



February 10, 2012

Addendum #2:
RE: Citywide Asset and Logistics Management (CALMS) RFP
PIN: 017P0001

Dear Potential Proposer:

The New York City Office of Emergency Management (OEM) is issuing **Addendum #2** to the Citywide Asset and Logistics Management System (CALMS) Request for Proposals, PIN: 01712P0001. Applicants should acknowledge receipt of this addendum by using the Acknowledgment of Addenda (Attachment D).

This addendum provides answers to technical questions OEM received to date regarding this RFP. OEM made its best effort to group the questions and answers by subject matter and the date it was received.

OEM Procurement anticipates sending out an additional addendum that will clarify and address any questions that required follow-up from the pre-proposal conference held on 02/03/2012.

Please note that OEM also has extended the bid due date to Tuesday, February 21, 2012 @ 5:00 pm EST.

Enclosed herein are the following documents:

1. A copy of the pre-proposal conference sign-in sheet
2. A copy of the transcript from the pre-proposal conference

Please be advised that this addendum supersedes any information provided by OEM at the pre-proposal conference held on 02/03/2012 and the original RFP.



AMENDED SECTIONS OF THE RFP

The following sections of the RFP have been amended as follows (changes have been highlighted in **bold blue font**):

SECTION 1: TIMETABLE on page 4 of the RFP:

C. Proposal Due Date and Time:

Date: **Tuesday, February 21, 2012**
Time: 5:00 PM (Eastern Standard Time)
E-mail Address: procurement@oem.nyc.gov
Fax Number: (718) 246-6011
Location: New York City Office of Emergency Management
165 Cadman Plaza East, Brooklyn, NY 11201
Attention: Brian Genzmann

SECTION III: SCOPE OF WORK on page 10 of the RFP:

4. Technical Specifications

The selected vendor(s) must be able to provide the following components including user rights to software prior to the start of contract and provide proof of expertise with their use:

- a. Software Application development - including but not limited to:
 - a. C# .NET Development
 - b. MVC Development
 - c. SQL Server
 - d. Console Applications
 - e. Web Services
 - f. Web Sites

Note: Current CALMS site is a C# .NET 3.5 application using SQL Server **2008** database.

- b. GIS Application development:
 - a. ESRI ArcIMS development.
 - b. ESRI ArcGIS Server web mapping application development using the .NET, JavaScript, and Microsoft Silverlight APIs.
 - c. C#, .NET, and VBA development using ArcObjects in ArcGIS Desktop and Engine environment for GIS Desktop applications.
 - d. ArcPad 10 & ArcGIS Server Mobile for Mobile GIS Development.
 - e. Additional experience in ESRI Extensions for specialized GIS applications (Spatial, 3D, Network, Geostatistical Analyst, and ArcLogistics Route).

Note: Current CALMS GIS is an **Arc GIS version 10 application**.

ANSWERS TO QUESTIONS OEM RECEIVED BY 02/09/2012



Technical Questions

What tasks does OEM expect that the GIS/CAD specialist and GIS/Data Management Specialist to perform?

The incumbent currently divides up tasks in this way: GIS/CAD Specialist oversees the development enhancements of the CALMS site and the GIS/Data Management Specialist codes enhancements to the CALMS site. If proposers have different job titles that can perform the same functions as the current GIS/CAD specialist and GIS/Data Management Specialist, please describe that in your proposal. As emphasized in the Pre-Proposal Conference, the number of hours listed for each job title are solely for the benefit of determining a price point for evaluation and should not be assumed to represent the number of hours that will be worked by each job title. Those details will be worked out during the contract phase with the winning bidder.

Please confirm that all tasks with the execution of the yearly in person meeting can be performed from the location of the supplier's choosing.

NYC OEM would prefer strongly prefer that all tasks and hosting are performed within the United States. In addition, NYC OEM would require that the Project Management team be available during NYC OEM's regular business hours which are 9 AM – 6PM EST.

Please provide the current server specifications (processor, speed, memory, disk space) for all the CALMS servers currently being hosted by the incumbent vendor.

CALMS is currently running on a server shared with multiple web sites, and housed in a virtual infrastructure. These are the following recommendations regarding server hardware based on what the incumbent currently uses:

Server Hardware

- Recommend 2 CPUs with a speed of 2.8 GHz, Intel Xeon or AMD Opteron-based. Recommend at least Xeon E5400 series CPUs, or better.
- Recommend 8GB of RAM on hosting server.
- CALMS disk space requirement is approx. 2.5 GB for the application and data, and 500Mb for the supporting database. There is a recommendation for sizing the data partition to allow for future growth – 10GB for the application data. If the destination server will also be the SQL Server, then the 10GB partition could be used for both the database and the application. However, best practices stipulate that these should be separate systems.

The RFP states that the CALMS website can operate on 1.5Mbps of bandwidth. Please provide the total amount of bandwidth used over the past year by the CALMS database (upload and download).

Original RFP stated 1.5Mbps of bandwidth. Given enhancements made to the site during the development period, it is recommended to host CALMS within an infrastructure supplied with 3.0Mbps of internet bandwidth, symmetrically (3 Mbps upload, 3 Mbps download).

Please confirm that the expected size of the CALMS website, database, and throughput requirements will not materially change from the current requirements specified in the RFP while at the current budget.





In light of new projects that have been started since the drafting of the RFP, it is now believed that CALMS could grow to between 4 and 5 GB over the next year.

At the pre-proposal conference, OEM personnel suggested that using a public cloud for hosting may not be acceptable. Since the CALMS website is accessible on the general Internet (access limited by user passwords), would OEM be amenable to a hybrid approach, in which the web server is hosted on a public server, while the database is stored on a private server behind a firewall?

It would be acceptable to NYC OEM to host the web server on a public server while keeping the database on a private server behind a firewall.

At the pre-proposal conference, OEM personnel suggested that the supplier’s 24-hour phone support would be sufficient if limited to the phone number of an on-call manager during emergencies (e.g. Hurricane Irene). Please confirm.

A 24 hour on call manager is required during emergencies and support can be limited to that person as long as that person could troubleshoot technical issues remotely.

If any password reset is to be provided over the phone by the supplier, please describe the authentication or validation that needs to be performed to ensure that the request is authentic.

No password reset requests will be submitted by phone. They should all be submitted via the CALMS website.

What is the peak user volume of the site?

Under normal circumstances, it is possible that three (3) people could be logged into CALMS at any one time. However, in a major emergency it could be possible for 100 people to log into CALMS at any one time.

What is the Service Level Agreement (SLA) expectation of the failover and main servers?

The backup server is expected to be functional no more than five (5) minutes after the main server goes down. If the main server goes down, NYC OEM expects an ETA for restoration within 1 hour.

Please provide list of software licenses that are required for CALMS and the backup server and who owns them.

CALMS Software Specifications

Name	Description	Version	Comments
Software			
Microsoft Windows Server 2008 Standard Edition	Server operating system and web server software		Vendor needs to have this on their infrastructure to host CALMS. License for DoITT already exists.
Microsoft Windows Server 2003 External Connector License	Allows unlimited web server access from the Internet		Vendor needs to have this on their infrastructure to host CALMS. License for



			DoITT already exists.
Microsoft SQL Server 2008 Workgroup Edition Processor License	Database server software for unlimited connections.		Vendor needs to have this on their infrastructure to host CALMS. License for DoITT already exists.
Component Art	Menu, Navbar and Calendar Objects	Version=2007.2.1427.35	Vendor needs to have this on their infrastructure to host CALMS. License for DoITT already exists.
DynamicPDF Core Suite v5 for .NET Professional Server License	PDF Report Generator		Vendor needs to have this on their infrastructure to host CALMS. License for DoITT would be generated as a testing server from Vendor's license at no additional cost.
Metabuilders	Multiple Row select	Version 1.1.5000.0	free
Email Notification	Included in .NET Framework		free
File Upload	Included in .NET Framework		free
ArcIMS	GIS Web Based mapping Software	Version 9.3	* Assumes 2 cores Vendor needs to have this on their infrastructure to host CALMS. License for DoITT already exists.
Java J2SE JRE and SDK	Java Development Kit	Version 1.5.0_6	free
Servlet Exec 5.0 ISAPI	Java Servlet Exec (packaged with ESRI)	Version 5.0	Vendor needs to have this on their infrastructure to host CALMS. License for DoITT already exists.
ArcGIS Server Standard Enterprise	GIS Web Based mapping Software	Version 10.0	Vendor needs to have this on their infrastructure to host CALMS. License for DoITT already exists.
ArcGIS Server Database Engine (ArcSDE)	GIS Database software	Version 10.0	* This includes Standard Enterprise for future SDE development Vendor needs to have this on their infrastructure to host CALMS. License for DoITT already exists.
ArcGIS Desktop ArcEditor License	Desktop GIS Software for ArcSDE data maintenance	Version 10.0	* Local ArcEditor license needed to maintain SDE. Vendor needs to have this on their infrastructure to host CALMS. License for DoITT already exists.
ESRI maintenance after 1st year	Maintenance		This is OPTIONAL



DoubleTake (For E & E Servers)	Software for replication	Version 5.1.1.1136.11	(~\$2800/ server) The quote listed here reflects MSRP pricing on a per-license basis. Volume discounts may be available from independent vendors. Vendor needs to have this on their infrastructure to handle replication CALMS. One license for web application server, one license for SQL database server.
DoubleTake (For DoITT Servers)	Software for replication	Version 5.1.1.1136.11	(~\$2800/ server) The quote listed here reflects MSRP pricing on a per-license basis. Volume discounts may be available from independent vendors. 2 licenses are required for DoITT, which already exist and do not need to be repurchased.
Web Programming Languages			
ASP.NET in C# 3.5 Framework			
Microsoft Silverlight Plugin		5	
HTML and Javascript			

Please note that questions asked during the pre-proposal conference can be found in the transcript, which has been attached to this addendum.

OEM Procurement anticipates sending out an additional addendum that focuses on budget and finance related issues early next week. As mentioned previously, the last date for all questions pertaining to this RFP was 02/09/2012. OEM will not address additional questions on this RFP.

If you are responding to this RFP, please remember to list this Addendum on Attachment D, and submit it with your full proposal. The deadline to a submit proposal for this RFP is **Tuesday, February 21, 2012 at 5PM (EST)**. Thank you for your interest in OEM.

