



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM



Date: November 27, 2023

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Deputy City Manager
Megan E. Schubert, Assistant City Manager
Robert C. Maleszyk, Chief Financial Officer
Dee Ann Irby, Controller
Kurt Bovensiep, Public Works Director
Dennis Trantham, Deputy Public Works Director
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Temperature Monitoring System Installation for Park Buildings

History

The Facilities and Grounds Division of the Department of Public Works oversees and maintains over 550 acres of developed park land and athletic fields consisting of 2 Mini Parks, 5 Neighborhood Parks, 9 Community Parks, and 3 Special Purpose Parks. Community Parks are designed for community-based recreation needs while preserving unique landscapes and open spaces. These parks usually serve two or more neighborhoods within a 1 to 2-mile radius. A reoccurring theme in the Parks and Recreation Master Plan, has been the community's desire for outdoor winter recreation opportunities.

The Global Pandemic further highlighted the need for more outdoor recreation opportunities during the traditional off season of our local parks. The Facilities and Grounds Division began looking for opportunities to heat the restrooms, thus allowing their use throughout the year. During fiscal year 2022, the Facilities and Grounds Division installed electric unit heaters in the restrooms at Beach Road Park, Daisy Knight Dog Park, and Milverton Park as well as making necessary repairs to the heating unit in the Boulan Park South restroom allowing it to function again. During fiscal year 2023 the Facilities and Grounds Division worked with consumers energy to install natural gas services to Boulan Park North, Brinston Park, Firefighters Park, Jaycee Park South, and Raintree Park to allow for the installation of gas fired forced air furnaces.

During fiscal year 2023 the Sylvan Glen Lake Park restroom was constructed and included in-floor radiant heat as part of the design.

Recognizing that freezing temperatures are the enemy of water and the idea that the restrooms will be available outside of the normal working hours, we needed a means of monitoring the space temperatures to ensure that pipes and fixtures do not freeze leading to infrastructure damage. The solution was to utilize Vigilante Security of Troy, MI to provide a remote temperature monitoring system that will notify staff if the building temperature falls below 42 degrees for longer than 10



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minutes. The notification will dispatch staff to address the failure in the heating system and take the necessary precautions to protect the property from significant water damage.

Purchasing

- Pricing for the Temperature Monitoring System Installation for Park Buildings has been secured from *Vigilante Security, Inc.* of *Troy, MI* as detailed in the attached proposal.
- Vigilante has provided Alarm Installation, Monitoring and Maintenance for the City of Troy since 1994.
- City Council authorized a bid waiver for Vigilante Security, Inc. on December 3, 2007 (Resolution #2007-12-340).

Financial

Funds are budgeted and available in the following Capital Fund Project numbers:

Location	Project Number	Account	Amount
Boulan Park North	2022C0143	401.770.771.975.135	\$1,895
Boulan Park South	2022C0143	401.770.771.975.135	\$1,895
Brinston Park	2022C0065	401.770.771.975.135	\$1,895
Firefighters Park	2022C0145	401.770.771.975.135	\$1,895
Jaycee Park	2022C0144	401.770.771.975.135	\$1,895
Raintree Park	2022C0066	401.770.771.975.135	\$1,895
Daisy Knight Dog Park	2023C0043	401.770.771.975.135	\$1,895
Sylvan Glen Lake Park	2023C0043	401.770.771.975.135	\$1,895

Total= \$15,160

Funds for the monthly monitoring fees are available in the Parks operating budget.

Recommendation

City Management recommends granting the authority to expend budgeted capital funds to *Vigilante Security, Inc.* of *Troy, MI* for the Temperature Monitoring System Installation for Park Buildings for an estimated cost of \$15,160 as detailed in the attached proposal; not to exceed budgetary limitations.



2681 Industrial Row Drive Troy, Michigan 48084
248-559-7100 800-589-7100 Fax: 248-559-1322
www.vigilantesecurity.com

November 13, 2023

Mr. Dennis Trantham
Deputy Public Works Director
City of Troy
500 W. Big Beaver Road
Troy, Michigan 48084
586-219-7461 cell / dennis.trantham@troymi.gov

RE: Air temperature monitoring for remote city park buildings.

Dear Dennis,

Per your request, enclosed is our proposal for the installation of new equipment to monitor the drop of temperature at desired location(s) within the city park buildings for the following.

Boulan Park - North - 3671 Crooks
Boulan Park - South - 3671 Crooks
Brinston Park - 2262 Brinston
Firefighters Park - 1800 W Square Lake
Jaycee Park - 1755 E Long Lake
Raintree Park - 3775 John R
Sylvan Glen Lake Park - 5501 Rochester
Daisy Knight Dog Park - 3410 Livernois

Please go over these materials at your leisure. If you have any questions, or if you wish, we can set up a time to get together to go over everything in detail.

Very truly yours,

Steve Vansteel, SET

Fire & Security Consultant/Engineer
Senior Engineering Technician
N.I.C.E.T. Level IV - Certification # 87851
National Institute For Certification In Engineering Technologies
Fire Protection Engineering Technology/Fire Alarm Systems/IV

PROPOSAL

AIR TEMPERATURE ALERT WITH CENTRAL STATION MONITORING

Overview-	Furnish and install the equipment and materials below in each remote city park building. Once the lower threshold <u>preset</u> limit of 45 degrees has been reached and maintained for 10 minutes, the system will activate and provide both an on premise alert on the system keypad and transmit this event by way of cellular radio to the central station for call list notification.
Control Panel-	(1) DMP, XT-50 alarm control panel.
Standby Power-	(1) Yuasa, 12VDC 7a/h battery.
Keypad-	(1) DMP, Touch screen keypad installed adjacent the control panel location.
Radio-	(1) DMP, Radio cellular communication transmitter
Siren-	No siren at this time.
Wireless Receiver-	(1) DMP, Wireless high powered receiver module installed in or at the control panel location.
Temperature Sensor-	(3) DMP, Wireless temperature sensors for the following location(s). (1) Control panel (1) Women's restroom (1) Men's restroom
Miscellaneous-	Wiring and installation materials System programming and testing checkout Provide seminar of system operation

INSTALLED (each building)	\$	1,895.00
Monthly central station radio monitoring (each building)	\$	42.50

Please read and understand all proposal notes listed at the end of the proposal.

OPTIONAL PROTECTION

Option # 1

Virtual Keypad Remote Interactive Services



Overview-

In today's digital era, it has become increasingly important to utilize technological advancements to ease the use of your alarm system. DMP's new Virtual Keypad™ Remote Services solutions actually pave the way for you to do this with your smart phone or computer.

With Virtual Keypad, you can take advantage of all the amazing benefits next-generation digital technology has to offer - including enhanced communication and the ability to stay connected to your homes and businesses from anywhere in the world.

By logging on to a secure website, you can with the proper plan:

Control (arm, disarm, bypass, add or change alarm codes) your security system via a virtual keypad using any internet browser on a PC or via SMS on a smart phone or cell phone.

Receive important e-mail notifications (alarms, troubles, arms / disarms and by who) via cell phone, laptop, or any other web-enabled smart phone

Administrate user codes on your system

This feature can be added to your existing Virtual Keypad account you have for Troy Historic Village to provide smart-phone notification and system control.

The remote services listed below are in addition to the central station monitoring fee.

Virtual Keypad App (Base price per month, per building)

\$ 10.00

Option # 2

Intrusion Alarm

Overview-

At any time, additional alarm detection devices can be added to any installed system / building listed in this proposal to provide Intrusion Detection. An additional survey would need to be performed so that a proper proposal can be written and delivered to you for review.

PROPOSAL NOTES:

1.

This proposal is valid for ninety (90) days and includes the specified materials and labor for our specified services based upon information provided to Vigilante Security, Inc. If changes are necessary, including additional quantities or devices, this proposal will be modified accordingly. Any additional pass-through charges that may be incurred, including, but not limited to sales tax, permit fees and/or municipal testing will be reflected on your invoice. The entire installation, including parts and labor provided by Vigilante Security, is warranted for one year from date of installation.

2.

Our non-union labor involvement in the installation of the system proposed above has been determined by our standard Monday through Friday 8:00am to 4:30pm rates, should you desire the installation to be performed during hours outside our standard work schedule, additional fees would be required and should be discussed prior to proposal acceptance.

3.

This proposal does NOT contain any option for municipal involvement on our part. Should municipal plan engineering, submittal or permitting be required or desired, a electronic cad file in the DWG format of the most recent floor plan (s) of the property would be necessary to perform these services as an additional cost. These required files to be delivered without any associated fees for our use. Additional fees would become necessary or our rejection to honor this proposal should these files be unavailable. Municipal fees for plan review, permits or inspections are NOT included.

4.

A dedicated electrical circuit with locked beaker is suggested but a single available electrical receptacle to be provided at control panel location at no expense to Vigilante Security.

5.

Installation and/or Monitoring Agreement will be created and delivered electronically through "DocuSign" for your review and signature endorsement. These agreements must be executed and returned along with the required deposit of 30% of the accepted sale or installation amount prior to the start of any engineering, submittal or preparation of work. Another 30% will be required upon commencement of installation, with the final balance due upon completion, or prior to any municipal acceptance test. Deposits, progress and final payments must be via checking account ACH, or check. Credit card payments for installations will be assessed a 4% processing fee. All recurring monitoring charges must be paid by automatic pre-approved payment either as a checking account ACH or by credit card.