

City of Waukesha IT Technical Assessment

Maintenance Package

Requesting Department Use

Fiscal Year: 2021 Requester: Mona Bauer Title: CASM Dept: PRF

Project Overview and Goals:

WPRF is looking for mobility in the field to manage work orders, inspections, communication, task and labor tracking, reports and other maintenance efforts. One of the possible solutions is the use of a simple software called Productive Parks. The information about this software is included below. Another solution would be to use Timescape Mobile (through Modeco). We have piloted scanners in the field through Timescape and have found that they are inefficient and cumbersome to track as bar codes are not available on all the assets within the parks. The software is labor intensive to fix mistakes, add notes, etc. at the end of the day instead of at the time of use. Therefore, we are looking at a more mobile solution that could possibly use geofencing so that locations can be automatically recorded and notes, overrides, etc. can be done on the fly instead of at the end of the day. This will assist in getting a better handle on tracking labor tasks especially travel time. All the information gathered would be available for Supervisors and Managers to make better decisions when it comes to managing people, places and resources. The solution would also need to be able to easily interface with other softwares such as Kronos, Viewworks and possibly the Registration Software.

Both solutions and possibly others will be examined to determine the easiest, most efficient and economical solution for the Grounds, Building and Forestry divisions to utilize mobile software by utilizing a Request For Proposal process.

Proposed Project / Technology

Check one: ☐ Replacement ☐ New ☐ Upgrade ☒ Other: Potential Replacement/New

Will any of the following need to be purchased: PCs, Handheld devices, Laptops, printers, scanners, etc.

☐ N/A ☒ Yes ☐ No

If yes, please explain: Cell phones are listed as part of the package.

Vendor Use

This section is to be filled out by the vendor.

**General overview from vendor of the application topology and what the application does:
The following questions are designed to help determine the appropriate infrastructure costs in conjunction with system type/criticality information.**



Application Architecture

What is the Application Architecture (if known)? The options are as follows:

☐ Client / Server ☐ Client ☒ Web Based ☐ Other:

*Web-Based is preferred

Where is the Application Architecture installed? The options are as follows:

☐ On-Premises ☒ Hosted ☐ Other:

If the Application Architecture is hosted, what model is used?

☐ Infrastructure as a Service ☒ Software as a Service ☐ Platform as a Service

☐ N/A ☐ Other:

If the Application Architecture is hosted, and the City stops using the solution, is there a charge to get our data back

☐ Yes ☒ No

If the Application Architecture is hosted, what certifications do they hold?

☐ SAS 70 ☐ SSAE 16 ☐ FedRAMP ☒ Other: N/A

Web Application Requirements

☐ N/A: This is a Client/Server Solution

What Web Browsers are supported?

☐ Internet Explorer ☒ Chrome ☒ Firefox ☒ Browser Agnostic ☒ Other: Microsoft Edge

* Browser agnostic preferred

What Browser version is supported?

Internet Explorer: . Chrome: current & 2 versions prior Firefox: current & 2 versions prior

What Web service is used: ☐ IIS - Version ☒ Other – Version Ubuntu/Nginx

*IIS Preferred

What third party software needed?

- ☐ A Java add-on is on the client, version #
- ☐ Active X add-on on the client
- ☐ .NET Framework, version
- ☐ Digital certificates (IE based app. or ASP)
- ☐ Adobe
- ☐ Add-ins for existing applications (IE MS Office, etc.)
- ☐ Other
- ☒ Not Applicable (none needed)

*None Needed is preferred.

Server Requirements

☒ N/A: This is a Hosted Solution

Specify the type of server the main component of the application will be installed on?

☐ MS Server What Version? What Service Pack?

☐ LINUX - What version?

*MS Server is the standard

What database will be used?

☐ MS SQL What version? What SP?

☐ Oracle What version?

☐ Other What version?

☐ N/A

*MS SQL is the standard

Is database fully vendor supported?

☐ N/A ☐ No ☐ Yes Notes:

*Vendor supported is preferred

Does the vendor require the application and Database to reside on same hardware?

☐ No ☐ Yes Notes:

If no, can the application and Database reside together for the test system?

☐ No ☐ Yes Notes:

Are virtual servers supported?

☐ No ☐ Yes Notes:

*Virtual Servers are the standard

If yes, which Hypervisors?

☐ Hyper-V Notes: ☐ VMware Notes:

Will any of the following servers be needed?

☐ Test ☐ QA ☐ Train ☐ Not Applicable ☐ Other Notes:

*Test environments are the standard

*QA environments are preferred

Client Requirements

☒ N/A: Web-Based solution

Is the application able to run in a Citrix/Remote Desktop/VDI environment?

☐ No ☐ Yes Notes:

Is Citrix/RDS/VDI fully vendor supported?

☐ No ☐ Yes Notes:

*Citrix is the standard.

What client operating system will be used?

☐ Windows 7 - What SP?

☐ Windows 10 - What SP?

☐ Other: What SP?

*The most current Windows OS is the standard.

What third party software needed?

☐ A Java add-on is on the client, version #

☐ Active X add-on on the client

☐ .NET Framework, version

☐ Digital certificates (IE based app. or ASP)

☐ Adobe

☐ Add-ins for existing applications (IE MS Office, etc.)

☐ Other

☐ Not Applicable

User Account Control

Does the application require users to login?

☐ No ☒ Yes Notes:

Does the application integrate with Active Directory for authentication?

☒ No ☐ Yes Notes:

*Active Directory is the standard for on-premises applications.

Does the application integrate with Active Directory for user account creation?

☒ No ☐ Yes Notes:

Does the application integrate with Active Directory Federation Services?

☒ No ☐ Yes Notes:



*ADFS is the standard for hosted solutions.

Application Info

What will be the frequency of updates (i.e. dot (.) or SP)? Continuous Deployment

What will be the frequency of upgrades (i.e. major releases)? Continuous Deployment

Is the application licensed per user? ☒ No ☐ Yes Notes:

If yes, are they concurrent licenses? ☒ No ☐ Yes Notes:

Is access to the Internet required for this application? ☒ Yes ☐ No

If yes, please describe what access is needed and how it will be used: http access required.

IT Department Use

The section is to be filled out by the IT department.



City IT Department Use

For standard systems:

In order to appropriately answer the “commensurate” or “adequate” nature of a particular response, the information in the Technical Assessment Pre-Screen should be considered.

IT has not had a chance to review this product or speak with the vendor. This will be a requirement before procurement.

STOP!! If you answered “No” to any of the above, your project does not meet technical standards. Please consult the IT Director for further guidance.

