

**VILLAGE OF VERNON HILLS  
ORDINANCE 2022-086**

**AN ORDINANCE AUTHORIZING APPROVAL OF EXPENDITURES TO LIGHTNING PREDICTION SERVICES, LLC FOR THE PURCHASE OF THOR GUARD LIGHTNING PREDICTION AND WARNING EQUIPMENT FOR AN AMOUNT NOT TO EXCEED \$37,000**

**WHEREAS**, the Village of Vernon Hills, County of Lake, State of Illinois (“the Village”) is a duly organized and existing municipality and unit of local government created under the provisions of the laws of the State of Illinois, and is operating under the provisions of the Illinois Municipal Code; and

**WHEREAS**, the Village of Vernon Hills maintains several municipal buildings and equipment; including the Thor Guard Lightning Prediction System; and

**WHEREAS**, the Village has utilized Thor Guard Lightning Prediction and Warning equipment for many years as a source to warn golfers at the Municipal Golf Course of predicted lightning in the area before a lightning strike occurs; and

**WHEREAS**, the Village’s existing 2004 Thor Guard equipment has failed and there are no longer parts and software available that supports the 1<sup>st</sup> generation system; and

**WHEREAS**, Staff received a proposal from Lightning Prediction Services, LLC to replace said equipment with their 3<sup>rd</sup> generation system for an amount of \$34,545; and a contingency of \$2,455 will be available for any unanticipated expenditures based on a field site visit; and

**WHEREAS**, the purchase will include one Thor Guard Unit, Software, Processor, Solar Panel, LED Strobe Light, Mounts, and Battery Backup; and

**WHEREAS**, Staff has found that Lightning Prediction Services, LLC specializes in the type of lightning prediction equipment and software that is most beneficial for the Village; providing advance warnings of potential lightning verses after-the-fact alerts of a lightning strike; and

**WHEREAS**, staff was pleased with the performance of the previous Thor Guard equipment and recommends that the Village Board authorize the purchase of new Thor Guard Lightning Prediction and Warning equipment from Lightning Prediction Services, LLC for an amount not to exceed \$37,000; and

**WHEREAS**, all purchases over \$25,000 require Board of Trustee approval.

**NOW THEREFORE BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF VERNON HILLS, LAKE COUNTY, ILLINOIS, AS FOLLOWS:**

**SECTION 1: EXECUTION OF AGREEMENT:** The Village Manager is hereby authorized to execute all documents required with Lightning Prediction Services, LLC to

purchase new Thor Guard Lightning Prediction and Warning Equipment for an amount not to exceed \$37,000.

**SECTION 2: AUTHORIZATION & RELEASE OF PAYMENT:**

The Finance Director is hereby authorized to make the necessary budget transfer and make payments to Lightning Prediction Services, LLC for an amount not to exceed \$37,000.

**SECTION 3: EFFECTIVE DATE:** This Ordinance shall be in full force and effect from its passage and approval.

**SECTION 4: ORDINANCE NUMBER:** This Ordinance shall be known as Ordinance Number 2022-086.

Dated the 5th of July, 2022

Adopted by roll call votes as follows:

AYES: 5 – Schenk, Forster, Oppenheim, Koch, Takaoka

NAYS: 0 – None

ABSENT AND NOT VOTING: 2 – Byrne, Marquardt

  
\_\_\_\_\_  
Thom Koch Jr., Chairman Pro Tem

PASSED: 07/05/2022  
APPROVED: 07/05/2022  
ATTEST: 07/05/2022

  
\_\_\_\_\_  
Kevin Timony, Village Clerk



VILLAGE OF VERNON HILLS

ORDINANCE NO. 2022-086

AN ORDINANCE AUTHORIZING APPROVAL OF EXPENDITURES TO LIGHTNING  
PREDICTION SERVICES, LLC FOR THE PURCHASE OF THOR GUARD LIGHTNING  
PREDICTION AND WARNING EQUIPMENT FOR AN AMOUNT NOT TO EXCEED  
\$37,000

THE 5<sup>th</sup> DAY OF JULY 2022

Published in pamphlet form by the Authority of the  
President and Board of Trustees of the Village of  
Vernon Hills, Lake County, Illinois, this  
5<sup>th</sup> day of July, 2022



AFFIDAVIT OF SERVICE

STATE OF ILLINOIS     )  
                                          )  
COUNTY OF LAKE        )

I, KEVIN TIMONY, BEING FIRST DULY APPOINTED, DEPOSES AND SAYS ON OATH THAT AS VILLAGE CLERK OF THE VILLAGE OF VERNON HILLS, HE DID CAUSE THE FOREGOING CERTIFICATE FOR ORDINANCE NO. 2022-086 AN ORDINANCE AUTHORIZING APPROVAL OF EXPENDITURES TO LIGHTNING PREDICTION SERVICES, LLC FOR THE PURCHASE OF THOR GUARD LIGHTNING PREDICTION AND WARNING EQUIPMENT FOR AN AMOUNT NOT TO EXCEED \$37,000 TO BE POSTED IN THE VILLAGE HALL AS REQUIRED BY LAW FROM JULY 5, 2022 TO JULY 15, 2022.

  
\_\_\_\_\_  
Kevin Timony, Village Clerk

SUBSCRIBED AND SWORN TO BEFORE  
THIS 7<sup>th</sup> DAY OF JUNE 2022

  
\_\_\_\_\_  
Notary Public



AFFIDAVIT OF SERVICE

STATE OF ILLINOIS     )  
                                          )  
COUNTY OF LAKE     )

I, KEVIN TIMONY, BEING FIRST DULY APPOINTED, DEPOSES AND SAYS ON OATH THAT AS VILLAGE CLERK OF THE VILLAGE OF VERNON HILLS, HE DID CAUSE THE FOREGOING CERTIFICATE FOR ORDINANCE NO. 2022-086 AN ORDINANCE AUTHORIZING APPROVAL OF EXPENDITURES TO LIGHTNING PREDICTION SERVICES, LLC FOR THE PURCHASE OF THOR GUARD LIGHTNING PREDICTION AND WARNING EQUIPMENT FOR AN AMOUNT NOT TO EXCEED \$37,000 TO BE POSTED IN THE VILLAGE HALL AS REQUIRED BY LAW FROM JULY 5, 2022 TO JULY 15, 2022.

  
\_\_\_\_\_  
Kevin Timony, Village Clerk

SUBSCRIBED AND SWORN TO BEFORE  
THIS 5<sup>th</sup> DAY OF JULY 2022

  
\_\_\_\_\_  
Notary Public

