NOTICE OF

STANDING COMMITTEES

Scheduled for
Tuesday, January 8, 2019,
beginning at 6:30 p.m. in

Council Chambers
Village Hall of Tinley Park
16250 S. Oak Park Avenue
Tinley Park, Illinois

Public Safety Committee
Community Development Committee

A copy of the agendas for these meetings is attached hereto.

Kristin A. Thirion
Clerk
Village of Tinley Park

NOTICE OF A MEETING

OF THE PUBLIC SAFETY COMMITTEE

Notice is hereby given that a meeting of the Public Safety Committee of the Village of Tinley Park, Cook and Will Counties, Illinois, will begin at 6:30 p.m. on Tuesday, January 8, 2019, in the Council Chambers at the Village Hall of Tinley Park, 16250 S. Oak Park Avenue, Tinley Park, Illinois.

The agenda is as follows:

1. OPEN THE MEETING.

2. CONSIDER APPROVAL OF THE MINUTES OF THE PUBLIC SAFETY COMMITTEE MEETING HELD ON SEPTEMBER 11, 2018.

3. DISCUSS 911 SERVER UPGRADE.

4. DISCUSS WIRELESS RADIO ALARM REMOTE MONITORING UPGRADE.

5. RECEIVE COMMENTS FROM THE PUBLIC.

ADJOURNMENT

KRISTIN A. THIRION
VILLAGE CLERK

MINUTES
Meeting of the Public Safety Committee
September 11, 2018 - 6:30 p.m.
Village Hall of Tinley Park – Council Chambers
16250 S. Oak Park Avenue
Tinley Park, IL 60477

Members Present: W. Brady, Chairman
                                    B. Younker, Village Trustee

Members Absent: M. Glotz, Village Trustee

Other Board Members Present: None
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Staff Present: D. Niemeyer, Village Manager
                                    P. Carr, Assistant Village Manager
                                    B. Bettenhausen, Village Treasurer
                                    M. Walsh, Police Chief
                                    C. Faricelli, Deputy Police Chief
                                    S. Klotz, Deputy Fire Chief/Suppression
                                    J. Urbanski, Assistant Public Works Director
                                    P. Connelly, Village Attorney
                                    L. Valley, Executive Assistant to the Manager and Trustees
                                    L. Godette, Deputy Village Clerk
                                    L. Carollo, Commission/Committee Secretary

Item #1 - The Public Safety Committee meeting was called to order at 6:58 p.m.

**Item #2 – CONSIDER APPROVAL OF THE MINUTES OF THE PUBLIC SAFETY
COMMITTEE MEETING HELD ON JUNE 12, 2018 –** Motion was made by Chairman Brady,
seconded by Trustee Younker, to approve the minutes of the Public Safety Committee Meeting held on
June 12, 2018.   Vote by voice call.   Chairman Brady declared the motion carried.

Item #3 – RECEIVE UPDATE ON FIRE STATION #2/47 CONSTRUCTION - A preliminary
budget was discussed regarding fire station #2/47 design and construction cost estimations.   R.C.
Wegman created a rough estimate of the project budget by current bid awards from similar Chicagoland
fire station projects and quotes received on unit costs, which totals approximately $6,000,000.
Therefore, staff discussed seven saving options and alternates as well as the current and future advantages
and disadvantages of each option.   Staff recommended continuing the planning and design process of the
fire station while removing the amenities in saving options #1 and #7.   Option #1 removes three of the
improved bi-fold style doors and replaces them with traditional rollup doors at a savings of approximately
$93,000.   Option #7 removes purchase and lease of temporary structures designed to house apparatus
and manpower on site during the construction phase at a savings of approximately $220,000.

Chairman Brady asked where equipment and manpower would be housed if option #7 is removed.   S.
Klotz, Deputy Fire Chief/Suppression stated there is ongoing communication of an alternate response
time program with Orland Park to assist in maintaining standard response times and communication with
other communities having undergone similar projects.   Trustee Younker asked about financing the
project.   P. Connelly, Village Attorney reminded the Public Safety Committee the Village Board
ultimately will have to approve final costs.   J. Urbanski, Assistant Public Works Director stated updates
and options have been provided to the Public Safety Committee in order to keep the project moving

forward.   D. Niemeyer, Village Manager summarized the project to date and explained what would be needed in the future.   Direction is needed from the Public Safety Committee to keep the project moving forward.   Additionally, a representative from FGM Architects was present to answer questions.

The recommendation from the Public Safety Committee was to proceed with the planning and design phases of the fire station while removing the amenities in saving options #1 and #7.

Item #4 – DISCUSS CIVIL ENGINEERING CONTRACT WITH CHRISTOPHER B. BURKE ENGINEERING, LTD. FOR FIRE STATION #2/47 CONSTRUCTION - Per the previously approved contract regarding general design and construction engineering services, Christopher B. Burke Engineering, LTD. has been assisting the Village with numerous civil engineering services and project management.   In coordination with the approved architectural services assigned to FGM Architects, civil engineering services are required for Fire Station #2/47 construction.   Burke Engineering would assist with topography design, utility coordination, watershed management and document preparation for submittal with regulatory departments.   Services would be completed in collaboration with R.C. Wegman, FGM Architects and Village of Tinley Park representatives to construct the fire station and properly execute the scope of work as outlined within the contract.

Staff recommended professional services contract approval with Christopher B. Burke Engineering, LTD., in an amount not to exceed $82,100.00.

Motion was made by Trustee Younker, seconded by Chairman Brady, to recommend professional services contract approval with Christopher B. Burke, LTD., for all civil engineering requirements for Fire Station #2/47 construction be placed on the agenda for the next Village Board meeting for future approval.   Vote by voice.   Chairman Brady declared the motion carried.

Item #5 – RECEIVE COMMENTS FROM THE PUBLIC - Diane Galante had questions regarding financing Fire Station #2/47.   B. Bettenhausen, Village Treasurer stated there is funding in the budget to start the project and staff would provide the appropriate information to her.   Ms. Galante also stated ongoing concerns about police understaffing.   D. Niemeyer, Village Manager stated there are positions open this year.   The budget starts May 1, and the goal would be to add more police during that time.

ADJOURNMENT
Motion was made by Chairman Brady, seconded by Trustee Younker, to adjourn this meeting of the Public Safety Committee.   Vote by voice call.   Chairman Brady declared the motion carried and adjourned the meeting at 7:13 p.m.

lc

Interoffice
Memo

Date:	January 3rd, 2019
To:	Dave Niemeyer, Village Manager Pat Carr, Assistant Village Manager
From:	Michael Thomas, IT Manager Dennis Maleski, IT
Subject:	911 Server Replacement/Upgrade

Presented for January 8th, 2019 Public Safety Committee meeting for discussion and action.

Description:
The 911 Servers are at end of life and need to be replaced in order to maintain our high level of community response for our Computer Aided Dispatch (CAD) system. The servers are approaching 6 years of age and our software and applications require more current servers to leverage new software technology to maintain compliance with State and Federal regulations.

Background:
The Village's current Computer Aided Dispatch (CAD) system is approximately 5 years old and the servers which support the systems are in need of replacement. The software applications which are executed on the servers also would benefit from upgraded servers to run the newest level of software in order to stay in compliance with State and Federal regulations and guidelines related to CAD systems. The Village has $120,000 budgeted in the current fiscal year for the upgrade expenditures.

In 2012, the Village completed a several month review of the options available for the CAD system replacement or upgrade. Upon review of all options, it was recommended that the Village remain with the current CAD provider, SunGard. This decision was based on several factors, including:

- SunGuard's ability to provide the necessary CAD features and systems required by the Village;
- Ability to integrate with other existing Village information systems;
- Lower cost associated with remaining with current provider;
- Increased ability to transfer data from current CAD system into new/upgraded CAD.

Sungard (now Superion / Central Square Technologies) utilizes specially designed and built servers from Stratus Technologies to run their CAD software. The Stratus servers are designed to provide the highest uptime for CAD systems and also provide a platform to run the most effective and reliable software applications to support 911 CAD. The design of the Stratus servers allows our 911 CAD software to remain available at a rate which exceeds other manufacturers servers. Implementing servers from a different company would require a new design and installation of the 911 CAD software.

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Life Amplified

Key Benefits of Stratus Hardware:

- Lockstep Technology – Mirrored hardware componenets process the same instructions in "lockstep". This feature allows for total redundancy and 99.999% uptime.
- System Generated Replacement Ordering – System automatically notifies Stratus and ships out a replacement part.
- Embedded Monitoring – Automated Uptime Software Layer identifies, manages and takes corrective action on failed components.
- Performance Monitoring - Automatically detect system performance issues on premise with continuous monitoring of your hardware, operating systems, software applications and remote devices.
- Remote Availalbity Management and Service - Our award winning service with unmatched customer satisfaction that has proven to be a necessity with our environment.
- Central Square and Stratus have a strong relationship – both Companies work together during implementation and during production.
- Stratus ensures an uptime of 5 nines which is the highest in the industry.

Central Square Technologies will perform all services associated with their software. Central Square, Stratus and Village IT Department will be onsite to install the new hardware, software, transfer databases and cutover to the upgraded servers. Central Square has a dedicated team that will implement/upgrade their software. Central Square Technologies will also provide the licensing (included) for Neverfail software which provides the technology to ensure 99.999% uptime. The Village has been very satisfied with the current Stratus hardware and would like to upgrade to the latest versioning of their hardware.

Contractor:	Location:	Cost:
Superion / Central Square Technologies	Lake Mary, Florida	$44,478
Stratus Technologies	Maynard, Maryland	$73,233
	Total	$117,711

Budget/Finance:
Funding is available in the approved FY19 Capital Projects Budget. Maintenance is included in the approved FY19 Budget.
Replacement 911 Computer Aided Dispatch (CAD) System $120,000

Staff Direction Request:
Approve 911 System server upgrades utilizing Superion / Central Square Technologies and Stratus Technologies not to exceed $120,000.

Attachments:
Quote from Superion/Central Square Technologies

Add-On Quote

Quote Number: Q-00002458 **Valid Until:**
01/22/19

Quote Prepared For:
Dennis Maleski, Network specialist
Tinley Park Police Department
16250 S. Oak Park Avenue
Tinley Park, IL, 60477
(708) 444-5081

Date: 11/15/18

Quote Prepared By:
Raul Correa, Account Executive - Install
Superion
1000 Business Center
Lake Mary, FL 32746
Phone: (407) 304-3278 Fax:
raul.correa@centralsquare.com

This is a DRAFT

Thank you for your interest in Superion and our software and services solutions. Please review the below quote and feel free to contact Raul Correa with any questions.

Third-Party License Fees & Maintenance

Product Name	Quantity	License Fee	Maintenance
Neverfail Enterprise Bundle Pair up to 5VMS	1	$18,880.00	$5,397.92
Total		**$18,880.00**	**$5,397.92**

Third-Party Hardware

Product Name	Quantity	Amount
ft2810 VMware Essentials host	1	$46,659.00
Stratus Server Support	1	$7,931.00
HP DL380 Gen10 Server	1	$13,905.00
Total		**$68,495.00**

Professional Services
Installation & Configuration

Product Name	Amount
ONESolution MCT Upgrade Services	$2,800.00

	Total	$2,800.00

Technical Services

Product Name	Amount
Server Migration Preparation/Follow-Up	$1,600.00
CAD Server Migration	$1,600.00
RMS Server Migration	$1,600.00
Message Switch Migration	$1,600.00
Utility Server Migration	$1,600.00
OpCenter Migration	$1,600.00
SQL Database Migration	$1,600.00
Total	$11,200.00

Training

Product Name	Amount
ONESolution MCT Upgrade Services	$640.00
Total	$640.00

Project Management

Product Name	Amount
ONESolution All Other Project Management PS	$2,400.00
ONESolution MCT Upgrade Services	$160.00
Total	$2,560.00
Total Professional Services	$17,200.00

Third-Party Professional Services
Training

Product Name	Amount
Stratus Implementation Services	$4,738.00
Total	**$4,738.00**
Total Third-Party Professional Services	**$4,738.00**

Travel & Living Expenses

Product Name	Amount
Superion Public Safety Travel & Living Expenses Estimate	$2,500.00
Total	**$2,500.00**

Summary

Product/Service	Amount	
Professional Services	$17,200.00	
Subtotal		**$17,200.00**
Third-Party License Fees	$18,880.00	
Third-Party Hardware	$68,495.00	
Third-Party Professional Services	$4,738.00	
Subtotal		**$92,113.00**
Total		**$109,313.00**
Travel & Living Estimate		$2,500.00
Total with Travel & Living Estimate		**$111,813.00**
Net Third-Party Maintenance		$5,397.92
Shipping Estimate		$500.00

See Product notes in the Additional Information Section

Special Payment Terms by Product:
Stratus Total Assurance Server Support payment terms:

Stratus Third Party Product Annual Support Fees: The amount noted above for the initial year of Stratus Third Party Product support is due upon Execution of this quote/contract. The initial term for any Stratus Third Party Product(s) listed above shall commence upon installation and extend for a period of one (1) year. Annual support fees for subsequent terms are subject to change and will be invoiced by and paid directly to the vendor.

Neverfail Enterprise Bundle Pair up to 5VMS:

Third Party Product Annual Support Fees: The support fee for the initial annual period is included in the applicable Third Party Product License fees(s) unless otherwise stated. Subsequent terms invoiced by Superion will renew automatically at then-prevailing rates until such time Superion receives written notice of non-renewal from the Customer ninety (90) days in advance of the expiration of the then-current term. Notification of non-renewal is required prior to the start of the renewal term. Customer will be invoiced, and payment is due, upon renewal. As applicable for certain Third Party Products that are invoiced directly by the third party to Customer, payment terms for any renewal term(s) of support shall be as provided by the third party to Customer.

Comments:

Customer will provide all Microsoft Server
Licensing (Windows Server and SQL Server)

Technical Services for a full suite migration
Neverfail installation services for 5 pairs

ftServer 2810, 1-socket, 2.2 GHz 10-core processor
Automated Uptime Layer for VMware vSphere
6.5-based Class C ftServer Systems, Release 6.5
VMware vSphere Essentials Kit for 3 hosts
(Max 2 processors per host)
128GB Addressable - (16) 16 GB DDR4 DIMM
(2) 300GB 15K RPM 2.5-inch disk drive, 12Gb SAS
(10) 300 GB 15k 2.5 INCH Encryption-ready HDD
(4) 1.2 TB Encryption Ready 10K RPM 2.5" HDD
ftScalable Storage G3 array with four host-ports
per controller and 24 disk capacity
Two 16Gb Fibre Channel interface SFPs for
ftScalable storage G3
(2) 16 Gb/S Fibre Channel Host Bus Adapter
(LC Fiber Optic)
(2) ftServer Dual-Port Ethernet PCIe Adapter
10/100/1000Base-T (RJ-45 copper)
ftServer USB Keyboard/Mouse

Services
ftScalable Storage On-Site Array Configuration Service

ftServer 28xx Standard System Installation ESX

Service Level Chosen: Total Assurance with Subscription
ftServer 2810, 1-socket, 2.2 GHz 10-core processor
ftScalable Storage G3 array with 4 host-ports per controller and 24 disk capacity
VMware vSphere Essentials Kit for 3 hosts (Max 2 processors per host)

HP DL380 Gen10 Server:

HPE ProLiant DL380 Gen10 - rack-mountable -
Xeon Silver 4114 2.2 GHz - 16 GB - 0 GB
1 x Intel Xeon Silver 4114 / 2.2 GHz (3 GHz)
(10-core)
RAID (SATA 6Gb/s / SAS 12Gb/s) (HPE Smart Array P408i-a)
Card Reader
4-port 10/100/1000 GigE
128GB RAM
SMART ARRAY SECURE ENCRYPT E-LTU
(12) 300GB SAS 15K SFF SC DS HD
(4) 1.2TB SAS 10K SFF SC DS HD

Additional Information Section
Product Notes:
Stratus Implementation Services: Stratus implementation services are performed by Stratus.

Superion Travel and living expenses are an estimate. Actual expenses will be charged per Superion's travel policy.

Department Memo

Issued by: DC Riordan

Approved by: *[signature]*

Date: January 3, 2019

To: David Niemeyer, Village Manager

From: Forest Reeder, Fire Chief

Subject: Wireless Radio Alarm Program; Remote Monitoring Update

As you recall the Village Board in January 2018 approved the extension of the maintenance contract to Fox Valley Fire and Safety. The scope of the agreement includes all transmitting and receiving equipment both remote, at the Police Department, and Public Safety Building. Currently, the Village monitors over 560 alarm positions.

The extension of this contract also included a partnership with a U.L.-listed Central Station, Emergency 24, to manage the volume of "trouble-type" signals. The goal was to provide more time for dispatch personnel to concentrate on more emergent incidents. Additionally, if necessary, Emergency 24 can be a backup for monitoring alarm signals should dispatch be unable to do so. Another goal of this program will be to reduce the number of calls from alarm service technicians into our dispatch center. This will eventually significantly reduce phone call volume by several thousand per year.

The following is a summary of activity and accomplishments since the Village Board approval on January 16, 2018.

July 2018

- Strategic meeting with Fox Valley, Emergency 24, and the Village (I.T., Dispatch, and Fire Prevention) to discuss roles and responsibilities.
- Officers and Fire Prevention personnel notified of Emergency 24 transition via order #18-25.

August 2018

- All remote radio transmitters were re-labeled with updated information for alarm holders. 100% completed by October 1, 2018.
- Letters were sent to all alarm holders informing them of the enhanced program and requesting updated contact information. To date, 73% of the letters were returned confirming contact information. Over 56% returned had updated contact information.

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- Dispatch management modified the policy regarding the handling of alarms (Trouble and Supervisory). This was a pilot program regarding protocols that Emergency 24 will use for Supervisory/Trouble alarms. Supervisory alarms will now require an automatic response from the Fire Department and Trouble alarms will not be dispatched if a contact person for the premises is reached. Based on the same time frame as 2017 (June-December), there an 8% reduction in 2018 (32% vs. 24%) of this type of alarm activity.
- IT personnel began discussions regarding the requirements to protect the Village infrastructure for exporting/importing data. All equipment/software upgrades have been identified for Fox Valley.

August – December 2018
- Fox Valley and Emergency 24 began the "build" of the database using Fire Prevention information and required protocols. Completed December 2018.

September 2018
- A train-the-trainer session was held with attendees from I.T., Fire Department, and Dispatch personnel.

October 2018
- Follow-up order issued to Officer and Fire Prevention personnel with extended detail regarding responses to supervisory fire alarm signals.

First Quarter, 2019
- Fox Valley will be working with Village Department to finalize all upgrades, pilot the completed enhancements and place the program in service. Estimated completion date is between February 1 – March 1, 2019.

In summary, although about 60 days behind, the project is moving into its final stages and that is not considered a negative given we are only the third jurisdiction to implement this program. The Fire Department is pleased to know that businesses and citizens are more protected by this program.

FFR/caf

cc: D. Riordan, Dep. Chief / Prevention
       S. Klotz, Dep. Chief / Suppression
       L. Godette, Dep. Clerk
       L. Kortum, 911 Dispatch

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COMMENTS FROM THE PUBLIC

ADJOURNMENT