

DISTRICT #All

**VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda**

 X Resolution or Ordinance (Blue) _____ Waiver of First Requested
 Recommendations of Boards, Commissions & Committees (Green)
 Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: Scott Niehaus, Village Manager

DATE: November 13, 2015 (COW) (B of T) **Date:** December 3, 2015

TITLE: Asset Management Software
 Cartograph Contract (3 year agreement)

SUBMITTED BY: David Gorman, P.E., Assistant Director of Public Works *DG*

BACKGROUND/POLICY IMPLICATIONS:

Purchase of an Asset Management software program to map, catalog and analyze Village infrastructure assets. The software also has a work order service request component that will be a much more effective and efficient system than is currently being utilized.

FISCAL IMPACT/FUNDING SOURCE:

| Total Contract Amount | Current CIP Programmed Amount |
|-------------------------------|-------------------------------|
| Year 1: (FY 2016) \$59,857.25 | \$60,000.00 |
| Year 2: (FY 2017) \$38,057.25 | \$45,000.00 |
| Year 3: (FY 2018) \$38,057.25 | \$50,000.00 |

Account#: 520.790.715.73910

Project Number: RM Prog 28

Review (as necessary):

Village Attorney X _____ Date _____
 Finance Director X _____ Date _____
 Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



To: Scott Niehaus, Village Manager
 Through: Carl S. Goldsmith, Director of Public Works *CS*
 From: David Gorman, P.E., Assistant Director of Public Works *DGK*
 Date: November 13, 2015
 Subject: Asset Management Software
 Cartegraph Contract (3 year agreement)

Attached please find a resolution and contract (including the fee schedule) for Cartegraph Systems Inc. (Cartegraph) regarding a three year agreement covering the purchase, installation, training and support for an Asset Management System software program.

BACKGROUND

To supplement the existing Geographic Information System (GIS) beyond making maps and illustrations, Public Works is seeking to take GIS to the next level by enabling users to not only visualize assets but to also be able to catalog and analyze those assets. The way to integrate this “data loop” of information is through an asset management system (AMS). The integration of spatial information into a record-based system will enable staff to analyze the infrastructure network by incorporating existing spatial relationships of a particular asset or group of assets with data about those assets. The amalgamation of AMS with GIS will improve customer service, engineering, finance and operations. AMS will enable Public Works to enhance its ability to plan, design, construct, operate and maintain the Village’s infrastructure. The software has a service/work order component which will be able to track internal work and costs as well as address resident inquiries/requests much more effectively.

VENDOR QUALIFICATIONS & BACKGROUND

Public Works researched various asset management software systems. Staff examined the Internet, trade publications, viewed various demonstrations and had various discussions with other Public Works professionals. A list of twelve potential vendors was assembled. A detailed questionnaire was sent to each vendor. Nine vendors returned a completed questionnaire. Based on staff and administration evaluations, three vendors were chosen to make in-depth presentations that exhibited the software’s capability and operation. Cartegraph was chosen as the top rated software. Cartegraph supplies and supports a work and asset management software program that is specifically designed to address the needs of Public Works. Cartegraph recently produced a web based software solution called Operations Management System (OMS). The key aspect of OMS is the emphasis on efficiency and usability. OMS will enable Public Works to manage all assets that are assigned to the Department. This includes management of labor, equipment, material and activities related to internal and external work requests. The Villages of Glen Ellyn and Homewood currently utilize Cartegraph OMS software.

RECOMMENDATION

Staff recommends the purchase of a three year base subscription to Cartegraph OMS. The base fee includes; the software, cloud based hosting, 50 user licenses and advanced analytical features. Cartegraph will provide unlimited toll free phone and online support for the software. Online training and tutorial videos are also included in the base fee. The base fee is \$38,057.25. Year one also includes set-up of the software, consulting services related to the Village’s use of OMS, extensive training for all staff and “go-live” support during implementation.

In year one, staff also requested that Cartegraph integrate eleven asset modules for a service fee of \$21,800, for a year one total fee of (\$38,057.25+\$21,800.00) \$59,857.25. Modules included are Trees (Forestry), Sewer Manholes, Storm Manholes, Sewer Pumps and Water Pumps. Pending staff's time and proficiency with the new software, the following modules are pending; Pavement Marking, Pavement, Parking Lots Traffic Signs and Sign Supports. Other modules will be substituted for implementation if in-house staff can install the above mentioned modules.

The terms of the contract, including scope and fee were negotiated and agreed to by both parties. The work will be performed for a yearly not-to-exceed fee as listed below:

| Year | Fee |
|--------------|---------------------|
| 2016 | \$59,857.25 |
| 2017 | \$38,057.25 |
| 2018 | \$38,057.25 |
| Total | \$135,971.75 |

The software will be paid for using the Water and Sewer Capital Reserve Fund.

Please present this agreement and resolution to the President and Board of Trustees for their review at their regular meeting of December 3, 2015. If approved, please return one original signed copy to Public Works-Engineering for further processing.

DG/rgs

RESOLUTION
R___15

A RESOLUTION AUTHORIZING SIGNATURE OF
PRESIDENT AND CLERK ON AN AGREEMENT

WHEREAS, the Corporate Authorities of the Village of Lombard have received a proposal and an Agreement from Cartegraph Systems, Inc., as attached hereto and marked Exhibit "A"; and

WHEREAS, the Corporate Authorities deem it to be in the best interest of the Village of Lombard to approve such agreement;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

SECTION 1: That the Village President be and hereby is authorized to sign on behalf of the Village of Lombard said agreement as attached hereto.

SECTION 2: That the Village Clerk be and hereby is authorized to attest said agreement as attached hereto.

Adopted this 3rd day of December 2015.

Ayes: _____

Nays: _____

Absent: _____

Adopted this 3rd day of December 2015.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk

APPROVAL AS TO FORM:

Thomas P. Bayer
Village Attorney

This Cartegraph Master ("Agreement") is by and between **Cartegraph Systems, Inc.**, an Iowa corporation, licensed to do business in Illinois, having its principal place of business at **3600 Digital Drive, Dubuque, Iowa, 52003** ("Cartegraph"), and **Village of Lombard** ("Customer") with an address of **255 E. Wilson Avenue, Lombard, IL 60148** dated **October 21, 2015**. **Cartegraph and Customer are sometimes referred to herein individually as a "Party" and collectively as the "Parties."**

This Agreement is intended to serve as the primary controlling agreement between the Parties. This Agreement includes the following terms and conditions, as well as all Exhibits and Addendums to this Agreement, Purchase Agreements, and all other future agreements referencing this Agreement which Cartegraph and Customer may execute from time to time for the purchase of Software, Support, Services and Hosting. Collectively these are referred to as "Products". The terms and conditions herein provided shall be controlling as between Cartegraph and Customer unless specifically superseded by an Exhibit to this Agreement, a contemporaneously or subsequently executed Purchase Agreement, or any other contemporaneously or subsequently executed agreement specifically referencing this Agreement.

BY EXECUTING THIS AGREEMENT, CUSTOMER ACKNOWLEDGES THAT IT HAS REVIEWED THE TERMS AND CONDITIONS ON THE FOLLOWING PAGES IN ADDITION TO ANY EXHIBITS AND PURCHASE AGREEMENTS AND CUSTOMER AGREES TO BE LEGALLY BOUND BY EACH SUCH AGREEMENT.

Cartegraph Systems, Inc.

By 
(Signature)

Randy L. Skemp
(Type or print name)

Title Executive Vice President/CRO

Date 10/26/2015

Village of Lombard

By _____
(Signature)

Keith Giagnorio
(Type or print name)

Title Village President

Date _____

The following are the terms and conditions under which Cartegraph licenses its Software and provides Support, Services and Hosting as listed in the Exhibits and Purchase Agreements referencing this Agreement.

1. Grant of License to Software.

- A. Cartegraph is licensed by third Parties ("Third Party Licensors") to sublicense certain third party software products to Customer and to offer services to Customer for these third party software products under this Agreement.
- B. Each Software product, including all data programs or set of programs, or routines and subroutines, consisting of a series of instructions or statements in machine readable form, and including any documentation relating to or describing such Software, such as, but not limited to manuals, online documentation and user instructions, flow charts, database schemas and improvements or updates provided by Cartegraph (collectively "Software"), is furnished to Customer under a personal, non-exclusive, nontransferable limited license solely for Customer's own internal use on Host Computer System (as defined below) and with Customer's Clients.
 - 1. Host Computer Systems, if applicable, are Servers owned or controlled by Cartegraph that Customer may access under this Agreement (the provision of this service is herein referred to as "Hosted" or "Hosting").
 - 2. Servers are personal computers, minicomputers, mainframes, workstations, and terminal devices that interact with Client Software and have been approved by Cartegraph or Third Party Licensors for operation of Software.
 - 3. Server Software is a copy of Software residing on a server, multiple servers, or a Host Computer System.
 - 4. Clients are personal computers, minicomputers, mainframes, workstations, mobile devices, and terminal devices that interact with Server Software and have been approved by Cartegraph or Third Party Licensors for operation of Software.
 - 5. Client Software is a copy of Software residing on a Client that interacts with Server Software.
 - 6. Data Files are those files which contain data that is input by the Customer during the use of the Software.
- C. Customer agrees that the number of users licensed will be listed in the Purchase Agreement and only that number of users may use the Software at any given time.
 - 1. If Customer has purchased a Per-User License, as indicated in the Purchase Agreement, only a finite number of licenses have been purchased by Customer and only that finite number of users may access and use the Software at any given time. The specific number of licenses purchased shall be identified in the Purchase Agreement.
 - 2. If Customer has purchased an Unlimited License, as indicated in the Purchase Agreement, all employees of Customer are considered to be licensed to access and use the Software at any given time. Such Unlimited License applies only to employees of Customer and does not allow the access or use of the Software by any independent contractors, affiliated entities or organizations, or any other individual, party, or entity that is not an employee of Customer.
- D. Customer agrees the Software license for the Software is limited as follows:
 - 1. Browser Based User – Each browser based user is defined by unique ID and password.
 - 2. For Server Software – one copy of Server Software for each Server or, if Hosted, no copies of Server Software for a Server that is not a Host Computer System.
- E. Customer agrees that this license does not permit Customer to: (1) use the Software for a service bureau application or (2) sublicense the Software.
- F. Except as set forth in this Agreement or as may be permitted in writing by Third Party Licensors, Customer shall not use, provide or otherwise make available the Software or any part or copies thereof to any third party.
- G. Customer shall not, and shall not permit others to:
 - 1. Reverse engineer, decompile, decode, decrypt, disassemble, or in any way derive source code from the Software;
 - 2. Modify, translate, adapt, alter, or create derivative works from the Software;
 - 3. Copy, (other than one back-up copy), distribute, publicly display, transmit, sell, rent, lease or otherwise exploit the Software; or
 - 4. Distribute, sublicense, rent, lease, loan (or grant any third party access to or use of) the Software to any third party.
- H. Customer may make copies of the Client Software for archival purposes. The Server Software may not be copied, in whole or in part.

2. Title to Software and Data Files.

- A. Ownership of the Software, any portions thereof and any modifications, translations, or derivatives thereof, even if unauthorized, remains with Cartegraph or Third Party Licensors, as do all applicable rights in patents, copyrights and trade secrets and any other proprietary rights in the Software. Software provided hereunder is valuable, proprietary and unique, and Customer agrees to be bound by and observe the proprietary nature thereof as provided herein.
- B. Customer acknowledges that unauthorized reproduction, use, or disclosure of the Software or any part thereof may cause irreparable injury to Cartegraph or Third Party Licensors, who may therefore be entitled to injunctive relief to enforce these license restrictions, in addition to any other remedies available at law, in equity, or under this Agreement.
- C. Customer agrees that Cartegraph or Third Party Licensors may audit Customer's Software usage remotely or on-site during Support, Services or Hosting or upon reasonable notice and during standard business hours. Prevention of audit by Customer may be grounds for termination of this Agreement.
- D. Cartegraph agrees that ownership of data in Data Files remains with Customer. However, Customer agrees that Cartegraph may access Data Files and grants Cartegraph a license to use the data for internal business purposes to evaluate the use and operation of the Software, Support, Services or Hosting.

3. License Fees, Support Charges, Services and Hosting Charges.

- A. Customer agrees to pay the license fees for the Software, Support charges, Services charges and Hosting charges as set forth in the Purchase Agreement for each Product.
- B. Cartegraph agrees that the total amount listed in the Purchase Agreement shall be considered the not-to-exceed price for the Software, Support, Services and Hosting included in that Purchase Agreement. Hosting includes 20G of available file storage. If additional storage is required, the Customer can purchase in 10G increments
- C. Customer agrees that all payments are due in accordance with the Illinois Local Government Prompt Payment Act, 50 ILCS 505/1 et seq. and Customer shall be in default if amounts due have not been received in the time period as required thereunder. Customer's default will constitute sufficient cause for Cartegraph to suspend or terminate the Software license, Support, Services and Hosting under this Agreement.
- D. Customer shall be invoiced for Software, Support, Hosting and hardware upon delivery. Customer shall be invoiced for Services as set forth in the Purchase Agreement.
- E. Customer shall reimburse Cartegraph for reasonable expenses incurred during the provision of Support, Services or Hosting. Reasonable expenses include, but are not limited to, travel, lodging, and meals. Expenses are billed based on actual costs incurred. Estimated expenses shall be included in each Purchase Agreement and include the number of trips to customer site. Cartegraph shall not exceed the estimated expenses without written approval from Customer.

4. Delivery and Installation.

A. On-Site Installation

- 1. This subsection "A" regarding On-Site Installation shall apply if Customer elects, as indicated in the Purchase Agreement, to have Software and Products installed on Customer's Servers and Client computers at Customer's facilities ("On-Site") instead of utilizing Cartegraph Hosting Services.
 - a. Execution of a Purchase Agreement by Customer shall be considered as Customer's notification to Cartegraph to proceed with delivery of the Products identified in the Purchase Agreement.
 - b. Delivery of Software and Support shall take place reasonably quickly after execution of the Purchase Agreement. Cartegraph shall provide access to the Software to Customer in a downloadable form. Notification by Cartegraph that Software is available for download shall constitute delivery of Software and Support, regardless of when Customer downloads the Software.
 - c. Customer shall be responsible for installation of the Client Software on Customer's Clients, unless agreed otherwise.
 - d. After execution of the Purchase Agreement, delivery of Services will be scheduled in cooperation with Customer. Customer shall remain responsible for Service charges even if Services are not delivered.
 - e. Any hardware included in the Purchase Agreement shall be ordered after execution of the Purchase Agreement. Delivery of hardware will be scheduled in cooperation with Customer.

B. Hosting

- 1. This subsection "B" regarding Hosting shall apply if Customer elects, as indicated in the Purchase Agreement, to utilize the Hosting services offered by Cartegraph instead of having the Software installed On-Site, as described in the previous subsection.
 - a. Execution of a Purchase Agreement shall be considered as Customer's notification to Cartegraph to proceed with delivery of the Software and Services as indicated in the Purchase Agreement.

- b. Delivery of Software, Support, and Hosting shall take place within 30 days after execution of the Purchase Agreement. Cartegraph shall provide access to the Server Software to Customer on a Host Computer System. Notification by Cartegraph that Server Software is available for access shall constitute delivery of Server Software, Support and Hosting, regardless of when Customer first accesses the Server Software.
- c. Cartegraph shall be responsible for installation of the Server Software on Cartegraph's Host Computer System. Customer shall be responsible for installation of the Client Software on Customer's Clients, unless agreed otherwise.
- d. After execution of the Purchase Agreement, delivery of Services will be scheduled in cooperation with Customer.
- e. Any hardware included in the Purchase Agreement shall be ordered after execution of the Purchase Agreement. Delivery of hardware will be scheduled in cooperation with Customer.

2. Hosting Services

- a. Cartegraph will install, and operate Server Software on one or more Host Computer Systems.
- b. Cartegraph will provide all equipment, software and services necessary for the operation, maintenance and support of one or more Host Computer Systems and the Server Software. Cartegraph may contract with third Parties for all or part of such equipment, software and services ("Third Party Hosts"). Cartegraph reserves the right to change the configuration of the Host Computer System and the Server Software and to change or delete such equipment or software at any time, but Cartegraph shall make the Software compatible with such change or deletion without additional charge to Customer.
- c. Customer shall have access to and be permitted to use the Server Software via Clients.
- d. Customer shall provide a computing and networking environment that meets the minimum requirements set forth in Cartegraph's published specifications.
- e. Customer shall be responsible for all bandwidth between Host Computer System and Clients and in such amounts as to provide reasonable responsiveness of the system.
- f. Cartegraph shall perform a full back-up of data files on a daily basis. The daily full back-up will be retained for (14) fourteen days and then deleted unless customer contracts for additional days. Cartegraph's hosting services uses RAID 10 which both mirrors the data and stripes across multiple drives creating redundancy. Cartegraph hosting services have dual redundancy with offsite back-up storage and a back-up data centers
- g. The Host Computer System shall be used by Customer only for purposes relating to Customer's own use of the Software. Customer shall have no right to assign any of its rights under this section.
- h. Customer agrees that it shall be bound by the terms and conditions of any agreement between Cartegraph and any Third Party Hosts that relate to the use and operation of Host Computer Systems. Cartegraph will apprise Customer of the terms and conditions of such agreements from time to time.
- i. Cartegraph will take all commercially reasonable precautions to guard against unauthorized access to Data Files.
- j. Customer shall have the right to receive Data Files within thirty (30) days of termination of any Hosting on the condition that Customer has paid all outstanding invoices owed to Cartegraph.

3. Availability of Host Computer System.

- a. If Cartegraph contracts with a Third Party Host to provide Hosting, the service level provided by the Third Party Host shall be the service level provided by Cartegraph to Customer, except as required for Cartegraph to provide Support under this Agreement.
- b. In general, Server Software will be available for use and access by Customer 24 hours a day, 7 days a week, except for scheduled maintenance to take place at commercially reasonable times. Furthermore, if access to the Server Software becomes a problem, then Cartegraph shall provide Support in view of the severity of the problem.
- c. Server Software will be available for use and access by Customer during back-up activities performed by Cartegraph.

5. Support.

- A. **Scope of Support.** Support includes the response to and resolution of Customer-encountered problems with the Software as reported to Cartegraph by Customer.

1. Resolution of Customer-encountered problems shall, at Cartegraph's option, consist of (1) maintenance provided through telephone, email or remote access; (2) correction of the problem in the Software program; or (3) delivery of bug fixes or workarounds limited to the current or immediate prior Software release.
 2. Cartegraph will only support licensed Software located on Servers or Clients. Cartegraph will use commercially reasonable efforts to respond to Customer problems according to the priority level of the problem.
 3. Support shall also include upgrades to Software.
- B. Support Limitations. Any Support is dependent upon the use by Customer of unmodified Software (except as authorized by Cartegraph) operated in accordance with Cartegraph's documentation. Support specifically excludes the following: (1) Support to a version of Software other than the current or immediate prior release; (2) efforts to restore a release of the Software beyond the current or immediate prior release; (3) efforts to restore a Customer Data File beyond the most recent back-up; and (4) efforts to convert a Customer Data File to another format.

As part of Support, Cartegraph is under no obligation to modify the Software so that the modified Software would depart from Cartegraph's published specifications for the Software.

6. Professional Services.

- A. The professional consulting services and deliverables to be performed or delivered by Cartegraph under this Agreement shall include, but are not limited to: consulting, network engineering, systems integration, hardware installation, special studies, pre-installation support, installation of Client Software, installation support, training, custom Software modification, tools/utilities components, programming and documentation, data conversion, application design and development, systems analysis and design, conversions, implementing planning and implementation of the Software (collectively referred to as the "Services").
- B. Services shall only be provided as the result of a Purchase Agreement and any attached statements of work.
- C. Services will be provided during the hours of 7:00 a.m. to 7:00 p.m., Central Standard or Central Daylight Time, whichever is applicable, Monday through Friday excluding holidays.

7. Customer's Responsibilities.

- A. Customer is responsible for maintenance and installation of any Clients, common carrier equipment or communication equipment related to the operation of the Software and not furnished by Cartegraph. Before Customer introduces equipment not within Cartegraph's published specification, Cartegraph must approve the additional equipment.
- B. Customer is responsible for charges incurred for communication facilities at Customer's facilities, whether incurred by Customer or by Cartegraph Support representatives while performing Support on the Software.
- C. Customer is responsible for performing Software back-ups in accordance with published documentation.
- D. Customer shall notify Cartegraph of any problem and shall allow Cartegraph reasonable access to the Software for performing Support, Services or Hosting.
- E. Customer shall furnish Cartegraph, at Customer's expense, all technical data and information as may be necessary to furnish Support, Services or Hosting.
- F. Customer shall grant Cartegraph access to Servers and Clients as may be necessary for the adequate delivery of the Support, Services or Hosting.

8. Software Modification. Cartegraph and Third Party Licensors will not be responsible to Customer for loss of use of the Software or data or for any other liabilities arising from alterations, additions, adjustments or repairs which are made to the Software by Customer or third Parties. Cartegraph reserves the right to terminate the Software license, Support, Services or Hosting under this Agreement upon written notice to Customer if any such alteration, addition, adjustment or repair adversely affects Cartegraph's ability to render Support, Services or Hosting.

9. Term.

- A. Unless terminated by Cartegraph in accordance with this Agreement, the term of the Software license, Support and Hosting shall begin upon the execution of a Purchase Agreement and shall continue for the period of time identified in that Purchase Agreement.
- B. Support for any subsequently added components or upgrades shall be either coterminous with the term of Support applicable to the Software initially covered or as otherwise agreed and stated in the Purchase Agreement.
- C. If Customer elects to purchase Services, then Services shall terminate as agreed in the appropriate Purchase Agreement.
- D. Unless otherwise stated in the most recently executed Purchase Agreement, this Agreement and the Purchase Agreement shall automatically renew at the then current rates for a one (1) year term beginning on the first day following the date identified in the Purchase Agreement as the end of the term of this Agreement. Such automatic

renewal shall continue after the end of each successive year until a new Purchase Agreement is executed or until Customer or Cartegraph terminate this Agreement as provided for herein.

- E. If this Agreement and the most recently executed Purchase Agreement are automatically renewed under the terms of the previous paragraph "D", there shall be an automatic increase of up to five percent (5%) annually to all prices that were in effect during the immediately previous term.
- F. If Customer wishes not to renew this Agreement, Customer must provide written notice of Customer's intent not to renew this Agreement at least ninety (90) days prior to the end of the term then in effect.
- G. Notwithstanding anything to the contrary in this Section, Support, Services and Hosting shall terminate immediately upon termination of this Agreement.

10. Termination.

- A. Notwithstanding the foregoing, Cartegraph shall have the right to terminate this Agreement if Customer fails to pay any and all required Software license fees, Support charges, Services charges, Hosting charges or otherwise fails to comply with this Agreement or the terms and conditions of any applicable Third Party Licensor agreement.
- B. Upon expiration of the Software license term or upon notice of such termination, Customer shall immediately return or destroy the Software and all portions and copies thereof as directed by Cartegraph or Third Party Licensors and, if requested by Cartegraph or Third Party Licensors, shall certify in writing as to the destruction or return of the same.
- C. Any termination of this Agreement shall automatically terminate Support, Services and Hosting provided under any Purchase Agreement or Statements of Work, unless otherwise agreed. All confidentiality and non-disclosure obligations shall survive any such termination.
- D. Customer shall have the right to terminate this Agreement, according to the terms provided herein, by returning or destroying the Software and all portions and copies thereof and certifying in writing as to the destruction or return of the same.
- E. If Customer wishes to terminate this Agreement prior to the end of the term of this Agreement as identified above or in the appropriate Purchase Agreement, Customer must provide Cartegraph with written notice of such intent to terminate at least ninety (90) days prior to such termination. Any such termination by Customer shall subject Customer to the cancellation fee identified below, but only for a cancellation other than pursuant to Section 9.F above.
- F. If Customer terminates before the date set in the Purchase Agreement, Customer shall pay a cancellation fee equal to 80% of the remainder of the Software licensing fees, Support charges and Hosting charges due under this Agreement. There shall be no cancellation fee for Services not yet performed. However, no matter the reason, Customer's termination shall not relieve it of the obligation to pay any amounts already due under this Agreement.
- G. Provided however, if Customer is a governmental entity and Software, Support, Services or Hosting are not funded for future fiscal years under the appropriate legal budgeting process for such governmental entity, Customer may terminate for future fiscal years with the cancellation fee identified in the previous paragraph reduced from 80% to 20%. There shall be no cancellation fee for Services not yet performed. However, no matter the reason, Customer's termination shall not relieve it of the obligation to pay any amounts already due under this Agreement.
- H. Cartegraph shall have the right to terminate Hosting, if Hosting services are being provided, by giving at least ninety (90) days written notice that Cartegraph cannot meet its obligations of availability of the Host Computer System.
- I. In addition to the right of termination provided to Cartegraph under other sections of this Agreement, Cartegraph shall have the right to terminate the Software license, Support, Services and/or Hosting upon the occurrence of any of the following events:
 - 1. Customer's oldest invoice is ninety (90) days past due. Support hold will be initiated when customer's oldest invoice is sixty (60) days past due or,
 - 2. Subject to applicable law, the appointment of a receiver, trustee in bankruptcy or similar officer for the equity or assets of Customer, or
 - 3. There is an assignment of this Agreement without the prior written consent of Cartegraph.
- J. Termination shall not be Cartegraph's exclusive remedy and termination shall not adversely affect any claim for damages against Customer.

11. Limited Warranty.

- A. Cartegraph warrants that it has the right to sublicense the Software being licensed hereunder pursuant to the terms provided herein.
- B. Cartegraph warrants that the Software will conform to Cartegraph's published specifications until Support ends.

- C. Provided that the Software is used in a manner for which it was designed as set forth in the Software, Cartegraph's sole obligation and liability hereunder for the Software shall be to use commercially reasonable efforts to remedy any substantial non-conformance which is reported to Cartegraph. In the alternative, Cartegraph may refund amounts paid by Customer pursuant to Purchase Agreements for such Software products.
 - D. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NONINFRINGEMENT WITH RESPECT TO THE SOFTWARE LICENSED HEREUNDER.
 - E. SUPPORT, SERVICES AND HOSTING SET FORTH IN THIS AGREEMENT ARE IN LIEU OF ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SUPPORT, SERVICES AND HOSTING PROVIDED UNDER THIS AGREEMENT DO NOT ASSURE THE UNINTERRUPTED OPERATION OF THE SOFTWARE.
- 12. Limitation of Liability.** TO THE MAXIMUM EXTENT ALLOWED UNDER APPLICABLE LAW:
- A. IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OF DATA, HOWEVER ARISING, EVEN IF THAT PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES;
 - B. EXCEPT FOR DAMAGES RESULTING FROM BODILY INJURY OR PATENT OR COPYRIGHT INFRINGEMENT, AS DISCUSSED BELOW, IN NO EVENT SHALL THE MAXIMUM CUMULATIVE LIABILITY OF EITHER PARTY TO THE OTHER UNDER THIS AGREEMENT, UNDER ANY CAUSE OF ACTION OR THEORY OF LIABILITY, EXCEED THE AMOUNT PAID BY CUSTOMER TO CARTEGRAPH DURING THE TWELVE (12) MONTH PERIOD IMMEDIATELY PRECEDING THE EVENT GIVING CAUSE TO SUCH LIABILITY.
 - C. **IF CARTEGRAPH WILL PROVIDE SUPPORT OR SERVICES AT CUSTOMER'S LOCATION, LIABILITY OF CARTEGRAPH ARISING OUT OF BODILY INJURY, SHALL NOT IN ANY EVENT EXCEED THE LIMITS OF ITS INSURANCE COVERAGE.**
- 13. Insurance.** If Cartegraph will provide Support or Services at Customer's location, Cartegraph will carry commercial general liability insurance with a limit of \$1,000,000 per occurrence and a \$2,000,000 aggregate limit, business auto liability insurance with a limit of \$1,000,000 and workers compensation insurance with statutory coverage. Cartegraph agrees to hold harmless and defend Customer and its elected officials, officers, agents, and employees from bodily injury and property damage claims related to or caused by the intentional acts or negligence of Cartegraph or its officers, agents, employees or contractors.
- Additional Insured.** In addition, said insurance certificates shall list the Village and it's officers, agents and employees as additional insureds on all required insurance policies and shall provide that all insurance policies provided by Cartegraph shall be primary to any insurance policies maintained by the Village.
- 14. U.S. Government Restricted Rights.** The Software is commercial software and the Software is provided with restricted rights. Use, duplication or disclosure by the Government is subject to restrictions as set forth in paragraph (c)(1)(ii) of the Rights in Technical Data and Computer Software Clause at DFARS 252.227-7013 of subparagraphs (c)(1) and (2) of the Commercial Computer Software-Restricted Rights at 48 CFR 52.227-19, as applicable.
- 15. Employees and Conflicts of Interest.** This Agreement shall not prevent Cartegraph from performing similar services or restrict Cartegraph's use of the employees or contractors provided under this Agreement.
- 16. Proprietary Rights and Confidential Information of Cartegraph.**
- A. Certain information and materials supplied by Cartegraph with the Products, such as, without limitation, deliverables, manuals, diagrams, drawings, plans, flowcharts, software, technical processes and formulae, source codes, product designs, sales, costs and other unpublished financial information, product and business plans, usage rates, relationships, projects and data, are Cartegraph's or Third Party Licensors' confidential or proprietary trade secrets (the "Confidential Information"), with disclosure thereof putting Cartegraph at a competitive disadvantage and Cartegraph furnishes them solely to assist Customer in the installation, operation and use of Software. Customer must not reproduce, copy or disclose such Confidential Information except as is reasonable and necessary to properly use Software. Nothing herein shall restrict Customer from complying with its obligations under any law requiring disclosure, but Customer shall give Cartegraph five (5) days prior notice before any release of Confidential Information.
 - B. Customer acknowledges and agrees that Cartegraph or Third Party Licensors shall suffer irreparable injury not compensable by money damages and therefore shall not have an adequate remedy at law in the event of an unauthorized use of proprietary rights or an unauthorized use or disclosure of any Confidential Information in breach of the provisions of this Agreement. Accordingly, Cartegraph or Third Party Licensors shall be entitled to injunctive relief to prevent or curtail any such breach, threatened or actual. The foregoing shall be in addition and without prejudice to such rights that Cartegraph or Third Party Licensors may have at law or in equity.
- 17. Proprietary Information of Customer.**

- A. In order to provide Products under this Agreement, Customer may, from time to time, disclose to Cartegraph certain information respecting Customer's technical, financial, statistical and personnel data, (hereinafter "Information"). Any such Information which is submitted in writing to Cartegraph by the Customer and which is clearly and conspicuously marked as confidential shall be protected by Cartegraph against unauthorized disclosure by using the same degree of care and discretion that Cartegraph uses with similar Information which Cartegraph does not want disclosed to third Parties. However, Cartegraph shall not be required to protect Information which (a) is or becomes publicly available, (b) is already in Cartegraph's or its related companies' possession, (c) is independently developed by Cartegraph outside the scope of this Agreement, or (d) is rightfully obtained from third Parties. Cartegraph's obligations under this Section shall cease immediately upon return to Customer or destruction by Cartegraph of such Information.
- B. Cartegraph shall not be required to protect any ideas, concepts, know-how, or techniques relating to data, electronic document processing and image processing developed or resulting from the Information or the Services provided under this Agreement.

18. Infringement Indemnification.

- A. Cartegraph or Third Party Licensors will defend any action, suit or proceeding brought against Customer, if based on a claim that Products infringe any United States patent or copyright of any third party ("Intellectual Property") provided that Customer promptly notifies Cartegraph or Third Party Licensors immediately and gives Cartegraph or Third Party Licensors full authority, information and assistance for the action's defense. Cartegraph or Third Party Licensors will pay all damages and costs awarded therein against Customer, or its elected officials, officers, agents and employees, but shall not be responsible for any compromise made without its consent. Cartegraph or Third Party Licensors may, at any time it is concerned over the possibility of such an infringement, at its option and expense, replace or modify Products so that infringement will not exist. In the alternative, Cartegraph may remove a component of Products involved and refund to Customer the price as depreciated by an equal annual amount over five (5) years.
- B. Cartegraph and Third Party Licensors shall have no liability to Customer if any Intellectual Property infringement or claim thereof is based upon the use of Products in connection or in combination with equipment, devices, or software not supplied by Cartegraph or used in a manner not expressly authorized by this Agreement or in a manner for which Products were not designed, or if the claim of infringement would have been avoided but for Customer's use of software other than the latest, unmodified release of Software made available to Customer by Cartegraph.
- C. Customer shall indemnify and hold Cartegraph and Third Party Licensors harmless from any loss, cost or expense suffered or incurred in connection with any claim, suit or proceeding brought against Cartegraph or Third Party Licensors so far as it is based on a claim that the use, sale or licensing of any Products delivered hereunder and modified or altered or combined with any products, device, or software not supplied by Cartegraph hereunder constitutes an infringement because of such modification, alteration or combination.

19. Miscellaneous.

- A. Taxes. Customer shall pay all taxes, levies and similar governmental charges, however designated, and all liabilities with respect thereto which may be imposed by any jurisdiction, including, without limitation, customs, privilege, excise, sales, use, value-added and property taxes levied or based on gross revenue or operation of this Agreement, except those taxes based upon Cartegraph's net income.
- B. Relationship of the Parties: Cartegraph and Customer are independent of each other. This Agreement does not and is not intended to create in any way or manner or for any purpose an employee/employer relationship or a principal-agent relationship. Neither Party is authorized to enter into agreements for or on behalf of the other, to create any obligation or responsibility, express or implied, for or on behalf of the other, to accept payment of any obligation due or owed the other, or to accept service of process for the other. Cartegraph is an independent contractor, customarily engaged in the performance of similar services for other Parties.
- C. Attorney's Fees/Legal Proceedings: In the event of any litigation or other proceeding between the Parties relating to this Agreement, the prevailing Party shall be entitled to reasonable attorney's fees and other reasonable costs incurred in connection therewith and in pursuing collection, appeals and other relief to which that Party may be entitled.
- D. Export. Customer agrees that the Software, Support, Services and Hosting purchased hereunder will not be exported directly or indirectly, separately or as part of any system, without first obtaining a license from the U.S. Department of Commerce or any other appropriate agency of the U.S. Government, as required.
- E. Assignment. Customer may not assign, voluntarily or by operation of law, any of its rights or obligations in this Agreement except with Cartegraph's prior written consent. This Agreement will be binding on and inure to the benefit of the Parties hereto and their respective successors and permitted assigns.
- F. Waiver. The Parties' rights and remedies are separate and cumulative. Neither Party's waiver nor failure to exercise in any respect any right or remedy provided in this Agreement is a waiver of any future right or remedy hereunder.
- G. Force Majeure. If any cause beyond Cartegraph's reasonable control prevents Cartegraph from performing under this Agreement by a given date or time, Cartegraph's performance will be automatically postponed.

- H. Choice of Law. Cartegraph agrees that jurisdiction and venue are proper in the state where the Customer has its principal place of business and that the law of the state where the Customer has its principal place of business shall govern any litigation that results from this Agreement. Venue in regard to any litigation between the Parties in relation to or arising out of this Agreement shall be in DuPage County, Illinois (the Eighteenth Judicial Circuit Court).
- I. Severability. The invalidity of any provision of this Agreement will not affect the validity and binding effect of any other provision.
- J. Notice. Notices hereunder must be sent to the addresses on the face of this Agreement, or to such other addresses as specified by a notice complying with this provision. Notice is effective on the earlier of actual receipt or five (5) days after deposit in the mail. Notices in the form of a personal delivery, fax or email are acceptable, with any such notice being effective as of the date of the personal delivery, or as of the date of the fax or email. Notices must be sent to the attention of the person signing on behalf of the Party.
- K. Entire Agreement. This Agreement constitutes the entire agreement between the Parties on the subject matter hereof and supersedes all prior or contemporaneous agreements, negotiations, representations and proposals, written or oral between Cartegraph and Customer. This Agreement is not an acceptance of any conflicting terms and conditions and will prevail over any conflicting Customer's terms and conditions. Notwithstanding the foregoing, Customer agrees and acknowledges that the Software license(s) granted hereunder to Customer may be subject to additional terms and conditions of certain Third Party Licensors, which terms and conditions may be subject to change from time to time without notice at the sole discretion of such Third Party Licensors. A current copy of all such Third Party Licensor terms and conditions can be found at <http://www.cartegraph.com/privacy-policy/#third-party-licenses>.
- L. Amendment. Only a writing executed by authorized representatives of the Parties and referenced as an amendment to this Agreement may modify, supplement, or change this Agreement.
- M. Customer gives Cartegraph permission to use customer's organization name for promotional purposes, including, but not limited to, industry announcements, public press releases, and customer stories.

Purchase Agreement

Cartegraph is pleased to present this Purchase Agreement for the implementation of world class technology solutions. This Purchase Agreement is made and entered into between Village of Lombard (hereinafter referred to as “**Customer**” or “**Licensee**” and **Cartegraph Systems, Inc.** (hereinafter referred to as “**Cartegraph**”). This Purchase Agreement is intended to supplement, clarify, and amend the Cartegraph Master Agreement, hereinafter referred to as the “Master Agreement”, previously executed between **Cartegraph** and **Customer**. In the case that any terms or conditions provided in the Master Agreement differ from, are provided in more detail by, or are made irrelevant by the terms and conditions provided in this Purchase Agreement, the terms in this Purchase Agreement shall control. For all terms and conditions not addressed by this Purchase Agreement, the Master Agreement, #MA142 dated October 21, 2015 shall control.

| | |
|----------------------------------------------------------------------------------------|--------------------------|
| Customer Bill To: | Customer Ship To: |
| Ray Schwab Village of Lombard 255 E. Wilson Lombard, IL 60148 630-620-5979 | Same |

Investment Summary

Cartegraph’s proposed fees for this project are included in the summary below.

Date: October 21, 2015 **Purchase Agreement Expiration Date:** December 31, 2015 **Purchase Agreement No.:** #PA199

| | Purchase Type | Citizen/Qty. | Unit Price | Total Price |
|----------------------------------------|----------------------------------------------------------------------|--------------|-------------|--------------------|
| YEAR 1 2016 | | | | |
| SOFTWARE PRODUCTS | | | | |
| Cartegraph OMS – Platform - Enterprise | Per-citizen Subscription, Cartegraph Cloud Deployment | 43,165 | \$0.50 | \$21,582.50 |
| Cartegraph OMS – Hosting | Cartegraph Cloud Shared Hosting Subscription, Included in Enterprise | 1 | \$0.00 | \$0.00 |
| Cartegraph OMS Extension | Advanced Asset Management per-citizen Subscription | 43,165 | \$0.15 | \$6,474.75 |
| Cartegraph OMS Users | User Pack Subscription – 50 Named Users | 1 | \$10,000.00 | \$10,000.00 |
| FIELD SERVICES | | | | |
| Implementation Services | Fixed Fee Service | 1 | \$21,800.00 | \$21,800.00 |
| YEAR 1 SUB-TOTAL | | | | \$59,857.25 |
| YEAR 2 2017 | | | | |
| SOFTWARE PRODUCTS | | | | |
| Cartegraph OMS – Platform - Enterprise | Per-citizen Subscription, Cartegraph Cloud Deployment | 43,165 | \$0.50 | \$21,582.50 |
| Cartegraph OMS – Hosting | Cartegraph Cloud Shared Hosting Subscription, Included in Enterprise | 1 | \$0.00 | \$0.00 |
| Cartegraph OMS Extension | Advanced Asset Management per-citizen Subscription | 43,165 | \$0.15 | \$6,474.75 |
| Cartegraph OMS Users | User Pack Subscription – 50 Named Users | 1 | \$10,000.00 | \$10,000.00 |
| YEAR 2 SUB-TOTAL | | | | \$38,057.25 |

| YEAR 3 2018 | | | | |
|----------------------------------------|----------------------------------------------------------------------|--------|-------------|---------------------|
| SOFTWARE PRODUCTS | | | | |
| Cartegraph OMS – Platform - Enterprise | Per-citizen Subscription, Cartegraph Cloud Deployment | 43,165 | \$0.50 | \$21,582.50 |
| Cartegraph OMS – Hosting | Cartegraph Cloud Shared Hosting Subscription, Included in Enterprise | 1 | \$0.00 | \$0.00 |
| Cartegraph OMS Extension | Advanced Asset Management per-citizen Subscription | 43,165 | \$0.15 | \$6,474.75 |
| Cartegraph OMS Users | User Pack Subscription – 50 Named Users | 1 | \$10,000.00 | \$10,000.00 |
| YEAR 3 SUB-TOTAL | | | | \$38,057.25 |
| TOTAL COST (3-YEAR TERM) | | | | \$135,971.75 |

Payment Terms and Conditions

In consideration for the Services and Products provided by **Cartegraph** to **Customer**, **Customer** agrees to pay **Cartegraph** Software Costs and Professional Service Fees in U.S. Dollars as described below:

1. **Delivery:** Software Products shall be licensed upon acceptance of this Purchase Agreement. If applicable, Services will be scheduled and delivered upon your acceptance of this Purchase Agreement, which will be considered as your notification to proceed.
2. **Services Scheduling:** **Customer** agrees to work with **Cartegraph** to schedule Services in a timely manner. All undelivered Services shall expire 365 days from the signing of this Purchase Agreement.
3. **Software Invoicing:** The Software Subscription Licenses fee will be due in annual installments 15 days prior to the anniversary of the initial term as follows:
 - a. \$38,057.25 due January 15, 2016.
 - b. \$38,057.25 due January 15, 2017.
 - c. \$38,057.25 due January 15, 2018.

Dates are contingent upon Cartegraph enrolling in the Village's Electronic Fund Transfer program after execution of the contract. (Refer to <http://www.villageoflombard.org/4075/EFT-Payments-to-Vendors>)

4. **Field Services Invoicing:** Invoicing for the Field Services fee shall occur upon the acceptance of this Purchase Agreement and shall be invoiced as follows:
 - a. 25% on January 15, 2016.
 - b. 25% at the completion of the assessment/delivery, or April 15, 2016, whichever is sooner.
 - c. 25% at the completion of the test deployment, or May 15, 2016, whichever is sooner.
 - d. 25% at the completion productive deployment, or July 15, 2016, whichever is sooner.
5. **Expenses:** In providing the services included in this Purchase Agreement, **Cartegraph** shall be reimbursed for any reasonable out-of-pocket costs, including, but not limited to, travel, lodging, and meals. Out-of-pocket expenses are billed based on actual costs incurred and are due separately.
6. **Payment Terms:** All payments are due in accordance with the Illinois Local Government Prompt Payment Act, 50 ILCS 505/1 et seq.

BY EXECUTING THIS PURCHASE AGREEMENT, CUSTOMER ACKNOWLEDGES THAT IT HAS REVIEWED THE TERMS, CONDITIONS, FEES AND CHARGES PROVIDED HEREIN AND IN THE MASTER AGREEMENT, AS WELL AS ANY OTHER EXHIBITS TO THE MASTER AGREEMENT, AND CUSTOMER AGREES TO BE LEGALLY BOUND BY EACH SUCH AGREEMENT.

Cartegraph Systems, Inc.

By 
(Signature)

Randy L. Skemp
(Type or print name)

Title Executive Vice President/CRO

Date 10/26/2015

Village of Lombard

By _____
(Signature)

Keith Giagnorio
(Type or print name)

Title Village President

Date _____

Cartegraph Systems, Inc.

Addendum A - Software Products

Cartegraph hereby pledges to issue software licenses in the agreed upon quantities specified in your Investment Summary. The "Software," as defined in Master Agreement #MA142, dated October 21, 2015, consists of developed and supported technology products available from Cartegraph.

In addition to full access to Cartegraph licensed software, your organization will receive:

1. Support

a. *Campus – www.cartegraph.com/campus*

Our User Assistance area is a convenient and easily-shareable resource designed to help you and your co-workers better understand the functions and capabilities of your Cartegraph applications. Instantly access user tips, step-by-step guides, videos, and more.

b. *Dedicated, Unlimited, Toll-free Phone Support - 877.647.3050*

When questions need answers and difficulties arise, count on our industry-leading Support team to provide the guidance and assistance you need. Reach us as often as you need Monday-Friday, 7:00 am-7:00 pm CT.

c. *Secure, Live Remote Support*

If your challenge requires a more hands-on approach, we have the remote support tools to fix it. Let one of our Support Team members directly interact with your system to find a fast, effective solution.

2. Training & Education

a. *Convenient Online Resources*

All the information you need, one click away. Take advantage of online training opportunities, tutorial videos, upcoming event information, and more.

b. *Regional User Groups*

Meet and network with similar Cartegraph users in your region. Our smaller, more personalized User Groups allow you to find out what other organizations are doing to get more from their Cartegraph Systems.

3. Software Releases & Upgrades

a. *New Software Releases*

Be the first to know about all new Cartegraph releases, enhancements, and upgrades. Gain immediate access to the latest features and functionality, and increased system performance.

b. *Hot Fixes*

If an issue is determined to be a software defect and falls outside the standard release cycle, Cartegraph will issue a hot fix and provide application specialists with detailed levels of product knowledge to work with you in achieving a timely and effective resolution.

BY EXECUTING THIS PURCHASE AGREEMENT, CUSTOMER ACKNOWLEDGES THAT IT HAS REVIEWED THE TERMS, CONDITIONS, FEES AND CHARGES PROVIDED HEREIN AND IN THE MASTER AGREEMENT, AS WELL AS ANY OTHER EXHIBITS TO THE MASTER AGREEMENT, AND CUSTOMER AGREES TO BE LEGALLY BOUND BY EACH SUCH AGREEMENT. IF CUSTOMER TERMINATES THEIR OMS SUBSCRIPTION LICENSE, THE ESRI SUBSCRIPTION WILL ALSO TERMINATE.

Cartegraph Systems, Inc.

By *Randy L. Skemp*
(Signature)

Randy L. Skemp
(Type or print name)

Title Executive Vice President/CRO

Date 10/26/2015

Village of Lombard

By _____
(Signature)

Keith Giagnorio
(Type or print name)

Title Village President

Date _____

Cartegraph Systems, Inc.

Addendum B - Field Services (Fee for Service)

The Fee for Field Service Implementation Services as listed in the *Investment Summary* of the Purchase Agreement are specific Cartegraph services which will be delivered to the Customer based on the descriptions below and any descriptions that may be found in the Purchase Agreement's Exhibits. Cartegraph will coordinate with the Customer on service delivery expectations and timeframes. This is an addendum to Customer's Master Agreement #MA142, dated October 20, 2015.

Cartegraph OMS – Implementation Scope of Work

Implementation of the Operations Management System (OMS) includes the following professional services:

Setup

- Cartegraph will setup a hosted, production OMS environment. If a test or sandbox environment is purchased, Cartegraph will also setup a hosted, test OMS environment.
- Cartegraph will provide an overview, up to two (2) hours, of Cartegraph and ArcGIS Online user-based logins and User/Role functionality.
- Cartegraph will provide a template file to be utilized by your staff to populate Roles and Users to be utilized for OMS.
- Cartegraph will utilize the template to create users and roles in OMS. (Note: Subsequent User and/or Role changes will be your administrator's responsibility.)
- Cartegraph will provide documentation and guidance, up to four (4) hours, for your technical GIS staff to configure Esri Basemap Services for OMS integration. Guidance will be geared towards OMS/Esri integration functionality and requirements.
- Cartegraph will setup the OMS Platform, including the Request, Work, Resource, and Asset Management areas of the software. Asset Management solutions will be setup for all solutions referenced in the Assets section of the scope unless otherwise noted.

Consulting

- Cartegraph will provide up to two (2) remote requirement gathering workshops, a total of four (4) hours, to increase our understanding of your business and functional goals. Through workshops and interviews, Cartegraph will identify best fit scenarios for OMS and provide a brief including any challenges as well as recommendations for OMS best practices relevant to your implementation.

Training

- Cartegraph will provide remote train-the-trainer training, up to four (4) hours, on overall system navigation and functionality to help familiarize your staff with the software environment and its common functions. Training topics include:
 - Home Screen
 - Logins/Permission
 - Layers
 - Filters
 - Maps
 - Grids
 - System Navigation
 - Views (List & Detail)
 - Standard Reports
 - Attachments

- Requests, Work, Assets, Resources, Reports, and Administrator Tabs
- Cartegraph will provide remote train-the-trainer training, up to two (2) hours, on OMS Esri integration functionality. Training topics include:
 - OMS Esri integration configuration options
 - Integration functionality (basemap and feature)
 - Overall Esri integration requirements, considerations, and Cartegraph recommended best practices
- Cartegraph will provide remote train-the-trainer training, up to four (4) hours, on OMS Request functionality. Training topics include:
 - Requests
 - Requesters
 - Task Creation from Requests
 - Issue library (including settings such as Applies to Asset and Non-Location)
 - Cartegraph recommended best practices for Request and Requester Management
- Cartegraph will provide remote train-the-trainer training, up to four (4) hours, on OMS Work functionality. Training topics include:
 - Create Task(s) (Asset/Non-Asset)
 - Assignments (Add, Edit, Remove)
 - Task Menu Actions
 - Related Work Items
 - Create Work Order
 - Associate Task to WO
 - Repeat Work Orders
 - Work Order Menu Actions
 - Enter Resources
 - Timesheets
 - Activity library (including settings such as Applies to Asset, Inspection, Key Dates, Cost, and Productivity)
 - Cartegraph recommended best practices for Work Management
- Cartegraph will provide train-the-trainer training on OMS Asset functionality as it relates to the assets referenced within the Asset section of the scope. Training topics include:
 - Asset Details
 - Inspections
 - Linked assets (if applicable)
 - Container/Component Relationships (if applicable)
 - Cartegraph recommended best practices for Asset Management

To avoid redundancy, and to utilize service time efficiently, training may cover a subset of the assets listed in the Asset section of the scope.
- Cartegraph will provide remote train-the-trainer training, up to four (4) hours, on OMS Resource functionality. Training topics include:
 - Resource Details
 - Labor/Equipment Rates
 - Material Management (Stock, Usage, Adjustments)
 - Vendor Price Quotes
 - Cartegraph recommended best practices for Resource Management
- Cartegraph will provide remote train-the-trainer training, up to two (2) hours, on Cartegraph for iPad functionality. Training topics include:

- Overall system functionality (Navigation, Interface, Maps, Attachments, Sorting)
 - Work Management
 - Create and Update Tasks (Asset/Non-Asset)
 - Assign Tasks
 - Enter Resources
 - Inspections
 - Asset Management
 - Create and Update Assets
 - Request Management
 - Create and Update Requests
 - View Requester information
 - Create Task from Request
 - Cartegraph recommended best practices for mobile device use
- Cartegraph will provide remote train-the-trainer training, up to four (4) hours, on OMS Administrator functionality. Training topics include:
 - Administrator:
 - User Administration, Role Administration, Import/Export, Error Log
 - Settings:
 - System Settings, Base Map Administration, Geocode Settings, GIS Integration Settings, Background Task Scheduler, Asset Color Manager
 - Manager:
 - Layout Manager, Library Manager, Preventative Maintenance, Asset Condition Manager, Notification Manager, Structure Manager
 - Cartegraph Administrator Application
 - Report Creation
 - Cartegraph will provide remote train-the-trainer training, up to eight (8) hours, on Advanced Asset functionality. Training topics include:
 - Preventative Maintenance
 - Performance Management
 - Prediction Groups
 - Minimum Condition Groups
 - Activities and Impacts
 - Criticality Factor
 - Install/Replaced Dates
 - Cartegraph recommended best practices for advanced asset management

To avoid redundancy, and to utilize service time efficiently, training may cover a subset of the assets listed in the Asset section of the scope.

Go-Live Support

- Cartegraph will provide up to two (2) remote web conferences (not to exceed 4 hours total) to be utilized for Go-Live Support. The agenda will be defined, and agreed upon, by both your and Cartegraph's project managers. Topics may include any of the following:
 - Refresher training for items listed in the scope of work
 - Software and process support for staff during production roll out
 - Field, Layout, and Report configuration guidance, if applicable

Data Services

- Cartegraph will provide one test and one production data load service through standard import/export functionality. Cartegraph will provide template documents for data population. Once populated by your staff, Cartegraph will load the data into your test or production OMS environment. Data loads may include data such as:
 - Parent level asset records
 - Asset location (spatial x/y) attributes
 - Parent level resource (Labor, Equipment Material, Vendor) records
 - Resource Rate (Labor, Equipment, Material) records
 - Standard system libraries

Assets

Asset implementation includes the following professional services:

- Cartegraph will provide up to ninety (90) days from contract signing for the Village to determine the eleven (11) asset types that will be implemented. Asset selections will be limited to five (5) field configurations as specified below. Currently, Cartegraph intends to provide installation and training on the following eleven (11) asset types:
 - Transportation (5)
 - Marking, Pavement, Pavement Area, Sign, and Support
 - Sewer (2)
 - Sewer Manhole and Sewer Pump
 - Stormwater (2)
 - Storm Manhole and Storm Pump
 - Water (1)
 - Water Pump
 - Tree (1)
 - Tree
- Cartegraph will provide up to five (5) field configurations for each asset type listed above.

Cartegraph will provide all services remotely via audio, video, and web conferences unless otherwise noted.

Customer Responsibility

For the project, you will be responsible for appointing a dedicated project manager that will be responsible for:

- Reviewing the implementation scope of work
- All internal aspects of the project including, but not limited to, internal change management, internal documentation, staff coordination, task completion, and schedule commitment
- Ensuring all scheduled meetings are attended by invited staff
- Partnering with the Cartegraph Project Manager to ensure project success
- Providing leadership and insight on all relevant internal issues such as policy/procedure, organizational structure, project stakeholders, technical architecture, data, and current systems

Exclusions

The following service items are not included in the scope of this project:

- Implementation of any custom modification or integration developed by Cartegraph, your internal staff, or any third-party is not included in the scope of this project unless specifically listed above.
- Data conversion services from other software system(s) or sources (including Cartegraph Navigator databases) are not included in the scope of this project unless specifically listed above.
- Any service items discussed during demonstrations, conference calls, or other events are not included in the scope of this project unless specifically listed above.

Customer/Cartegraph Responsibilities

Project representatives from Customer and Cartegraph accepts responsibility for all aspects of project planning, management, and execution not specifically identified as the responsibility of Cartegraph in the Master Agreement or in this Purchase Agreement. Ongoing management of the day-to-day allocation of Customer and Cartegraph resources and management of project tasks is the responsibility of the Customer and Cartegraph project representatives. Customer and Cartegraph project representatives will provide overall guidance and direction for the project and will direct the project accordingly. Further, and with regard to the Cartegraph obligations listed in this Purchase Agreement, Customer understands that it is vital to the success of the project that Customer provides assistance in the following matters:

1. For those services listed under Field Services, Cartegraph personnel will conduct information gathering and evaluation sessions with various Customer users and management. While Cartegraph respects the time and workload of Customer staff, dedicated time on the part of the appropriate Customer resources is necessary to complete these exercises.
2. The installation process requires the assistance of Customer personnel and suitable access to hardware and systems (e.g., security clearance). Customer is required to supervise the installation process while systems are accessible to Cartegraph. All hardware and software, for both Personal Computers and servers, is expected to be available, installed, and operating as specified in Cartegraph's System Requirements documentation such that delivery and execution of Cartegraph Field Services will not be impeded.
3. Customer and Cartegraph understand that the successful performance of Field Services depends upon Customer fulfilling its responsibilities. The Project assumes that Customer will provide all personnel required to achieve a successful implementation.
4. Customer will provide Internet access and IT staff support as required. For those services that are web-based, Cartegraph utilizes WebEx Meeting (or similar) technology.

Customer shall ensure that their workstation platform and database meet Cartegraph system requirements as specified in the Cartegraph System Requirements documentation. Cartegraph Software will be supported within new versions of these workstation platforms and databases within a reasonable period of time from their release from their manufacturer. Cartegraph will discontinue support of its Software within older versions of these workstation platforms and databases as their support is discontinued by their manufacturers.

5. Customer agrees to work with Cartegraph to schedule Field Services in a timely manner. All undelivered Field Services shall expire 365 days from the execution of this Purchase Agreement, unless noted differently in Services Scope listed above. Upon expiration of services, the project may be cancelled at Cartegraph's discretion.

Not-to-Exceed Proposal

Cartegraph will not exceed the total included in this Purchase Agreement without written approval from Customer. In the event it becomes apparent to Cartegraph that additional service efforts will be needed due to any changes in the scope of this Purchase Agreement, Cartegraph will notify Customer prior to exceeding the approved efforts and obtain written approval if additional Software or services are required.

BY EXECUTING THIS PURCHASE AGREEMENT, CUSTOMER ACKNOWLEDGES THAT IT HAS REVIEWED THE TERMS, CONDITIONS, FEES AND CHARGES PROVIDED HEREIN AND IN THE MASTER AGREEMENT, AS WELL AS ANY OTHER EXHIBITS TO THE MASTER AGREEMENT, AND CUSTOMER AGREES TO BE LEGALLY BOUND BY EACH SUCH AGREEMENT.

Cartegraph Systems, Inc.

By 
(Signature)

Randy L. Skemp
(Type or print name)

Title Executive Vice President/CRO

Date 10/26/2015

Village of Lombard

By _____
(Signature)

Keith Giagnorio
(Type or print name)

Title Village President

Date _____
