interests of the County in terms of fiscal responsibility, as the County will receive the necessary services at a reasonable cost based on the competitive RFP process. For some projects, the services to be provided by Bowne will also save money by implementing or expanding electronic systems that are cheaper to operate than the existing systems, as is the case with the DEF Manhole Inspection Application.

- The goal and objective of the proposed agreement is also in the best interests of the County in terms of public safety, as a number of the projects for which Bowne will provide services (as described above) directly impact public safety.
- The goal and objective of the proposed agreement will be continually tracked and monitored by staff from the Department of Information Technology in order to ensure that the services are being provided.

ACTION REQUESTED:

- Authorization to enter into an agreement (IT-1292) with Bowne Management Systems, Inc., having a place of business located at 235 East Jericho Turnpike, Mineola, NY 11501, for a term commencing November 1, 2012 and terminating October 31, 2014, for a total amount not to exceed \$132,000, payable monthly at hourly rates not to exceed those specified below, for the provision of the following information technology professional consulting services: 1) Design and develop web applications, web services and GIS desktop applications using ArcGIS Server with Microsoft .Net framework, Microsoft Silverlight, Adobe Flex and JavaScript, Java platform, Web Mapping API, ArcObjects, ArcXML, ArcIMS, Python, ASP, .NET, JSP, XML, AJAX, HTML, CSS , and other GIS open source API, including Google and Microsoft mapping technologies; 2) Upgrade, configure, optimize, administer and monitor ArcSDE Geodatabases with Oracle 10g or 11g Real Application Cluster databases and DataGuard. Design and implement relational geodatabase schema. Familiar with PL/SQL and stored procedures; 3) Support of comprehensive countywide digital spatial data development projects including the mapping of street infrastructure/features, geo-referencing historical maps or historical aerial photos, hardcopy conversion/automation, tax map maintenance, and collection of other features such as building addresses (from existing digital databases and/or field verification) for integration into the central GIS database; 4) Perform Quality Assurance/Quality Control (QA/QC) services for countywide data development projects; 5) Development and support for ArcGIS 10.x.

	SERVICE	1 YEAR EXPERIENCE RATE	3 YEAR EXPERIENCE RATE	5 YEAR EXPERIENCE RATE	1 YEAR EXPERIENCE RATE with certification	3 YEAR EXPERIENCE RATE with certification	5 YEAR EXPERIENCE RATE with certification
74	Design and develop web applications, web services and GIS desktop applications using ArcGIS Server with Microsoft .Net framework, Microsoft Silverlight, Adobe Flex and JavaScript, Java platform, Web Mapping API, ArcObjects, ArcXML, ArcIMS, Python, ASP, .NET, JSP, XML, AJAX, HTML, CSS , and other GIS open source API, including Google and Microsoft mapping technologies	\$ 75.00	\$ 120.00	\$ 160.00	\$ 75.00	\$ 120.00	\$ 160.00
75	Upgrade, configure, optimize, administer and monitor ArcSDE Geodatabases with Oracle 10g or 11g Real Application Cluster databases and DataGuard. Design and implement relational geodatabase schema. Familiar with PL/SQL and stored procedures	\$ 100.00	\$ 131.00	\$ 160.00	\$ 100.00	\$ 131.00	\$ 160.00
79	Support of comprehensive countywide digital spatial data	\$ 60.00	\$ 75.00	\$ 105.00	\$ 60.00	\$ 75.00	\$ 105.00

	development projects including the mapping of street infrastructure/features, geo-referencing historical maps or historical aerial photos, hardcopy conversion/automation, tax map maintenance, and collection of other features such as building addresses (from existing digital databases and/or field verification) for integration into the central GIS database						
80	Perform Quality Assurance/Quality Control (QA/QC) services for countywide data development projects	\$ 60.00	\$ 75.00	\$ 105.00	\$ 60.00	\$ 75.00	\$ 105.00
83	Development and support for ArcGIS 10.x	\$ 75.00	\$ 120.00	\$ 160.00	\$ 75.00	\$ 120.00	\$ 160.00

Accordingly, the attached resolution is submitted for your consideration.

APPROVED BOARD OF ACQUISITION & CONTRACT - 10/25/2012 - JOMRY VIEIRA, SECRETARY

RESOLUTION

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

RESOLVED, that the County of Westchester (the "County") is hereby authorized to enter into an agreement (IT-1292) with Bowne Management Systems Inc., having a place of business located at 235 East Jericho Turnpike, Mineola, New York 11501, for a term commencing November 1, 2012 and terminating October 31, 2014, for a total amount not to exceed \$132,000, payable monthly at hourly rates not to exceed those specified below, for the provision of the following information technology professional consulting services: 1) Design and develop web applications, web services and GIS desktop applications using ArcGIS Server with Microsoft .Net framework, Microsoft Silverlight, Adobe Flex and JavaScript, Java platform, Web Mapping API, ArcObjects, ArcXML, ArcIMS, Python, ASP, .NET, JSP, XML, AJAX, HTML, CSS , and other GIS open source API, including Google and Microsoft mapping technologies; 2) Upgrade, configure, optimize, administer and monitor ArcSDE Geodatabases with Oracle 10g or 11g Real Application Cluster databases and DataGuard. Design and implement relational geodatabase schema. Familiar with PL/SQL and stored procedures; 3) Support of comprehensive countywide digital spatial data development projects including the mapping of street infrastructure/features, geo-referencing historical maps or historical aerial photos, hardcopy conversion/automation, tax map maintenance, and collection of other features such as building addresses (from existing digital databases and/or field verification) for integration into the central GIS database; 4) Perform Quality Assurance/Quality Control (QA/QC) services for countywide data development projects; 5) Development and support for ArcGIS 10.x.

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74	Design and develop web applications, web services and GIS desktop applications using ArcGIS Server with Microsoft .Net framework, Microsoft Silverlight, Adobe Flex and JavaScript, Java platform, Web Mapping API, ArcObjects, ArcXML, ArcIMS, Python, ASP, .NET, JSP, XML, AJAX, HTML, CSS , and other GIS open source API, including Google and Microsoft mapping technologies	\$ 75.00	\$ 120.00	\$ 160.00	\$ 75.00	\$ 120.00	\$ 160.00
75	Upgrade, configure, optimize, administer and monitor ArcSDE Geodatabases with Oracle 10g or 11g Real Application Cluster databases and DataGuard. Design and implement relational geodatabase schema. Familiar with PL/SQL and stored procedures	\$ 100.00	\$ 131.00	\$ 160.00	\$ 100.00	\$ 131.00	\$ 160.00
79	Support of comprehensive countywide digital spatial data development projects including the mapping of street infrastructure/features, geo-referencing historical maps or historical aerial photos, hardcopy conversion/ automation, tax map maintenance, and collection of other features such as building	\$ 60.00	\$ 75.00	\$ 105.00	\$ 60.00	\$ 75.00	\$ 105.00

	addresses (from existing digital databases and/or field verification) for integration into the central GIS database						
80	Perform Quality Assurance/Quality Control (QA/QC) services for countywide data development projects	\$ 60.00	\$ 75.00	\$ 105.00	\$ 60.00	\$ 75.00	\$ 105.00
83	Development and support for ArcGIS 10.x	\$ 75.00	\$ 120.00	\$ 160.00	\$ 75.00	\$ 120.00	\$ 160.00

; and be it further

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

RESOLVED, that this Agreement is also subject to further financial analysis of the impact of any New York State Budget (the "State Budget") proposed and adopted during the term of this Agreement. The County shall retain the right, upon the occurrence of any release by the Governor of a proposed State Budget and/or the adoption of a State Budget or any amendments thereto, and for a reasonable period of time after such release(s) or adoption(s), to conduct an analysis of the impacts of any such State Budget on County finances. After such analysis, the county shall retain the right to either terminate this Agreement or to renegotiate the amounts and rates approved herein. If the County subsequently offers to pay a reduced amount to the Contractor, then the Contractor shall have the right to terminate this Agreement upon reasonable prior written notice; and be it further

RESOLVED, that the County Executive or his duly authorized designee is hereby authorized to execute and deliver any and all documents and to take all action necessary and appropriate to effectuate the purposes of this Resolution.

Account to be Charged/Credited:
Agreement Number: IT-1292

Year	Fund	Dept	Major Program, Program & Phase Or Unit	Object/ Sub-Object	Trust Account	Dollars
2012	316	16	BIT2600S	6190		\$ 3,666
2012	316	16	BIT09-01S	6190		\$ 3,333
2012	221	60	0110	0110		\$ 4,000
2013	316	16	BIT2600S	6190		\$22,000
2013	316	16	BIT09-01S	6190		\$20,000
2013	221	60	0110	0110		\$24,000
2014	316	16	BIT2600S	6190		\$18,334
2014	316	16	BIT09-01S	6190		\$16,667
2014	221	60	0110	0110		\$20,000

Budget Funding Year(s): 2012 - 2014
(must match resolution)

Start Date: November 1, 2012

End Date: October 31, 2014

Funding Source

Tax Dollars: \$ 132,000

State Aid: _____

Federal Aid: _____

Other: _____

\$132,000

(must match resolution)

ALPHABETICAL LIST OF RESPONSIVE RESPONDENTS

Service Number 74

“Design and develop web applications, web services and GIS desktop applications using ArcGIS Server with Microsoft .Net framework, Microsoft Silverlight, Adobe Flex and JavaScript, Java platform, Web Mapping API, ArcObjects, ArcXML, ArcIMS, Python, ASP, .NET, JSP, XML, AJAX, HTML, CSS , and other GIS open source API, including Google and Microsoft mapping technologies.”

1. 22nd Century Technologies, Inc.
2. Atria Consulting, LLC
3. Bowne Management Systems Inc.
4. ClarusTec
5. Cyret Technologies, Inc.
6. Doon Technologies, Inc.
7. Enterprise Strategies
8. Environmental Systems Research Institute, Inc.
9. ExplInfo Inc.
10. Fountains Spatial, Inc.
11. Infojini, Inc.
12. Neotecra, Inc.
13. Nutech Information Systems
14. SAM Consulting Services, Inc.
15. SANBORN
16. Software Guidance & Assistance, Inc.
17. Sunrise Systems, Inc.
18. Tail Wind Associates
19. Technical Operations, Inc.
20. Technology Resource Services, Inc.
21. Viva USA, Inc.

ALPHABETICAL LIST OF RESPONSIVE RESPONDENTS

Service Number 75

“Upgrade, configure, optimize, administer and monitor ArcSDE Geodatabases with Oracle 10g or 11g Real Application Cluster databases and DataGuard. Design and implement relational geodatabase schema. Familiar with PL/SQL and stored procedures.

1. 22nd Century Technologies, Inc.
2. Atria Consulting, LLC
3. Bowne Management Systems Inc.
4. ClarusTec
5. Cyret Technologies, Inc.
6. Doon Technologies, Inc.
7. Enterprise Strategies
8. Environmental Systems Research Institute, Inc.
9. ExplInfo Inc.
10. Fountains Spatial, Inc.
11. Infojini, Inc.
12. Neotecra, Inc.
13. Nutech Information Systems
14. SAM Consulting Services, Inc.
15. SANBORN
16. Software Guidance & Assistance, Inc.
17. Sunrise Systems, Inc.
18. Tail Wind Associates
19. Technical Operations, Inc.
20. Technology Resource Services, Inc.

ALPHABETICAL LIST OF RESPONSIVE RESPONDENTS

Service Number 79

“Support of comprehensive countywide digital spatial data development projects including the mapping of street infrastructure/features, geo-referencing historical maps or historical aerial photos, hardcopy conversion/automation, tax map maintenance, and collection of other features such as building addresses (from existing digital databases and/or field verification) for integration into the central GIS database.”

1. 22nd Century Technologies, Inc.
2. Atria Consulting, LLC
3. Bowne Management Systems Inc.
4. Cyret Technologies, Inc.
5. Doon Technologies, Inc.
6. Enterprise Strategies
7. Environmental Systems Research Institute, Inc.
8. ExplInfo Inc.
9. Fountains Spatial, Inc.
10. Infojini, Inc.
11. Neotecra, Inc.
12. Nutech Information Systems
13. SAM Consulting Services, Inc.
14. SANBORN
15. Software Guidance & Assistance, Inc.
16. Sunrise Systems, Inc.
17. Tail Wind Associates
18. Technical Operations, Inc.
19. Technology Resource Services, Inc.

ALPHABETICAL LIST OF RESPONSIVE RESPONDENTS

Service Number 80

“Perform Quality Assurance/Quality Control (QA/QC) services for countywide data development projects.”

1. 22nd Century Technologies, Inc.
2. Atria Consulting, LLC
3. Bowne Management Systems Inc.
4. Cyret Technologies, Inc.
5. Data Industries, LTD
6. Doon Technologies, Inc.
7. Enterprise Strategies
8. Environmental Systems Research Institute, Inc.
9. ExplInfo Inc.
10. Fountains Spatial, Inc.
11. Genesys Consulting Services, Inc
12. Infojini, Inc.
13. Innosoul, Inc.
14. Neotecra, Inc.
15. Nutech Information Systems
16. PSI International, Inc.
17. SAM Consulting Services, Inc.
18. SANBORN
19. Software Guidance & Assistance, Inc.
20. Sunrise Systems, Inc.
21. Tail Wind Associates
22. Technical Operations, Inc.
23. Technology Resource Services, Inc.

ALPHABETICAL LIST OF RESPONSIVE RESPONDENTS

Service Number 83

“Development and support for ArcGIS 10.x.”

1. Atria Consulting, LLC
2. Bowne Management Systems Inc.
3. ClarusTec
4. Cyret Technologies, Inc.
5. Data Industries, LTD
6. Doon Technologies, Inc.
7. Enterprise Strategies
8. Environmental Systems Research Institute, Inc.
9. ExplInfo Inc.
10. Fountains Spatial, Inc.
11. Infojini, Inc.
12. Nutech Information Systems
13. SAM Consulting Services, Inc.
14. SANBORN
15. Software Guidance & Assistance, Inc.
16. Sunrise Systems, Inc.
17. Tail Wind Associates
18. Technical Operations, Inc.
19. Technology Resource Services, Inc.
20. Viva USA, Inc.

APPROVED BOARD OF COMPETITION & CONTRACT - 10/25/2012 - JOMARY VIEIRA, SECRETARY