



At the Heart of Community

TECHNOLOGY DEPARTMENT

70 East Main Street
Lake Zurich, Illinois 60047

(847) 438-5141
LakeZurich.org

MEMORANDUM

Date: September 26, 2017

To: Ray Keller, Village Manager

From: Michael Duebner, Innovation Director

Copy: Jodie Hartman, Finance Director
Michael Brown, Public Works Director

Subject: Contracts – Water Meter Replacement

Issue: Review and ratification of contracts associated with the replacement of residential and commercial water meters throughout the village and the build out of a fixed base meter reading system.

Strategic Plan: This initiative advances two areas of the strategic plan: financial sustainability and infrastructure. Specifically, this initiative ties in with the objective for “ensuring a sustainable, healthy and economical water source.”

Analysis: Staff and Village Attorney Scott Uhler have reviewed contracts for the following scope of work:

1. Siemens – Project management and sub-contractor coordination of meter replacements and buildout of automatic meter read infrastructure (AMI) in the amount of \$3,199,425.58 as outlined in the attached agreement.
2. HD Supply will coordinate with Siemens to provide an AMI hosted environment that consumes raw meter information and provides readings to the existing Superion Community Plus billing system on demand.
3. HD Supply will provide a staff facing portal to review readings, initiate on-demand readings, develop custom alerts, data exports and scheduled reports.
4. HD Supply will provide a customer facing portal for the purpose of water consumption review, establishment of custom alerts, historical information.

A capital lease through U.S. Bancorp Government Leasing and Finance, Inc. for the energy saving performance contract developed by Siemens for \$3 Million will provide the majority of the funds needed for the project. Additional one-time and annual expenses for the Water Fund:

One-Time Expenses

Leasing Meter Replacement Project Management	\$193,000
Meter Replacement Data Integration	\$85,000
Superion billing software modification	\$8,000
Site repair out of scope contingency	\$200,000

Annual expenses included in the 2018 budget

Sensus Meter Data Cloud Hosting	\$21,500
Sensus Customer Facing Portal (1500 Accounts)	\$4,500
Performance Contracting Verification (PSAP)	\$27,000
Lease payments	\$74,850

Recommendation: Staff is requesting approval of the project scope and authorization to contract with Siemens, Sensus, HD Supply, Superion in the amount not to exceed \$3,500,000

w/Attachments:

- Exhibit A – Siemens Contract and Addendum
- Exhibit B - 7-5-6 Draft Ordinance (revised 9/25/17)
- Exhibit C – US Bankcorp Government Leasing
- Exhibit D – Sensus Service Agreement

PERFORMANCE CONTRACTING AGREEMENT

between

Village of Lake Zurich

and

**Siemens Industry, Inc.,
Building Technologies Division**

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13. Maintenance Services Program

PERFORMANCE CONTRACTING AGREEMENT

Number: 44OP-186215

Article 1 AGREEMENT

THIS **PERFORMANCE CONTRACTING AGREEMENT** ("Agreement") is made this 28th day of September, 2017 (the "Effective Contract Date", defined below), by and between Siemens Industry, Inc., Building Technologies Division ("SIEMENS") and the party identified below as the CLIENT.

The CLIENT: Village of Lake Zurich

70 E. Main Street
Lake Zurich, IL 60047

DESIGNATED REPRESENTATIVES: Ray Keller and Michael Duebner
PHONE: 847 540 1683 FAX: 840 540 1768

Siemens Industry, Inc., Building Technologies Division

1000 Deerfield Parkway
Buffalo Grove, Illinois 60089

With offices at: 585 Slawin Court 6
Mount Prospect, IL 6005

DESIGNATED REPRESENTATIVE: Danielle Melone
PHONE: (847) 254-3294 FAX: (866) 794-8347
Email: danielle.melone@siemens.com

For Work and Services in connection with the following project (the "Project"):

Water Meter Replacement and Fixed Base Meter Reading System

- Replacement of Water Meters with Radio Read Capabilities
- Advanced Metering Infrastructure (AMI) Upgrades

The CLIENT considered performing the following FIMs but at this time, has determined to exclude them from the Scope of Work and Services, Exhibit A:

SCADA
Building Envelope Work
HVAC Upgrades

PERFORMANCE CONTRACTING AGREEMENT

Articles and Attachments

This Agreement consists of this document, which includes the following articles and exhibits which are acknowledged by the CLIENT and SIEMENS and incorporated into the Agreement by this reference:

Articles

1. Agreement
2. Glossary
3. General
4. Performance Guarantee
5. Work BY SIEMENS
6. The CLIENT's Responsibilities
7. Changes and Delays
8. Compensation
9. Acceptance
10. Insurance and Allocation of Risk
11. Hazardous Material Provisions
12. Miscellaneous Provisions
13. Maintenance Services Program

Exhibits

Exhibit A	Scope of Work and Services
Exhibit B	Payment Schedule(s)
Exhibit C	Performance Assurance
Exhibit D1	Form of Certificate of Substantial Completion
Exhibit D2	Form of Certificate of Final Completion
Exhibit E	Certification Under 720 Ilcs 5/33e-11

This Agreement, when executed by an authorized representative of the CLIENT and authorized representatives of SIEMENS, constitutes the entire, complete and exclusive agreement between the Parties relative to the project scope stated in Exhibit A. This Agreement supersedes all prior and contemporaneous negotiations, statements, representations, agreements, letters of intent, awards, or proposals, either written or oral relative to the same, and may be modified only by a written instrument signed by both Parties.

COMPENSATION/TERMS OF PAYMENT:

As full consideration for the performance of the Work and Services set forth in Exhibit A, and for the Performance Assurance set forth in Exhibit C, the CLIENT shall pay SIEMENS in such manner and amounts as agreed to in Exhibit B.

Agreed for **Village of Lake Zurich, Illinois**

(Signature) by: _____

Print Name and Title: _____

(Signature) by: _____

Print Name and Title: _____

Agreed for **Siemens Industry, Inc.**

(Signature) by: _____

Print Name and Title: _____

(Signature) by: _____

Print Name and Title: _____

PERFORMANCE CONTRACTING AGREEMENT

Article 2

Glossary

The following terms shall for all purposes have the meanings stated herein, unless the context otherwise specifies or requires, or unless otherwise defined in the Agreement:

Acceptance means the CLIENT has signed, or is deemed to have signed, a Certificate of Final Completion.

Acceptance Date means the date on which the CLIENT signs or is deemed to have signed a Certificate of Final Completion.

Annual Performance Assurance Report means the document prepared by SIEMENS and submitted to the CLIENT as part of the Performance Assurance Service Program, which identifies the Savings achieved for the applicable Annual Period.

Annual Period means a twelve (12) month period beginning on the Guarantee Date or on any anniversary date thereof.

Annual Realized Savings means the actual Savings achieved by the CLIENT during an Annual Period, calculated as the sum of the Measured & Verified Savings plus the Stipulated Savings.

Applicable Law means laws, ordinances, codes, rules and regulations applicable to the Work and in effect on the Effective Contract Date.

Baseline means the measurements of Facility energy usage taken prior to the Effective Contract Date, and the Facility operating practices in effect prior to the Effective Contract Date, as set forth in the Performance Assurance, Exhibit C.

Baseline Period means the period of time from which data is provided to SIEMENS to derive the Baseline measurements. The Baseline Period is set forth in the Performance Assurance, Exhibit C.

BTU means a British Thermal Unit and is a unit of thermal energy.

Capital Off-Set Savings means a sub-category of Operational Savings where Savings will result in a cost effective upgrade to the Facility to address one or more of the following issues: potential future increased costs, comfort, code non-compliance, usage requirements, user needs and/or expectations.

Certificate of Final Completion means a document, in the form attached as Exhibit D2 hereto, indicating that the Work identified in Article 1 of the Scope of Work and Services-Exhibit A has been completed in accordance with the Agreement, including all items in the Outstanding Items List(s).

Certificate of Substantial Completion means a document, in the form attached as Exhibit D1 hereto, indicating that the Work, or a designated portion of the Work, is Substantially Complete in accordance with the Agreement. A Certificate of Substantial Completion may be accompanied by an Outstanding Items List.

CLIENT Representative means the person identified to SIEMENS by the CLIENT as the person authorized to make decisions on behalf of the CLIENT as set forth in Section 6.1(a) hereof.

Construction Period means the period between the Effective Contract Date and the first day of the month following the Acceptance Date.

Construction Period Savings means the actual accumulated Measured & Verified Savings plus the Stipulated Savings achieved from the Effective Contract Date until the Guarantee Date.

Contracted Baseline means the post-FIM-implementation Facility operating profile based on parameters described in Exhibit C, which the CLIENT shall maintain throughout the Performance Guarantee Period and are relied upon by SIEMENS for the calculation of Guaranteed Savings as provided in the Performance Assurance, Exhibit C. The Contracted Baseline must also include stipulated hours of operation and plug-loads for all Facilities, and must include stipulated blended, or non-blended, utility rates.

Deferred Maintenance means a sub-category of Operational Savings where Savings result from a reduction of current or potential future repair and maintenance costs due to certain work being performed hereunder where such work had been previously postponed.

Deliverables shall mean collectively, (a) any Equipment and any Software Product deliverable to CLIENT from SIEMENS under or in connection with the Work, and (b) any Work Product Deliverables.

Effective Contract Date is the date appearing at the top of this Agreement, unless specifically indicated otherwise.

Energy Conservation Measure or ECM means the SIEMENS Products and/or other third party equipment, devices, materials and/or software as installed by SIEMENS at the Facilities, or as repaired or replaced by SIEMENS or the CLIENT hereunder, for the purpose of improving the efficiency of utility consumption.

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Equipment means the installed physical equipment to be provided by SIEMENS as described in the Scope of Work and Services, Exhibit A.

Escalation Rate means an annual percentage increase to be applied to the previous Annual Period's energy savings, operational savings and service pricing, beginning and occurring on dates outlined in the Performance Assurance, Exhibit C. A different Escalation Rate may be applied to differing Savings calculations and/or payment schedules depending on the percentage agreed upon by the Parties.

Facility or Facilities means the **building(s)** or structure(s) where Work will be installed or implemented.

Facility Improvement Measures or FIMs means the (i) Instruments, know-how and Intellectual Property, including but not limited to methods and techniques for energy conservation, owned or licensed by SIEMENS and employed by SIEMENS to perform the Work and Services under this Agreement; and, (ii) the installation of Equipment and Software Products with the intent of generating net savings or efficiencies at or in connection with the operation of the Facilities. A FIM may include one or multiple ECMs as well as any non-conservation-related activities, means or methods.

FEMP means the Federal Energy Management Program managed by the United States Department of Energy.

FEMP Guidelines means the FEMP M&V Guidelines v. 3.0 published by FEMP as M&V Guidelines; Measurement and Verification for Federal Energy Management Projects.

Guarantee Date means the first day of the month following the date on which the CLIENT executes, or is deemed to have executed, the Certificate of Final Completion.

Guaranteed Annual Savings are the Guaranteed Measured & Verified Savings plus the Stipulated Savings that SIEMENS guarantees will be achieved in an Annual Period of the Performance Guarantee Period.

Guaranteed Measured & Verified Savings means the Measured & Verified Savings that SIEMENS guarantees will be achieved, as described in the Performance Assurance, Exhibit C.

Guaranteed Savings means the amount of Savings that SIEMENS guarantees will be achieved at the Facility during the Performance Guarantee Period. as identified in the Performance Assurance, Exhibit C as subject to the limitation identified in Section 4.8.

Hazardous Materials refers to the definition found in Section 11.1.

Instruments means all know-how, tools and related documentation owned or licensed by SIEMENS and used by SIEMENS to install or commission Equipment and Software Products for operation at the Facility, including but not limited to tools for installing any Software Products in Equipment, performing diagnostics on Equipment as installed in the Facility as well as any reports, notes, calculations, data, drawings, estimates, specifications, manuals, documents, all computer programs, codes and computerized materials prepared by or for SIEMENS and used by SIEMENS to provide an ECM or a FIM. Instruments excludes Work Product Deliverables.

Intellectual Property Rights or Intellectual Property means all trade secrets, patents and patent applications, trade marks (whether registered or unregistered and including any goodwill acquired in such trade marks), services marks, trade names, internet domain names, copyrights (including rights in computer software), moral rights, database rights, design rights, rights in know-how, rights in inventions (whether patentable or not) including, but not limited to, any and all renewals or extensions thereof, and all other proprietary rights (whether registered or unregistered, and any application for the foregoing), and all other equivalent or similar rights which may subsist anywhere in the world, including, but not limited to, any and all renewals or extensions thereof.

IPMVP means the International Performance Measurement and Verification Protocol, Volume 1, EVO 10000-1.2007 as prepared by the Efficiency Valuation Organization.

kW and kWh means kilowatt and kilowatt hour, respectively.

Maintenance Services Program or MSP means the Services performed by SIEMENS to maintain the Equipment in good working order. The MSP may also contain Services unrelated to the maintenance of the Equipment. If applicable, the MSP is more fully described in the Scope of Work and Services, Exhibit A.

Material Change means a measurable deviation in the Contracted Baseline such that there is an adverse impact on the Annual Realized Savings which results or will result in a Savings Shortfall.

Measured & Verified Savings means those Savings that can be calculated and ascertained by the methodology set forth in the Performance Assurance, Exhibit C.

Oil refers to the definition found in Section 11.1.

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Operational Savings means Savings derived from reduced operational expenses, including but not limited to, Deferred Maintenance, or Capital Off-Set Savings. Operational Savings can only be expressed in monetary value and are Stipulated Savings.

Outstanding Items List means a list of items in need of completion or correction that relates to the Work, or a designated portion thereof that is Substantially Complete. The absence of such items does not deprive the CLIENT of the ability to put such Work, or a designated portion thereof to beneficial use. An Outstanding Items List may be attached to a Certificate of Substantial Completion.

Parties means the CLIENT and SIEMENS.

Performance Assurance is the process of ascertaining whether the FIMs are performing at the level necessary to achieve the Guaranteed Savings.

Performance Assurance Services Program or PASP means the Services required to monitor the operation of the FIMs so that SIEMENS can provide the Annual Performance Assurance Report detailing the Annual Realized Savings and comparing the same to the Annual Guaranteed Savings based upon the calculations agreed to by the Parties in the Performance Assurance, Exhibit C. The Services provided under the PASP are described in the Scope of Work and Services, Exhibit A.

Performance Guarantee means the guarantee that SIEMENS makes to the CLIENT which is reconciled and confirmed through the Performance Assurance process set forth in the Performance Assurance, Exhibit C.

Performance Guarantee Period means the timeframe from the Guarantee Date to the last day of the final Annual Period as described in Table 1.1 of the Performance Assurance, Exhibit C, or the period from the Guarantee Date until the termination of this Agreement, whichever occurs earlier.

Permitted Users means the CLIENT, its employees and agents.

Savings means the Parties' intended result from implementing all FIMs. Savings can be derived from reductions in energy or utility consumption, reductions in operating expenses, a changed utility rate classification or a combination thereof. The Savings that are achieved from reduced energy or utility consumption are converted to a dollar figure based upon the calculation in Article 4.1.1 and as detailed in the Performance Assurance, Exhibit C. When converted to a dollar figure, these Savings become energy cost savings. Operational Savings are only expressed in a dollar figure.

Savings Shortfall means the Annual Realized Savings less the Guaranteed Annual Savings for the Annual Period resulting in an amount less than zero.

Services means those services to be provided by SIEMENS as described in the Scope of Work and Services, Exhibit A.

SIEMENS Pre-existing Intellectual Property means any Intellectual Property: (i) that has been conceived or developed by an employee or subcontractor of SIEMENS before SIEMENS performs any Work or Services under this Agreement; (ii) that is conceived or developed by such employee or subcontractor at any time wholly independently of SIEMENS performing the Work under this Agreement; or, (iii) if developed while performing the Work under this Agreement, where the development of Intellectual Property for the benefit of the CLIENT is not expressly identified as a FIM or part of a FIM. SIEMENS Pre-existing Property is included in all reports, notes, calculations, data, drawings, estimates, specifications, manuals, documents, all computer programs, codes and computerized materials prepared by or for SIEMENS.

SIEMENS Product means a product, including Software Product and/or Equipment, offered for sale or license by SIEMENS or its affiliates or subsidiaries and developed prior to performing the Work or SIEMENS rendering services in connection with this Agreement. A SIEMENS Product also includes improvements or modifications to any Equipment and any Software Product developed by SIEMENS or developed as part of the Work, including any SIEMENS Product that is configured or modified for operation at a site specified by the CLIENT. Any information that is provided by the CLIENT and incorporated into a SIEMENS Product is not, by itself, a SIEMENS Product. A compilation of such information and the product of such compilation, however, is a SIEMENS Product.

Software Product means any software that is owned or licensed by SIEMENS or its affiliates and that is either separately deliverable for use in the Equipment or for use in a computer system owned by the CLIENT or delivered as firmware embedded in the Equipment.

Stipulated Savings are a sub-category of Guaranteed Savings that do not require post-FIM implementation measurement and verification because they are agreed upon by the Parties based upon representations made to SIEMENS by the CLIENT and through the application of generally accepted analytical formulae. As such, Stipulated Savings are agreed upon in advance by the Parties and cannot be changed. When used as a methodology for representing a FIM's energy savings, such methodology is not recognized as a measurement and verification methodology under IPMVP. Therefore, where the

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IPMVP measurement methodologies are required, a methodology other than Stipulated Savings must be used to calculate energy savings.

Substantial Completion or Substantially Complete means the Work, or any identifiable portion thereof, which is sufficiently complete, in accordance with the provisions of this Agreement relating to the Scope of the Work and Services, Exhibit A, such that the CLIENT will be able to realize from such Work substantially all of the practical benefits intended to be gained therefrom, or otherwise employ the Work or the FIMs for their intended purposes.

Therm is a measure of energy equal to 100,000 BTUs.

Total Guaranteed Savings means the sum of the Savings that are guaranteed for all Annual Periods during the Performance Guarantee Period (inclusive of the Construction Period, if applicable). The Total Guaranteed Savings are reflected in Tables 1.1 and 1.2 in the Performance Assurance, Exhibit C.

Work means collective labor, Equipment and services comprising the FIMs to be performed by SIEMENS, as described in the Scope of Work and Services, Exhibit A.

Work Product Deliverable means the tangible form of a report or drawing specifically developed for, commissioned by and deliverable to the CLIENT in connection with the Work to be performed by SIEMENS under this Agreement.

Article 3

General

- 3.1 The Parties hereto acknowledge and agree that this Agreement has been negotiated at arm's length and among the Parties equally sophisticated and knowledgeable as to the subject matter of this Agreement. Each party has conferred, or has had the opportunity to confer, with their respective legal counsel. Accordingly, in the event any claim is made relating to any conflict, omission, or ambiguity in this Agreement, no presumption, burden of proof, or persuasion shall be implied by virtue of the fact that this Agreement was drafted by or at the request of a particular party or its legal counsel.
- 3.2 The CLIENT hereby engages and SIEMENS hereby accepts the engagement to perform and to provide the Work and Services set forth in Exhibit A in accordance with the terms and conditions of this Agreement.
- 3.3 SIEMENS shall perform the Work as an independent contractor with exclusive control of the manner and means of performing the Work in accordance with the requirements of this Agreement. SIEMENS has no authority to act or make any agreements or representations on behalf of the CLIENT. This Agreement is not intended, and shall not be construed to create, between the CLIENT and SIEMENS, the relationship of principal and agent, joint-venturers, co-partners or any other such relationship, the existence of which is hereby expressly denied. No employee or agent of SIEMENS shall be, or shall be deemed to be, an employee or agent of the CLIENT.
- 3.4 SIEMENS represents, warrants and covenants to the CLIENT that:
 - (a) It has all requisite corporate power to enter into this Agreement, and that its execution hereof has been duly authorized and does not and will not constitute a breach or violation of any of SIEMENS organizational documents, any Applicable Law, or any agreements with third parties;
 - (b) It has done and will continue to do all things necessary to preserve and keep in full force and effect its existence and the Agreement;
 - (c) This Agreement is the legal, valid and binding obligation of SIEMENS, in accordance with its terms, and all requirements have been met and procedures have been followed by SIEMENS to ensure the enforceability of the Agreement;
 - (d) To SIEMENS best knowledge, there is no pending or threatened, suit, action, litigation or proceeding against or affecting SIEMENS that affects the validity or enforceability of this Agreement; and,
 - (e) It is duly authorized to do business in all locations where the Work and Services are to be performed.
- 3.5 The CLIENT represents, warrants and covenants to SIEMENS that:
 - (a) It has all requisite corporate power and/or statutory authority to enter into this Agreement, and that its execution hereof has been duly authorized and does not and will not constitute a breach or violation of any of the CLIENT's organizational documents, any Applicable Law, or any agreements with third parties;

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- (b) It has done and will continue to do all things necessary to preserve and keep in full force and effect its existence and the Agreement;
- (c) This Agreement is the legal, valid and binding obligation of the CLIENT, in accordance with its terms, and all requirements have been met and procedures have been followed by the CLIENT to ensure the enforceability of the Agreement;
- (d) To the CLIENT's best knowledge, there is no pending or threatened, suit, action, litigation or proceeding against or affecting the CLIENT that affects the validity or enforceability of this Agreement; and,
- (e) The CLIENT has consulted with its legal counsel and is relying on the advice of its counsel concerning all legal issues related to this Agreement, and is not relying on SIEMENS in this regard.

Article 4

Performance Guarantee

- 4.1 The Annual Realized Savings generated during each Annual Period will be no less than the Guaranteed Annual Savings as shown in Tables 1.1 and 1.2 of the Performance Assurance, Exhibit C, subject to the limits in Section 4.8. The measurement and verification calculation methodology for determining the Savings is set forth in the Performance Assurance, Exhibit C.
- 4.1.1 General. Except as otherwise provided, energy savings will be calculated for each month of each Annual Period as the product of (a) "units of energy saved" (kWh, Therms, GJ, etc.) multiplied by (b) "cost of energy."
- (a) Units of energy saved are calculated by 1) assuming the Contracted Baseline has been maintained per Section 4.3 below, and 2) subtracting the then current period measured units of energy consumed from the Baseline units of energy defined in Article 5 of Exhibit C.
 - (b) Costs of energy are defined in Article 6 of Exhibit C-Utility Rate Structures and Escalation Rates.
- 4.2 Any future Escalation Rates to be applied to utility, energy or other costs are set forth in Exhibit C. SIEMENS and the CLIENT agree that the Baseline data set forth in Exhibit C is a full and accurate reflection of the existing Facility, equipment, operation, business use and energy usage, and that such Baseline data will be the basis on which all future energy use will be compared in order to determine the Annual Realized Savings.
- 4.3 SIEMENS and the CLIENT agree that the Contracted Baseline fully described in Exhibit C will represent the new operating and/or equipment profile of the Facility resulting from the FIM implementation. The Performance Guarantee is dependent upon and is subject to the express condition that the CLIENT operates and maintains its Facilities within the Contracted Baseline parameters, as may be adjusted in accordance with the terms herein, during the entire term of the Performance Guarantee Period.
- 4.4 The CLIENT agrees to notify SIEMENS prior to or within thirty (30) days of CLIENT's knowledge of any Material Change.
- 4.5 Within thirty (30) days of notice of a Material Change, SIEMENS' discovery of a Material Change and with prompt notice to CLIENT, SIEMENS will either:
- (a) Require an adjustment to the Performance Assurance and the Performance Guarantee as a result of the Material Change; or,
 - (b) Where a commercially reasonable adjustment to the Performance Guarantee is unavailable, terminate both the Performance Assurance and the Performance Guarantee.
- 4.6 A Performance Guarantee Period savings reconciliation as identified in Section 4.1 will be performed at the end of each Annual Period as follows:
- (a) Within ninety (90) days of the Guarantee Date, the Construction Period Savings shall be reconciled and applied to the calculation of the first Annual Period's Annual Realized Savings.
 - (b) At the conclusion of each Annual Period, SIEMENS will calculate the Annual Realized Savings and compare the calculated amount to the applicable Guaranteed Annual Savings amount.
 - (c) Where the Annual Realized Savings are less than the Guaranteed Annual Savings, a Savings Shortfall shall be recorded for the applicable Annual Period.

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- (d) A Savings Shortfall shall be paid by SIEMENS within sixty (60) days following the CLIENT's acceptance of the reconciliation and once paid SIEMENS shall have fulfilled its obligations under the Performance Guarantee for the applicable Annual Period.
- 4.6.1 As the mutual goal of the Parties is to maximize Savings, if SIEMENS can correct a Savings Shortfall through an operational improvement at no expense or material inconvenience to the CLIENT and without future operational expenses, and the CLIENT declines to allow such operational improvement, then any future Savings Shortfall that the improvement would have corrected will be negated by deeming the value of the Savings Shortfall as Savings achieved and adding the amount of same to the Annual Realized Savings calculations for each Annual Period thereafter.
- 4.7 The Performance Guarantee is dependent upon and is subject to the express condition that the CLIENT maintains the PASP during the entire Performance Guarantee Period. If the CLIENT fails to maintain, breaches, cancels or otherwise causes the termination of the PASP then; (a) The Performance Guarantee shall terminate immediately and be void and of no force or effect; or, (b) Where termination of the Performance Guarantee acts to render the Agreement in violation of Applicable Law, all Guaranteed Savings thereafter shall be determined to have been achieved and SIEMENS shall have been deemed to have met its Performance Guarantee obligations under this Agreement for each and every Annual Period thereafter without the obligation to provide the CLIENT, or any third-party as the case may be, with any further Annual Performance Assurance Reports.
- 4.8 The payments and credits based on Savings Shortfalls, if any, are the sole remedy of the CLIENT under this Performance Guarantee. ANY PAYMENTS MADE OR TO BE MADE TO THE CLIENT UNDER THE TERMS OF THIS PERFORMANCE GUARANTEE SHALL NOT EXCEED THE PAYMENTS ACTUALLY MADE BY CLIENT TO EITHER SIEMENS AND/OR A THIRD-PARTY (IN THE EVENT THAT THE CLIENT HAS FINANCED THE TRANSACTION) FOR THE AGGREGATE OF: THE PRICE, AS DEFINED IN EXHIBIT B, ARTICLE 1.1; THE PASP PAYMENTS; THE MSP PAYMENTS, IF ANY; AND, IF APPLICABLE, THE CLIENT'S COST OF FINANCING THE WORK. The CLIENT's cost of financing the Work is the cost of financing calculated either: (a) On the date that the escrow account is funded in accordance with Exhibit B, Article 1.2; or, (b) On the Effective Contract Date if the escrow requirement is expressly waived by SIEMENS.
- 4.9 The CLIENT represents that all existing equipment that is not installed by SIEMENS under this Agreement but is deemed necessary to achieve the Performance Guarantee, is in satisfactory working condition. Prior to the beginning of the Performance Guarantee Period, SIEMENS will have inspected all such existing equipment and reported any deficiencies to the CLIENT. To the extent that the deficiencies are not remedied by the CLIENT prior to the Guarantee Date, the adverse effect on the ability of the Project to attain the necessary Guaranteed Savings shall be factored into the Annual Performance Assurance Report and, if necessary, the Performance Guarantee shall be adjusted accordingly.
- 4.10 If the Equipment or the existing equipment is altered or moved by any person (including the CLIENT) other than SIEMENS or a person authorized by SIEMENS, the CLIENT shall immediately notify SIEMENS in writing, and SIEMENS reserves the right to perform a reacceptance test on, or if necessary a re-commissioning of, the system at the CLIENT's expense in order to determine if a Material Change has occurred.
- 4.11 SIEMENS will have no liability or obligation to continue providing PASP Services or any Guaranteed Savings under the Performance Guarantee in the event that the CLIENT fails to:
- (a) Authorize a re-acceptance test or re-commissioning that SIEMENS reasonably deems necessary in order to determine if a Material Change has occurred;
 - (b) Provide access to any Facility where Work is to be performed;
 - (c) Service and maintain all Equipment in accordance with the manufacturers' recommendations in order to prevent a Savings Shortfall; or,
 - (d) Provide SIEMENS with accurate Facility operating information as soon as such information becomes reasonably available to the CLIENT, including energy usage and cost, executed preventive maintenance and repair records, building or equipment additions, and occupancy levels during each Annual Period.
- 4.12 Unless expressly contrary to Applicable Law, should the CLIENT decide to discontinue the PASP before the end of the Performance Guarantee Period, the CLIENT will give SIEMENS thirty (30) days prior written notice.

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- 4.13 Unless expressly contrary to Applicable Law, any disputes concerning the calculation of the Annual Realized Savings or changes to the Contracted Baseline that are not resolved by negotiation between the Parties within thirty (30) days of the notice of the dispute, will be resolved by a third-party professional engineering firm which is reasonably acceptable to both SIEMENS and the CLIENT. The determination of such firm will be final and binding upon CLIENT and SIEMENS. SIEMENS and the CLIENT will each be responsible for half of the fees of such firm.

Article 5

Work by SIEMENS

- 5.1 SIEMENS will perform the Work expressly described in this Agreement and in any work release documents or change orders that are issued under this Agreement and signed by both Parties. The Work performed by SIEMENS shall be conducted in a workmanlike manner.
- 5.2 SIEMENS shall perform the Work during its normal hours, Monday through Friday inclusive, excluding holidays, unless otherwise agreed herein. The CLIENT shall make the Facility available so Work may proceed in an efficient manner.
- 5.3 SIEMENS is not required to conduct safety, reacceptance or other tests, install new devices or equipment or make modifications to any Equipment unless expressly made a part of the Work identified in the Scope of Work and Services, Exhibit A. Any CLIENT request to change the scope or the nature of the Work or Services must be in the form of a mutually agreed change order, effective only when executed by the Parties.
- 5.4 All Work Product Deliverables shall become the CLIENT's property upon receipt by CLIENT. SIEMENS may retain file copies of such Work Product Deliverables. If any Instruments are provided to the CLIENT under this Agreement, any such Instruments shall remain SIEMENS' property, including the Intellectual Property conceived or developed by SIEMENS in the Instruments. All SIEMENS' Pre-existing Intellectual Property that may be included in the Deliverables provided to the CLIENT under this Agreement shall also remain SIEMENS property including the SIEMENS Pre-existing Intellectual Property included in the Work Product Deliverables. All Work Product Deliverables and any Instruments provided to the CLIENT are for Permitted Users' use and only for the purposes disclosed to SIEMENS. SIEMENS hereby grants the CLIENT a royalty-free (once payments due under this Agreement are paid to SIEMENS), non-transferable, perpetual, nonexclusive license to use any SIEMENS Pre-existing Intellectual Property solely as incorporated into the Deliverables and SIEMENS' Intellectual Property as incorporated into any Instruments provided to the CLIENT under this Agreement. Under such license, and following agreement to be bound to such separate confidentiality provisions that may exist between the Parties, Permitted Users shall have a right to:
- (a) Use, in object code form only, the Software Products included in the Deliverables ("Software Deliverables");
 - (b) Make and retain archival and emergency copies of such Software Deliverables (subject to any confidentiality provisions) except if the Software Deliverable is embedded in the Equipment; and,
 - (c) Use all such Deliverables and such Instruments, provided however, the Deliverables and Instruments shall not be used or relied upon by any parties other than Permitted Users, and such use shall be limited to the particular project and location for which the Deliverables are provided. All Deliverables provided to the CLIENT are for Permitted Users' use only for the purposes disclosed to SIEMENS, and the CLIENT shall not transfer them to others or use them or permit them to be used for any extension of the Work or any other project or purpose, without SIEMENS' express written consent.
- 5.4.1 Any reuse of such Deliverables or such Instruments for other projects or locations without the written consent of SIEMENS, or use by any party other than Permitted Users will be at Permitted Users' risk and without liability to SIEMENS; and, the CLIENT shall indemnify, defend and hold SIEMENS harmless from any claims, losses or damages arising therefrom.
- 5.4.2 In consideration of such license, CLIENT agrees not to reverse engineer any Equipment or Software Product to reconstruct or discover any source code, object code, firmware, underlying ideas, or algorithms of such Equipment or Software Product even to the extent such restriction is allowable under Applicable Law.
- 5.4.3 Nothing contained in this Agreement shall be interpreted or construed to convey to the CLIENT the pre-existing Intellectual Property rights of any third party incorporated into the Deliverables. CLIENT agrees to

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take delivery of any Software Deliverables subject to any applicable SIEMENS or third party end-user license agreement accompanying such Software Deliverable.

5.5 SIEMENS shall be responsible for any portion of the Work performed by any subcontractor of SIEMENS. SIEMENS shall not have any responsibility, duty or authority to direct, supervise or oversee any contractor of the CLIENT or their work or to provide the means, methods or sequence of their work or to stop their work. SIEMENS' work and/or presence at the Facility shall not relieve others of their responsibility to the CLIENT or to others.

5.6 SIEMENS warrants that:

- (a) Unless otherwise agreed, all Equipment shall be new and of good quality. Until one year from the date the Equipment is installed, all Equipment manufactured by SIEMENS or bearing its nameplate will be free from defects in material and workmanship arising from normal use and service.
- (b) Labor for all Work, excluding PASP or MSP Services, is warranted to be free from defects in workmanship for one year after the Work is performed. PASP Services and MSP Services are warranted to be free from defects in workmanship for ninety (90) days after the Services are performed.

5.7 Warranty Limitation:

- (a) The limited warranties set forth in Section 5.6 will be void as to, and shall not apply to, any Equipment (i) repaired, altered or improperly installed by any person other than SIEMENS or its authorized representative; (ii) which the CLIENT or a third party subjects to unreasonable or improper use or storage, uses beyond rated conditions, operates other than per SIEMENS or the manufacturer's instructions, or otherwise subjects to improper maintenance, negligence or accident; (iii) damaged because of any use of the Equipment after the CLIENT has, or should have had, knowledge of any defect in the Equipment; or (iv) not manufactured, fabricated and assembled by SIEMENS or not bearing SIEMENS nameplate. However, SIEMENS assigns to the CLIENT, without recourse, any and all assignable warranties available from any manufacturer, supplier, or subcontractor of such Equipment.
- (b) Any claim under the limited warranty granted above must be made in writing to SIEMENS within thirty (30) days after discovery of the claimed defect unless discovered directly by SIEMENS. Such limited warranty only extends to the CLIENT and not to any subsequent owner of the Equipment. The CLIENT's sole and exclusive remedy for any Equipment or Services not conforming with this limited warranty is limited to, at SIEMENS' option: (i) repair or replacement of defective components of covered Equipment; (ii) re-performance of the defective portion of the Services; or (iii) to the extent previously paid and itemized, the issuance of a credit or refund for the original purchase price of such defective component or portion of the Equipment or Services.
- (c) SIEMENS shall not be required to repair or replace more than the component(s) of the Equipment or the portion of the Work and Services actually found to be defective. SIEMENS' warranty liability shall not exceed the purchase price of such item. Repaired or replaced Equipment or Services will be warranted hereunder only for the remaining portion of the original warranty period.

5.8 THE EXPRESS LIMITED WARRANTIES PROVIDED ABOVE ARE IN LIEU OF AND EXCLUDE ALL OTHER WARRANTIES, STATUTORY, EXPRESS, OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED. THE LIMITED EXPRESS WARRANTIES AND REPRESENTATIONS SET FORTH IN THIS AGREEMENT MAY ONLY BE MODIFIED OR SUPPLEMENTED IN A WRITING EXECUTED BY A DULY AUTHORIZED SIGNATORY OF EACH PARTY.

5.9 SIEMENS will not be responsible for the maintenance, repair or replacement of, or Services necessitated by reason of:

- (a) Non-maintainable, non-replaceable or obsolete parts of the Equipment, including but not limited to: service valves, curb stops, water piping and electrical wiring, unless covered by the warranty provisions herein or otherwise specifically stated herein; or
- (b) The CLIENT's or a third-party's negligence, abuse, misuse, improper or inadequate repairs or modifications, improper operation, lack of operator maintenance or skill, corrosion, erosion, improper or inadequate water treatment, electrolytic action, chemical action, failure to comply with manufacturer's operating and environmental requirements, Acts of God, or other reasons beyond SIEMENS' control. Unless expressly agreed in writing, SIEMENS is not responsible for the removal or reinstallation of replacement valves, dampers, or waterflow and

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tamper switches with respect to pipes and ductwork, including vent or drain system. SIEMENS ASSUMES NO RESPONSIBILITY FOR ANY SERVICE PERFORMED ON ANY EQUIPMENT OTHER THAN THAT PERFORMED BY SIEMENS OR ITS AGENTS.

- 5.10 In the event of accidents of any kind which involve the general public and/or private or public property directly caused by Siemens in the performance of Work, SIEMENS shall immediately notify the Innovation Director of the Village and shall provide a full accounting of all details of the accident. SIEMENS shall furnish the Village with copies of all reports of such accidents promptly after the occurrence of the event in accordance with the Article 5.10.

Article 6

CLIENT Responsibilities

6.1 The CLIENT, without cost to SIEMENS, shall:

- (a) Designate a contact person with authority to make decisions for the CLIENT regarding the Work and provide SIEMENS with information sufficient to contact such person in an emergency;
- (b) Coordinate the work of contractors under CLIENT's sole control so as not to disrupt the Work and Services proceeding in an efficient manner;
- (c) Provide or arrange for 24 hour, 7 day per week access and make all reasonable provisions for SIEMENS to enter any Facility where Work is to be performed so that Work may proceed in an efficient manner;
- (d) Permit SIEMENS to control and/or operate all building controls, systems, apparatus, equipment and machinery necessary to perform the Work;
- (e) Furnish SIEMENS with blueprints, surveys, legal descriptions, waste management plans and all other available information pertinent to the Work and any Facility where the Work is to be performed as may be reasonably requested by SIEMENS. Such plans and blueprints, along with an executed copy of this Agreement, with its Exhibits, shall be kept and maintained in CLIENT's files for a period of fifteen (15) years from the Effective Contract Date;
- (f) Furnish SIEMENS with all approvals, permits and consents from government authorities and others as may be required for performance of the Work, except for those SIEMENS has expressly agreed in writing to obtain;
- (g) [Intentionally Omitted];
- (h) Comply with Applicable Law and provide any notices required to be given to any government authorities in connection with the Work, except such notices SIEMENS has expressly agreed in writing to give;
- (i) Provide SIEMENS with legally required materials and information (including but not limited to Material Safety Data Sheets) related to all Hazardous Materials located at any Facility where the Work is to be performed;
- (j) Furnish SIEMENS with any contingency plans, safety programs and other policies, plans or programs related to any Facility where the Work is to be performed;
- (k) Operate, service and maintain all Equipment according to the manufacturer's recommendations including those set forth in the manufacturer's operating manuals or instructions, as well as all requirements of Applicable Law or of authorities having jurisdiction. The CLIENT shall furnish all needed servicing and parts for said FIMs, which parts shall become part of the FIMs. Such Equipment shall be operated only in the specified operating environment, which shall be supplied by the CLIENT, including without limitation: (1) suitable electrical service, including clean, stable, properly conditioned power, to all Equipment; (2) telephone lines, capacity and connectivity as required by such Equipment; and (3) heat, light, air conditioning or other environmental controls, and other utilities in accordance with the specifications for the Equipment;
- (l) Promptly notify SIEMENS of any unusual operating conditions, hours of usage, system malfunctions, installed equipment or building alterations that may affect the Equipment or energy usage or any Services; and,
- (m) If applicable, provide and pay for a dedicated voice grade dial-up phone line, or a mutually agreed communication method, and install a terminal block, or an equivalent communication mechanism, in a mutually agreed upon location. All on-line service Equipment (excluding the phone line) will remain the property of SIEMENS unless otherwise stated herein.

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- 6.2 Unless contrary to Applicable Law, the CLIENT acknowledges that the technical and pricing information contained in this Agreement is confidential and proprietary to SIEMENS and agrees not to disclose it or otherwise make it available to others without SIEMENS' express written consent.
- 6.3 The CLIENT acknowledges that it is now and shall at all times remain in control of the Facility. Except as expressly provided herein, SIEMENS shall not be responsible for the adequacy of the health or safety programs or precautions related to the CLIENT's activities or operations, the CLIENT's other contractor(s), the work of any other person or entity, or Facility conditions. SIEMENS shall not be responsible for inspecting, observing, reporting or correcting health or safety conditions or deficiencies of the CLIENT or others at the Facility. So as not to discourage SIEMENS from voluntarily addressing health or safety issues while at the Facility, in the event SIEMENS does address such issues by making observations, reports, suggestions or otherwise, the CLIENT shall not hold, or attempt to hold, SIEMENS liable or responsible on account thereof.

Article 7

Changes and Delays

- 7.1 As the Work is performed, Applicable Law or conditions may change, or circumstances outside SIEMENS' reasonable control may develop, which would require SIEMENS to expend additional costs, effort or time to complete the Work, in which case SIEMENS will notify the CLIENT and an equitable adjustment will be made to SIEMENS' compensation and the time for performance. In the event such changes require the Work to be suspended or terminated, SIEMENS shall be compensated for Work previously performed and for costs reasonably incurred in connection with the suspension or termination.
- 7.2 Either party may request additions, deletions, modifications or changes to the Work. Any such requests shall only become effective upon execution of a written agreement by authorized representatives of both Parties.
- 7.3 The CLIENT believes that the Services and Work are fully defined in the Agreement and Exhibits and that change orders will not be necessary. However, in the event that a change order is required, SIEMENS shall review the scope of work to be performed under the Agreement to suggest alternatives that can be implemented to offset the cost increase of any necessary changes without sacrificing the quality and/or scope of the Agreement specifications. All change orders and alternative suggestions must be approved by the Village prior to execution. A written change order must be issued by the Village Manager prior to commencing any additional work covered by such order. Work performed without proper authorization shall be at SIEMENS' sole risk and expense.
- 7.4 All change orders which authorize a net increase or decrease in the cost of the contract of \$10,000 or more, or in the time of completion by 30 days or more, require a written determination supporting the change, executed first by SIEMENS, then by the Board of Trustees of the CLIENT, or its authorized representative. Requests for change orders must state that the circumstances said to necessitate the change were not reasonably foreseeable at the time the contract was signed and were not within the contemplation of the contract as signed.
- 7.5 SIEMENS may, with the CLIENT's consent, which will not be unreasonably withheld, substitute alternative parts, goods or equipment in the performance of the Work, provided that any such substitution shall be of an equal or better quality.
- 7.6 Neither CLIENT nor SIEMENS shall not be responsible for loss, delay, injury, damage or failure of performance that may be caused by circumstances beyond its control (excluding payment obligations), including but not restricted to acts or omissions by the CLIENT or its employees, agents or contractors, Acts of God, war, civil commotion, acts or omissions of government authorities, fire, theft, corrosion, flood, water damage, lightning, freeze-ups, strikes, lockouts, differences with workmen, riots, explosions, quarantine restrictions, delays in transportation, or shortage of vehicles, fuel, labor or materials. In the event of such delay or failure, the time for performance shall be extended by a period equal to the time lost. Additionally, Siemens shall be entitled to a reasonable recovery period. If any such delay exceeds sixty (60) days, SIEMENS may terminate this Agreement upon three (3) days notice to the CLIENT and the CLIENT shall promptly pay SIEMENS for the allocable portion of the Work completed, for any costs and expenses of termination, and for any loss or damage incurred with respect to materials, equipment, tools and machinery, including reasonable overhead and profit.

Article 8

Compensation

- 8.1 The aggregate amount paid by CLIENT provides for and is solely in consideration of the Scope of Work and Services described in Exhibit A, and is detailed in Exhibit B.

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- 8.2 SIEMENS will invoice the CLIENT in accordance with the schedules set forth in Exhibit B. Unless otherwise agreed in writing, invoices are due and payable upon receipt by the CLIENT. If the CLIENT disagrees with any portion of an invoice, it shall notify SIEMENS in writing of the amount in dispute and the reason for its disagreement within 21 days of receipt of the invoice, and shall pay the portion not in dispute.
- 8.3 SIEMENS may suspend or terminate the Work or Services at any time if payment is not received when due. In such event, SIEMENS shall be entitled to compensation for the Work or Services previously performed and for costs reasonably incurred in connection with the suspension or termination.
- 8.4 On amounts not paid within thirty (30) days of invoice date, the CLIENT shall pay interest from invoice date until payment is received at the lesser of 12% per annum or the maximum rate allowed by law. The CLIENT shall reimburse SIEMENS for SIEMENS' costs and expenses (including reasonable attorney and witness fees) incurred for collection under this Agreement.
- 8.5 Except to the extent expressly agreed herein, SIEMENS' fees do not include any taxes, excises, fees, duties or other government charges related to the Work or Services. The CLIENT shall pay such amounts or reimburse SIEMENS for any such amounts SIEMENS pays to the extent such charges are lawfully due and payable by CLIENT and have been paid or incurred by SIEMENS in furtherance thereof. If the CLIENT claims that the Work or Services is subject to a tax exemption or direct payment permit, it shall provide SIEMENS with a valid exemption certificate or permit and, unless specifically prohibited by law, shall indemnify, defend and hold SIEMENS harmless from any taxes, costs and penalties arising out of the use or acceptance of same.
- 8.6 All other work or services requested by the CLIENT, including but not limited to the following, shall be separately billed or surcharged on a time and materials basis:
- (a) Emergency services, if inspection does not reveal any deficiency covered by the Scope of Work and Services, Exhibit A;
 - (b) Work and/or services performed at times other than during SIEMENS' normal working hours, unless otherwise agreed to in Exhibit A; or
 - (c) Work and/or services performed on equipment not covered by the Scope of Work and Services, Exhibit A.

Article 9

Acceptance

- 9.1 When SIEMENS believes that all or an independent definable phase or portion of the Work is Substantially Complete, SIEMENS will submit a Certificate of Substantial Completion to the CLIENT which shall be subject to the following:
- (a) If the CLIENT concurs that the described portion of the Work as performed is Substantially Complete, the CLIENT will sign the Certificate of Substantial Completion and return it to SIEMENS;
 - (b) A Certificate of Substantial Completion may include, as an attachment to it, an Outstanding Items List prepared by SIEMENS;
 - (c) If the CLIENT does not concur that the Work is Substantially Complete, then, within thirty (30) business days of receiving the Certificate of Substantial Completion, the CLIENT shall notify SIEMENS in writing of the reasons it believes the Work is not Substantially Complete;
 - (d) If SIEMENS disagrees with the CLIENT as to whether the Work is Substantially Complete, SIEMENS shall notify the CLIENT of a dispute and such dispute shall be resolved in accordance with Section 9.3 herein;
 - (e) If, within five (5) business days of receiving the Certificate of Substantial Completion the CLIENT fails to sign the Certificate, and within the same period the CLIENT's Representative does not deliver to SIEMENS a written notice of the reasons the CLIENT believes that the Work is not Substantially Complete, then in the mutual interests of the Project proceeding in a timely manner, the CLIENT will be deemed to have agreed to, signed and returned the Certificate of Substantial Completion.
- 9.2 After the CLIENT signs and returns, or is deemed to have signed and returned to SIEMENS all of the Certificates of Substantial Completion relating to the Work, and after SIEMENS corrects and completes all of the items on all of the Outstanding Items Lists, if any, SIEMENS will submit to the CLIENT a Certificate of Final Completion which shall be subject to the following:

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- (a) If the CLIENT concurs that all of the items on all of the Outstanding Items Lists have been completed or corrected, the CLIENT will indicate its final acceptance of the Work by signing the Certificate of Final Completion and returning it to SIEMENS;
- (b) If the CLIENT does not concur that all of the items on all of the Outstanding Items Lists have been completed or corrected, then the CLIENT shall, within thirty (30) business days of receiving the Certificate of Final Completion, identify the items that, it believes, were not completed or corrected;
- (c) If SIEMENS disagrees that the items identified by the CLIENT have not been completed or corrected, SIEMENS shall notify the CLIENT of a dispute and such dispute shall be resolved in accordance with section 9.3 herein;
- (d) If, within five (5) business days of receiving a Certificate of Final Completion, the CLIENT fails to sign that Certificate, and, within the same period the CLIENT's Representative does not deliver to SIEMENS a written notice identifying the items on the Outstanding Items List(s) that, the CLIENT believes, were not completed or corrected, then the CLIENT will be deemed to have agreed to and signed and returned the Certificate of Final Completion.

9.3 Any disputes concerning the Substantial Completion or the Final Completion of the Work will be resolved by submitting the issue to a third party professional engineering firm and which is reasonably acceptable to both SIEMENS and the CLIENT. The determination of this firm with respect to Final Completion or Substantial Completion will be final and binding upon the Parties. SIEMENS and the CLIENT shall share equally the costs or fees for such firm in connection with such dispute resolution process.

Article 10

Insurance and Allocation of Risk

10.1 SIEMENS shall maintain, at SIEMENS' expense, the following insurances while performing the Work and shall add the CLIENT as an "Additional Insured" to each policy that is referenced in subsections (c) through and including (e) hereof:

- (a) Workers' Compensation at the statutory amounts and limits as prescribed by Applicable Law.
- (b) Employer's Liability insurance (and, where applicable, Stop Gap extended protection endorsement) limits of liability shall be:
 - \$1,000,000 per occurrence
 - \$1,000,000 Disease Policy
 - \$1,000,000 Each Employee
- (c) SIEMENS shall carry, in the Occurrence Coverage Form, Comprehensive General Liability or Commercial General Liability, insurance covering SIEMENS' operations and providing insurance for bodily injury and property damage with limits of liability stated below and including coverage for:
 - Products and Completed Operations
 - Contractual Liability insuring the obligations assumed by SIEMENS in this Agreement
 - Broad Form Property Damage (including Completed Operations)
 - Explosion, Collapse and Underground Hazards
 - Personal Injury Liability:
 - Limits of liability shall be \$1,000,000 per occurrence/aggregate
- (d) SIEMENS shall carry Automobile Liability Insurance in the Occurrence Coverage Form covering all owned, hired and non-owned automobiles and trucks used by or on behalf of SIEMENS providing insurance for bodily injury liability and property damage liability for the limits of:
 - \$1,000,000 per occurrence/aggregate
- (e) SIEMENS shall carry Excess Liability Insurance in the Occurrence Coverage Form with limits of:
 - \$5,000,000 per occurrence/aggregate

10.2 The CLIENT will either maintain at its own expense, or self-insure for the equivalent risks, property insurance written on a builder's "all-risk" or equivalent policy form in an amount no less than the Price identified in Exhibit B, Article 1.1, plus the value of subsequent modifications and cost of materials supplied or installed by others, on a replacement cost basis without optional deductibles. Such property insurance shall be maintained, unless otherwise provided in the Contract

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Documents or otherwise agreed in writing by SIEMENS, until final payment has been made to SIEMENS or no person or entity other than the CLIENT has an insurable interest in the property, whichever is later. The policy form shall include without limitation, insurance against the perils of fire (with extended coverage) and physical loss or damage including, without duplication of coverage, theft, vandalism, malicious mischief, collapse, earthquake, flood, windstorm, falsework, testing and start-up, rebuilding and debris removal including demolition occasioned by enforcement of any applicable legal requirements, and shall cover reasonable compensation for SIEMENS' services and expenses required as result of such insured loss. If the insurance requires deductibles or retentions, the CLIENT shall pay costs not covered because of such deductibles or retentions. This insurance shall cover portions of the Work off the Facility, and also portions of the Work in transit. Partial occupancy or use shall not commence unless the insurance company providing this insurance has consented to such partial occupancy or use by endorsement for otherwise. The CLIENT shall purchase and maintain boiler and machinery insurance which shall specifically cover such insured objects during installation and until Acceptance by the CLIENT. The insurance required by this section shall include the interests of the CLIENT, SIEMENS, subcontractor and sub-subcontractor in the Work. SIEMENS shall be included as an additional insured on each such insurance coverage. The CLIENT and SIEMENS waive all rights against each other and any of their subcontractors, sub-subcontractors, agents and employees for damages caused by fire or other causes of loss to the extent covered by the insurance required by this section and for any other property insurance applicable to the Work, except such rights as they have to proceeds of such insurance held by the CLIENT as fiduciary. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have duty of indemnification, contractual or otherwise, did not pay the insurance premium directly or indirectly, and whether or not the person or entity had an insurable interest in the property damaged. Insurance certificates shall be furnished upon request.

10.3 Title and risk of loss of materials and Equipment furnished by SIEMENS shall pass to the CLIENT upon their delivery to the Facility, and the CLIENT shall be responsible for protecting them against theft and damage.

10.4 SIEMENS will indemnify the CLIENT from and against losses, claims, expenses and damages (including reasonable attorney's fees) for personal injury or physical damage to property (collectively "Damages"). Such indemnification shall be solely to the extent the Damages are caused by or arise directly from SIEMENS or its employees', consultants' or agents' negligent acts or omissions or willful misconduct in connection with SIEMENS' performance of the Work or Services. SIEMENS' obligations under this indemnity shall not extend to Damages arising out of or in any way attributable to the negligence of the CLIENT or its agents, contractors or employees. SIEMENS reserves the right to control the defense and settlement of any claim for which SIEMENS has an obligation to indemnify hereunder. UNLESS CONTRARY TO APPLICABLE LAW, IN NO EVENT SHALL THE CLIENT OR SIEMENS BE LIABLE UNDER THIS INDEMNITY OR OTHERWISE UNDER THIS AGREEMENT FOR SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES, INCLUDING COMMERCIAL LOSS, LOSS OF USE, OR LOST PROFITS, HOWEVER CAUSED, EVEN IF SIEMENS OR THE CLIENT HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND, IN ANY EVENT, UNLESS CONTRARY TO APPLICABLE LAW, SIEMENS' AGGREGATE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES OR EXPENSES ARISING OUT OF THIS AGREEMENT, OR OUT OF ANY GOODS OR SERVICES FURNISHED UNDER THIS AGREEMENT, WHETHER BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, AGENCY, WARRANTY, TRESPASS, INDEMNITY OR ANY OTHER THEORY OF LIABILITY, SHALL BE LIMITED TO THE LESSER OF \$1,500,000 OR THE TOTAL COMPENSATION RECEIVED BY SIEMENS FROM THE CLIENT UNDER THIS AGREEMENT. The preceding limit shall not apply to the CLIENT's remedy under the Performance Guarantee as such is limited by Section 4.8.

10.5 As to Patents and Copyrights:

- (a) SIEMENS will, at its own expense, defend or at its option settle any suit or proceeding brought against the CLIENT in so far as it is based on an allegation that any Work (including parts thereof), or use thereof for its intended purpose, constitutes an infringement of any United States patent or copyright, if SIEMENS is promptly provided notice and given authority, information, and assistance in a timely manner for the defense of said suit or proceeding. SIEMENS will pay the damages and costs awarded in any suit or proceeding so defended. SIEMENS will not be responsible for any settlement of such suit or proceeding made without its prior written consent. In case the Work, or any part thereof, as a result of any suit or proceeding so defended is held to constitute infringement or its use by the CLIENT is enjoined, SIEMENS will, at its option and its own expense, either: (i) procure for the CLIENT the right to continue using said Work; (ii) replace it with substantially equivalent non-infringing Work; or (iii) modify the Work so it becomes non-infringing.

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- (b) SIEMENS will have no duty or obligation to the CLIENT under Section 10.5(a) to the extent that the Work is: (i) supplied according to the CLIENT's design or instructions, wherein compliance therewith has caused SIEMENS to deviate from its normal course of performance; (ii) modified by the CLIENT or its contractors after delivery; or, (iii) combined by the CLIENT or its contractors with items not furnished hereunder, and by reason of said design, instruction, modification, or combination, a suit is brought against the CLIENT. If by reason of such design, instruction, modification or combination, a suit or proceeding is brought against SIEMENS, unless expressly prohibited by law, the CLIENT shall protect SIEMENS in the same manner and to the same extent that SIEMENS has agreed to protect the CLIENT under the provisions of Section 10.5(a) above.
- (c) THIS SECTION 10.5 IS AN EXCLUSIVE STATEMENT OF ALL THE DUTIES OF THE PARTIES RELATING TO PATENTS AND COPYRIGHTS, AND DIRECT OR CONTRIBUTORY PATENT OR COPYRIGHT AND OF ALL THE REMEDIES OF THE CLIENT RELATING TO ANY CLAIMS, SUITS, OR PROCEEDINGS INVOLVING PATENTS AND COPYRIGHTS. Compliance with Section 10.5 as provided herein shall constitute fulfillment of all liabilities of the Parties under the Agreement with respect to the intellectual property indemnification.

10.6 The Parties acknowledge that the price for which SIEMENS has agreed to perform the Work and obligations under this Agreement was calculated based upon the foregoing allocations of risk, and that each Party has expressly relied on and would not have entered into this Agreement but for such allocations of risk.

10.7 SIEMENS shall exercise all necessary caution to protect all public and private property from injury or damage caused by the operations of SIEMENS, during the provision of Services and completion of Work. SIEMENS shall comply with all applicable safety standards. Should SIEMENS or its representatives damage property of the Village or that of other persons, the repair or replacement shall be the responsibility of SIEMENS.

10.8 SIEMENS shall provide for review a certified copy of the policy (s) to the Village upon reasonable advance written request which review shall take place at the corporate offices of Siemens Corporation in Iselin, New Jersey. The policy(s) shall provide, in the event the insurance should be canceled, such cancellation shall not be effective until thirty (30) days after the Village has received written notice from the insurance company(s). Such notice shall be mailed to the Village in care of the Innovation Director, in compliance with the notice provisions of this Agreement. SIEMENS will utilize only an insurance company having at least an "A" Policyholders Rating as listed in the most recently published "Alfred M. Best and Company Insurance Guide".

Article 11

Hazardous Materials Provisions

11.1 The Work does not include directly or indirectly performing or arranging for the detection, testing, handling, storage, removal, treatment, transportation, disposal, monitoring, abatement or remediation of any contamination of any Facility at which Work is performed and any soil or groundwater at the Facility by petroleum or petroleum products (collectively called "Oil"), asbestos, PCBs or hazardous, toxic, radioactive or infectious substances, including any substances regulated under RCRA, CERCLA or any other Applicable Law (collectively called "Hazardous Materials"), including without limitation: ionization smoke detectors, ballasts, mercury bulb thermostats, used oil, contaminated filters, contaminated absorbents, and refrigerant. Except as expressly disclosed pursuant to Section 11.2, the CLIENT represents and warrants that, to the best of its knowledge following due inquiry, there are no Hazardous Materials or Oil present where the Work is to be performed. SIEMENS will notify the CLIENT immediately if it discovers or reasonably suspects the presence of any previously undisclosed Oil or Hazardous Material. All Services have been priced and agreed to by SIEMENS in reliance on the CLIENT's representations as set forth in this Article. The discovery or reasonable suspicion of Hazardous Materials or hazardous conditions at a Facility where SIEMENS is to perform Work, or of contamination of the Facility by Oil or Hazardous Materials not previously disclosed pursuant to Section 11.2, shall entitle SIEMENS to suspend the Work immediately, subject to mutual agreement of terms and conditions applicable to any further Work, or to terminate the Work and to be paid for Work previously performed.

11.2 The CLIENT warrants that, prior to the execution of the Agreement, it notified SIEMENS in writing of any and all Oil or Hazardous Materials, to the best of its knowledge following due inquiry, known to be present, potentially present or likely to become present at the Facility and provided a copy of any Facility safety policies and information, including but not limited to lock-out and tag procedures, chemical hygiene plan, material safety data sheets, and other items covered or required to be disclosed or maintained by Applicable Law.

11.3 Regardless of whether Oil or Hazardous Material was disclosed pursuant to Section 11.2, the CLIENT shall be solely responsible for properly testing, abating, encapsulating, removing, disposing, remedying or neutralizing such Oil or

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Hazardous Materials, and for the costs thereof. Even if an appropriate change order has been entered into pursuant to Section 11.1, SIEMENS shall have the right to stop the Work until the Facility is free from Oil or Hazardous Materials. In such event, SIEMENS will receive an equitable extension of time to complete the Work, and compensation for delays caused by Oil or Hazardous Materials remediation. In no event shall SIEMENS be required or construed to take title, ownership or responsibility for such Oil or Hazardous Materials. The CLIENT shall sign any required waste manifests in conformance with all government regulations, listing the CLIENT as the generator of the waste. If someone other than the CLIENT is the generator of the waste, the CLIENT shall arrange for such other person to sign such manifests.

11.4 Except where expressly prohibited by Applicable Law, for separate consideration of \$10 and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the CLIENT shall indemnify, defend and hold SIEMENS harmless from and against any damages, losses, costs, liabilities or expenses (including attorneys' fees) arising out of any Oil or Hazardous Materials or from the CLIENT's breach of, or failure to perform its obligations under this Article.

11.5 For purposes of this Article 11, in the context of the phrase "to the best of its knowledge following due inquiry"; "knowledge" means actual awareness of the facts by the CLIENT's directors, officers, employees or agents, or the presence of relevant information contained in the CLIENT's books or records; and, "due inquiry" means inquiry of those persons under the CLIENT's control who should have knowledge of the subject matter of such inquiry.

Article 12

Miscellaneous Provisions

12.1 Notices between the Parties shall be in writing and shall be hand-delivered or sent by certified mail, express courier, or acknowledged telefax properly addressed to the appropriate party. Any such notice shall be deemed to have been received when delivered in-person or when sent by telefax, or five (5) business days subsequent to deposit in the U.S. mails, or one (1) day after deposit with express courier. Notices to be sent to the CLIENT using address and contact information for it shall be as provided on page 2 of the Agreement.

12.2 Neither the CLIENT nor SIEMENS shall assign or transfer any rights or obligations under this Agreement, except that either party may assign this Agreement to its affiliates and SIEMENS may use subcontractors in the performance of the Work or Services. Nothing contained in this Agreement shall be construed to give any rights or benefits to anyone other than the CLIENT and SIEMENS without the express written consent of both Parties.

12.3 This Agreement shall be governed by and construed in accordance with the laws of the state or commonwealth within which the Facilities are located.

12.4 This Agreement and all provisions of this Agreement allocating responsibility or liability between the Parties shall survive the completion of the Work, the Services, and the termination of this Agreement.

12.5 Unless contrary to Applicable Law and with the exception of disputes arising under Article 4 or Article 9, all disputes not resolved by negotiation between the Parties shall be resolved in accordance with the Commercial Rules of the American Arbitration Association in effect at that time, except as modified herein. All disputes shall be decided by a single arbitrator. A decision shall be rendered by the arbitrator no later than nine months after the demand for arbitration is filed, and the arbitrator shall state in writing the factual and legal basis for the award. No discovery shall be permitted. The arbitrator shall issue a scheduling order that shall not be modified except by the mutual agreement of the Parties. Except as provided in Article 8.4, the arbitrator shall have no authority to award, and shall not award, attorneys' fees. Judgment may be entered upon the award in the highest state or federal court having jurisdiction over the matter.

12.6 SIEMENS' performance of the Work and Services is expressly conditioned on the Parties assenting to all of the terms of this Agreement, notwithstanding any different or additional terms contained in any writing at any time submitted or to be submitted by a Party to the other Party relating to the Work or Services, even if signed by the Parties, unless the written statement expressly indicates that such terms supersede the terms of this Agreement

12.7 Any provision of this Agreement found to be invalid, unlawful or unenforceable by a court of law shall be ineffective to the extent of such invalidity, and deemed severed herefrom, without invalidating the remainder of this Agreement. All other provisions hereof shall remain in full force and effect.

12.8 The waiver by a party of any breach by the other party of any term, covenant or condition hereof shall not operate as a waiver of any subsequent breach hereof. No waiver shall operate or be effective unless made in writing and executed by the party to be bound thereby.

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- 12.9 In the event that Applicable Law or the CLIENT requires that SIEMENS procure a performance bond and/or a payment bond, SIEMENS shall provide a performance and payment bond in the amount of \$3,059,554.00. The performance and payment bond will solely apply to the Work performed during the Construction Period and to the required statutory lien filing period thereafter. The performance and payment bond will not apply to any of the obligations included in the Performance Assurance, Exhibit C. Furthermore, the CLIENT's funding source may be named as "Co-Obligee" on the performance bond if so requested by the CLIENT.
- 12.10 In the event that Applicable Law or the CLIENT requires that SIEMENS procure a performance bond and/or a payment bond," and replacing it with the following: SIEMENS will be required to submit an acceptable performance and payment bond for 100% of the contract amount of work to be completed, in the amount of \$3,059,554.00. If at the end of the completed project SIEMENS has suitably performed and has fulfilled the terms of the Agreement, the Innovation Director will, upon request, issue to SIEMENS and the bonding company a release from all liability under the terms of the issued performance and payment bonds. Issuance of this release will not relieve SIEMENS, its Subcontractors, or their insurance carriers from satisfactorily resolving any and all liability and/or damage claims incurred during the full term of the Agreement.
- 12.11 SIEMENS shall maintain books, records, documents and other evidence directly pertinent to performance of the work under this Agreement as may be required by and consistent with generally accepted accounting standards in accordance with the American Institute of Certified Public Accountants Professional Standards. SIEMENS shall also maintain the financial information and data used by SIEMENS in the preparation or support of any cost submissions required under this Agreement. The CLIENT or any of its duly authorized representatives shall have access to the non-proprietary books, records, documents, and other evidence for purposes of inspection, audit, and copying as may be legally required. SIEMENS agrees to the disclosure of all non-proprietary information and reports resulting from access to records pursuant to the subsection above, as may be legally required. Records covered herein shall be maintained and non-proprietary records made available during performance of the Services or the Work under this Agreement and until three years from the date of final audit for the project.

Article 13

Maintenance Services Program

- 13.1 If applicable, the scope of Services provided by SIEMENS for the Maintenance Services Program is stated in Exhibit A.
- 13.2 The CLIENT represents that all equipment not installed by SIEMENS under this Agreement and subject to a MSP is in satisfactory working condition. SIEMENS will have inspected all such equipment within the first thirty (30) days of MSP commencement or no later than the first scheduled inspection. Testing and inspection will not be deemed to be complete until all such equipment has been so tested and inspected.
- 13.3 If the equipment is altered or moved by any person, including the CLIENT, other than SIEMENS or a person authorized by SIEMENS, the CLIENT shall immediately notify SIEMENS in writing, and SIEMENS reserves the right to perform a reacceptance test on, or if necessary a re-commissioning of, the system at the CLIENT's expense.
- 13.4 If SIEMENS reasonably determines as a result of such inspection and/or testing that any equipment requires repair or replacement, the CLIENT will be so notified and shall take corrective action within thirty (30) days, or such equipment shall be removed from coverage hereunder without further action by the Parties. SIEMENS is not liable or responsible for the continued testing, maintenance, repair, replacement or operating capabilities of any portion of the equipment until it has been inspected and/or tested and has been, if necessary, restored to an acceptable initial condition at the CLIENT's sole expense. Any services provided by SIEMENS in the course of such restoration will be separately charged on a time and materials basis, and not included in fees paid hereunder. If individual items of equipment cannot, in SIEMENS' sole determination, be properly repaired or replaced due to age, obsolescence, lack of availability of refrigerant gas, halon gas, necessary parts, materials, compatibility or otherwise, or as a result of excessive wear or deterioration, SIEMENS may, within ten (10) days of such inspection, give written notice that it is withdrawing such items from coverage under the MSP and adjust the MSP payments due hereunder accordingly.
- 13.5 If the removal of equipment from coverage would compromise or impair the integrity of the Work, Services or compliance with law of any system, then SIEMENS will provide a written statement thereof for execution by the CLIENT. The CLIENT's failure to execute such statement within ten (10) days will void the MSP and release SIEMENS from any further obligations with respect to the MSP.

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13.6 If the MSP scope of Services provides for equipment maintenance, repairs and/or replacements of equipment by SIEMENS, those Services are limited to restoring the proper working condition of such equipment. SIEMENS will not be obligated to provide replacement equipment that represents significant capital improvement compared to the original. Exchanged components become the property of SIEMENS, except Hazardous Materials, which under all circumstances remain the property and responsibility of the CLIENT.

13.7 Neither party shall at any time, either directly or indirectly, disclose, use or communicate or attempt to disclose, use or communicate to any person, firm, or corporation any Confidential Information belonging to the other party. Confidential Information is any proprietary, business, financial, technical or operational information of SIEMENS or the CLIENT. The party receiving Confidential Information ("Receiving Party") of the other ("Disclosing Party") shall not, and shall cause its employees or agents not to, use Confidential Information for any purpose except as necessary to implement, perform or enforce this Agreement. SIEMENS and the CLIENT shall treat such Confidential Information at all times as confidential. Siemens and the CLIENT acknowledge that the disclosure of any Confidential Information without the Disclosing Party's express authorization would be harmful and damaging to the Disclosing Party's interests.

Each party may disclose Confidential Information to the other party. For such Confidential Information to be subject to the terms of this Agreement, it must be conspicuously marked by the Disclosing Party as "Confidential," "Proprietary," "Restricted," or other similar marking. Verbal or visual disclosures shall be deemed Confidential Information from the date of the disclosure provided that: (i) it is indicated at the time of the disclosure that the information is confidential or proprietary; and (ii) within thirty (30) calendar days of the date of the disclosure, the essence of the oral or visual disclosure is reduced to writing, marked in accordance with this Section and transmitted to the Receiving Party. Compilations of resident names and addresses, resident lists, resident information reports, any other resident information and CLIENT financial information that is provided by the CLIENT to Siemens under this Agreement shall be deemed Confidential Information. Each Receiving Party will use Confidential Information only in connection with the business purpose of the Letter and for no other purpose.

The Receiving Party will use the same reasonable efforts to protect the Confidential Information of Disclosing Party as it uses to protect its own proprietary information and data. Prior to disclosing the Confidential Information to its employees or agents in the course of the performance of the Agreement, Receiving Party shall inform them of the confidential nature of the Confidential Information and require them to abide by the terms of this Agreement. Receiving Party will promptly notify Disclosing Party if Receiving Party discovers any improper use or disclosure of Confidential Information and will promptly commence all reasonable efforts to investigate and correct the causes of such improper use or disclosure.

Confidential Information will not include any information or data if the Receiving Party can show that such information: (1) was or becomes generally available to the public through no breach of this Letter by receiving party; (2) was rightfully in the receiving party's possession prior to receipt from the disclosing party; (3) becomes rightfully available to the receiving party from a source other than the Disclosing Party who is free to lawfully disclose such information to the Receiving Party; (4) is approved for release by written agreement of the Disclosing Party; or (5) is independently developed by the Receiving Party, as evidenced by written records, without the use of the Disclosing Party's Confidential Information. Confidential Information shall not be deemed to be in the public domain merely because any part of the Confidential Information is embodied in general disclosures or because individual features, components or combinations thereof are known or become known to the public.

In the event the Receiving Party is required by a court or federal, state or local agency to disclose Confidential Information, such Receiving Party shall promptly notify the Disclosing Party of such order so that the Disclosing Party may seek a protective order or take any other action as it deems appropriate. In such circumstances, the Receiving Party shall exercise all reasonable efforts to disclose only the minimal amount of Confidential Information required to satisfy such order.

Notwithstanding anything herein to the contrary, in the event that the CLIENT has in its possession and receives a request under the Illinois Freedom of Information Act (5 ILCS 140/1 et seq.) ("the Act"), or similar law for the disclosure of information that Siemens has designated as confidential, trade secret or proprietary the CLIENT shall notify Siemens of such request and cooperate with Siemens in opposing such request.

Article 14

Regulatory Provisions

PERFORMANCE CONTRACTING AGREEMENT

By signing this Agreement, SIEMENS acknowledges the following statutory requirements and certifies the following:

14.1 SIEMENS at all times during the term of this contract shall observe and abide by all Federal, State, and local laws which are in any way applicable to the conduct of the work and shall comply with all decrees and order of courts of competent jurisdiction.

14.2 SIEMENS shall comply fully and completely with any and all applicable State and Federal statutes, rules and regulations as they relate with hiring, wages, and any other applicable conditions of employment as further detailed in these specifications, including but not limited to Title 7 of the Civil Rights Act of 1964, the Immigration Reform and Control Act, the Americans With Disabilities Act, as amended, the Illinois Drug-Free Workplace Act, Article 33E of the Illinois Criminal Code of 1961 and the Illinois Human Rights Act (775 ILCS 5/1-101, et seq.).

14.3 With regard to the Illinois Human Rights Act, SIEMENS hereby agrees that this Contract shall be performed in compliance with all requirements of the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., and that SIEMENS and its Subcontractors shall not engage in any prohibited form of discrimination in employment as defined in that Act and shall maintain a sexual harassment policy as the Act requires.

Pursuant to Section 2-105 (A)(4) of the Illinois Human Rights Act, the Contractor and each subcontractor shall adopt and maintain written sexual harassment policies that shall include, at a minimum, the following information:

- (1) the illegality of sexual harassment;
- (2) the definition of sexual harassment under state law;
- (3) a description of sexual harassment, utilizing examples;
- (4) the Contractor/subcontractor's internal complaint process, including penalties;
- (5) the legal recourse, investigative and complaint process available through the Department and Commission (of Human Rights);
- (6) directions on how to contact the Department and the Commission; and
- (7) protection against retaliation as provided by Section 6-101 of the Illinois Human Rights Act.

14.4 SIEMENS shall maintain, and require that its subcontractors maintain, policies of equal employment opportunity which shall prohibit discrimination against any employee or applicant for employment on the basis of race, religion, color, sex, national origin, ancestry, citizenship status, age, marital status, physical or mental disability unrelated to the individual's ability to perform the essential functions of the job, association with a person with a disability, or unfavorable discharge from military service. SIEMENS and all subcontractors shall comply with all requirements of the Act and of the Rules of the Illinois Department of Human Rights with regard to posting information on employees' rights under the Act.

14.5 With regard to the Illinois Drug-Free Workplace Act, SIEMENS, having 25 or more employees, certifies that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the Agreement by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this Agreement by reasons of debarment for a violation of the Illinois Drug-Free Workplace Act.

14.6 The Prevailing Wage Act (820 ILCS 130.01 et seq.) prohibits the use of alcohol and controlled substances by workers employed by contractors and subcontractors while employed on any public works project. The provisions of the statute apply only to the extent SIEMENS or its subcontractors have no collective bargaining agreement in effect dealing with substance abuse by its employees.

Before any contractor or subcontractor commences work on a public works project, it must have in place a written program for the prevention of substance abuse among its employees which meets or exceeds the program requirements in the Act.

14.7 SIEMENS shall comply with all State laws to provide an equal opportunity for the employment of its workers, agents or representatives, pursuant to the Illinois Constitution, Article I, Section 17; Article I, Section 18; and the Public Works Employment Discrimination Act, 775 ILCS 10/1.

14.8 The State of Illinois requires under Public Works contracts that the general prevailing rate of wages in this locality be paid for each craft or type of worker hereunder. This requirement is in accordance with The Prevailing Wage Act (820

PERFORMANCE CONTRACTING AGREEMENT

ILCS 130) as amended. It shall be mandatory upon SIEMENS and any of its subcontractors. A copy of the prevailing wage rates is attached to this Agreement, if applicable. If the Department of Labor revises the prevailing rate of hourly wages to be paid by the Village, the revised rate, shall apply to this Agreement.

The IDOL website can be accessed for updates www.state.il.us/agency/idol.

SIEMENS is also required to insert into each subcontract and into the project specifications for each subcontract a written stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers, workers, and mechanics performing work under the Agreement. It shall also be mandatory upon each subcontractor to cause to be inserted into each lower tiered subcontract and into the project specifications for each lower tiered subcontract a stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers workers, and mechanics performing work under the contract. A contractor or subcontractor who fails to comply is in violation of the Act.

SIEMENS and each of its subcontractors shall maintain monthly, certified payrolls of the project. The certified payrolls shall consist of a complete copy of the records. The certified payrolls shall be accompanied by a statement signed by SIEMENS or subcontractor which avers that: (i) such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required; and (iii) SIEMENS or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor.

Article 1: Scope of Work and Services

1.1 **Description:** Except as otherwise expressly provided herein, SIEMENS shall provide the items of cost and expenses necessary to implement the following Facility Improvement Measures ("FIMs"), which are further described in Section 1.2 (collectively, the "Work"):

- Replacement of Water Meters with Radio Read Capabilities
- Advanced Metering Infrastructure (AMI) Upgrades

1.2 **Specific Elements:** The Work shall include the following:

1.2.1 Replacement of Water Meters with Radio Read Capabilities

SIEMENS will furnish and install new water meters, furnish and install new Smartpoint transmitters, and reprogram existing Smartpoint transmitters as outlined below. Meter and Smartpoint transmitter quantities are based on data provided by the CLIENT, and the types and quantities are listed below in Table A.1. To the extent that this information is not correct, the parties will confer and amend the Scope of Work as provided in Article 1.3 of Exhibit B, as applicable. Installation costs will be charged and credited using the unit price schedule shown in Exhibit B Table B.1.

Table A.1, Meter & Transmitter Quantities

Meter Replacement	
Scope of Work	Estimated Quantity
5/8, 3/4"S Sensus iPERL	4,777
3/4" Sensus iPERL	0
1" Sensus iPERL	1,592
1 1/2" Sensus OMNI R2	129
2" Sensus OMNI R2	103
2" Sensus OMNI C2	4
3" Sensus OMNI C2	22
4" Sensus OMNI C2	3
Total	6,630
Smartpoint Transmitters	
Scope of Work	Estimated Quantity
Furnish & Install new Sensus 510-M Smartpoint transmitter	3,000
Reprogram existing Sensus 510-M Smartpoint transmitter	3,591
Total	6,591

The following items are not currently included in the scope of work for this project. Additional cost (Per Item or Time & Material) for these items are listed in Exhibit B Table B.2, Out of Scope Contract Price Adjustments. SIEMENS can include these items on an as-needed basis:

- Furnish and install new communication wire (Per Item).
- Furnish and Install new water meter isolation valve to replace defective/leaking meter isolation valve located inside the facility (Per Item).
- Furnish and install electrical grounding strap (Per Item).
- Perform plumbing modifications as required to accommodate non-standard meter lay lengths, changes to the meter size, or meter couplings, repair leaks, etc. (Time and Material).

To the extent that any additional work not priced in the scope as of the Effective Date is added, and that such work causes the total project cost to exceed the then current total project savings, additional Guaranteed Savings will be required in an amount equal to or greater than the Savings deficit created in order for the work to be undertaken.

It is represented by CLIENT to SIEMENS, and is an assumption of the Parties, that the components of the new AMI system will properly fit inside of CLIENT's current meter environment where applicable unless lay-length or other rework is specifically stated in this Scope of Work, or a size change is desired by the client. To the extent that this assumption is incorrect, SIEMENS will present CLIENT with a cost (time and material) to remedy the same, and will gain approval before proceeding, which approval shall not be unreasonably withheld.

SIEMENS has done its due diligence to verify that the meter and Smartpoint transmitter quantities listed in Table A-1 above are accurate and CLIENT is in agreement with these quantities.

The CLIENT will be responsible for all line breaks, unless and to the extent the break is caused by SIEMENS negligence in which SIEMENS will be responsible on a comparative basis.

All removed meters shall become unavailable to the CLIENT. The final reading of the removed old meter will be provided from the direct read dial face of the meter, If the reading is illegible due to dial face condition, SIEMENS will break the glass of the dial face to obtain the final reading, with CLIENT's permission which is granted in advance. All final reads will be photo documented.

SIEMENS will work on the CLIENT's behalf to manage recycling of the removed water meters. CLIENT will receive any monetary value of these recycled meters.

Meter Access Procedure for the Project is outlined below:

- SIEMENS will draft an introductory letter to be approved by the CLIENT and sent by SIEMENS to customers describing the project, outlining the work to be done and what can be expected as installations move forward. SIEMENS will establish an appointment system where water customer will call in or go online to establish a date

and time for each appointment. SIEMENS will attempt to access the meter during normal construction hours.

- Following mailing of letter to customers, SIEMENS will send out a series of three postcards in an attempt to get the water customer scheduled for a meter replacement. SIEMENS will make at least three attempts to schedule an appointment over a period of two calendar weeks.
- Each attempt to access the meter will be documented with a date and time recorded electronically into the SIEMENS installation portal.
- After the third documented attempt, SIEMENS will return the account to CLIENT for access assistance as a Return To Utility ("RTU").
- CLIENT will take reasonable actions, including service disconnection as allowed by CLIENT ordinances, as a means to gain access to the RTU account.
- If during project closeout the account remains inaccessible, the account will be deemed permanently inaccessible and removed from the project scope. To the extent that SIEMENS obligations under the Performance Guarantee are adversely impacted by not being able to implement the Work due to facility inaccessibility, such obligations deemed satisfied with no further liability as to SIEMENS under this Agreement and it shall have no obligation to make any shortfall payments caused by any Savings Shortfall due to inaccessible account(s) during the Construction Period, which Savings Shortfall payments are waived by CLIENT.
- SIEMENS must ensure that installation staff wears Lake Zurich contractor photo identification cards at all times, and present it upon meeting any residents or customers. SIEMENS installers will drive marked vehicles and wear SIEMENS shirts. SIEMENS installation staff shall conduct themselves in a professional manner and maintain a presentable appearance in the field.

SIEMENS will coordinate closely with the CLIENT staff for scheduling and workflow as each route is installed. SIEMENS will create and maintain a project installation web portal that will have current information as to location of work crews, routes completed and other relevant information.

Install crews will document and digitally photograph the meter and Smartpoint transmitter serial numbers, meter size, and the final reading from the existing register prior to removal; and will photograph and document the new meter and Smartpoint serial numbers, new meter size, latitude, longitude, and configure, program and verify communication of each new set upon installation. The installer will present the final read of the old meter for resident signature. As each route is completed, the commissioning and acceptance plan described will be performed to verify proper performance.

Should SIEMENS encounter an inoperable meter isolation valve during the new meter installation; SIEMENS will attempt to operate the curb stop to facilitate meter installation. SIEMENS will contact CLIENT Public Works if they need assistance operating or locating the curb stop, but the CLIENT should make an effort to pre-locate curb stops prior to install. If the curb stop needs to be serviced or SIEMENS is unable to locate it, SIEMENS will classify the account as RTU. Upon resolution of the issue, the CLIENT will return the account to SIEMENS for rescheduling.

A successful and complete meter installation is defined as:

- The new meter is installed to manufacturer's specifications and is free of leaks and the Smartpoint is communicating via the Sensus Analytics AMI network.

- The new meter data is successfully imported into the CLIENTS existing Superior utility billing software, and the CLIENT can produce a billing on the new meter.

Public Outreach Responsibilities:

- SIEMENS will provide a description of the project, and a list of frequently asked questions that CLIENT can include on the utility website to inform residents about the project
- SIEMENS will attend an informational town hall meeting scheduled by the CLIENT, at a mutually agreed upon time, to provide a question and answer period for the residents
- SIEMENS will provide residents with a 24-hour call response number to contact in the case of a problem with the installation of a meter.
- All forms of media relations and documents used to communicate with water customers shall be reviewed and approved of by the CLIENT and SIEMENS prior to use by SIEMENS.

Exclusions:

- Repair of any existing leaks found prior to beginning the meter retrofit.
- Repair of any leaks which occur outside of the immediate area on either side of the meter connection work area.
- Installation of strainers, test valves, bypasses or piping modifications, except as expressly stated in this contract.
- Replacing old or damaged service pipe, either from the City-side or the customer side.
- Furnishing and installation of new valves.
- Correcting any observed plumbing code violations.
- Re-plumbing settings to accommodate non-standard meter lay lengths, changes to the meter size, or meter couplings.
- Environmental abatement or remediation work.

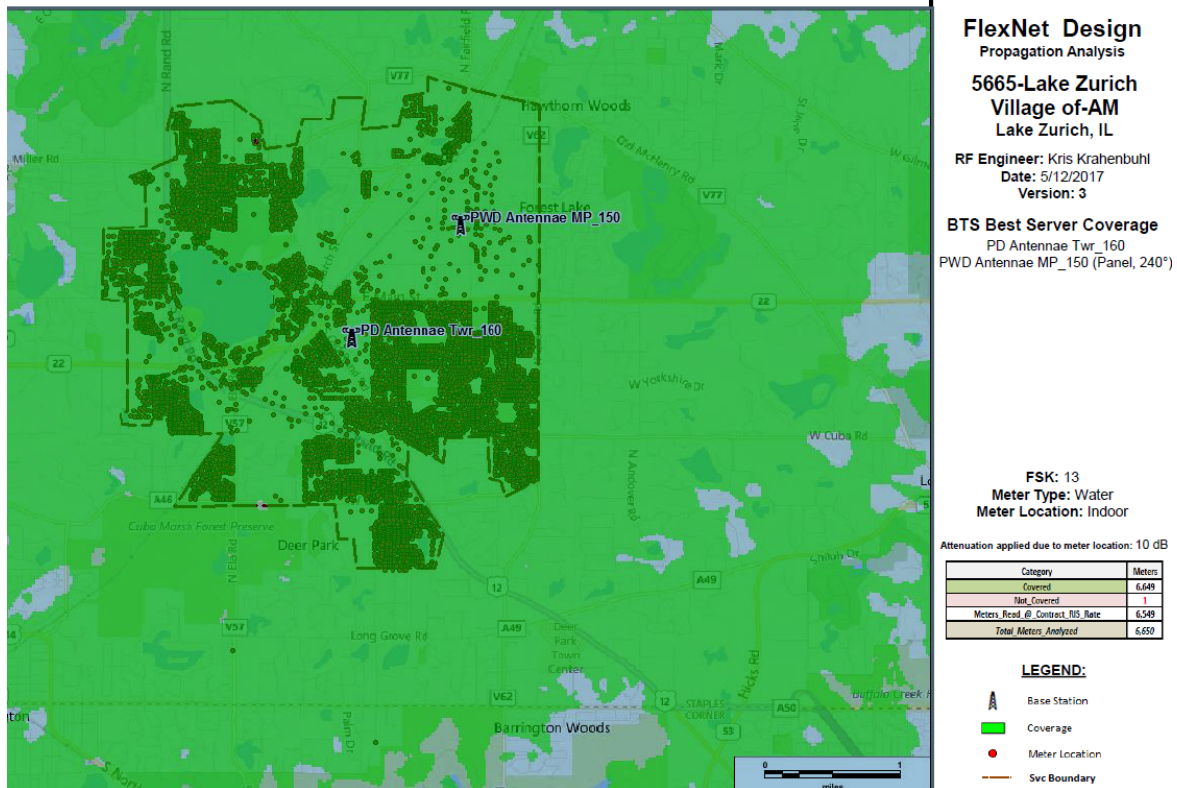
1.2.2 Advanced Metering Infrastructure (AMI) Upgrades

SIEMENS will install a new Sensus Analytics Fixed Network AMI system as selected by the CLIENT and provide material and labor to make the system functional, which includes installation of the following:

- Sensus Analytics Fixed Network AMI system which includes:
 - Two (2) Sensus M400 Tower Gateway Base Stations (See Table A.2).
 - One (1) 6501 Handheld, Command Link.
 - Project and Data Training.

Table A.2, Base Station Locations

Facility ID	Location	Description
Police Station	LAT 42-11-39.84 N / LONG 88-05-05.28 W	Existing 180' monopole tower
Public Works Building	LAT 42-12-22.86 N / LONG 88-04-08.73 W	Existing 150' monopole tower



- For each base station location, CLIENT shall coordinate with SIEMENS and Sensus to provide an A/C power. CLIENT shall also provide backhaul for each location.

SIEMENS shall also include a mass meter transfer program, integration data sync programs, and system commissioning. SIEMENS will work with the CLIENT, Sensus and Superion to validate programs before mass installations begin. A description of the Data Integration Programs is as follows:

- Writing of a program to update billing system with new and old meter data through batch updates to the CLIENT's water billing system. The modification is to be thoroughly tested on the test database before put into use on the live database. All updates are completed and monitored by SIEMENS IT staff.
- Interface Program between the Sensus Analytics software package and the CLIENT billing system. The IT staff required to make this interface a success will be included as part of this project. This interface typically includes the generation of text (.txt) or comma separate value (.csv) file format. This file will be exported from the Sensus Analytics software package once the readings have been completed and the CLIENT

- is ready for billing. The file will then be imported into the CLIENT billing program. Billing can then be completed as usual by the CLIENT.
- An IT person will be assigned to the project and will interface with the installation team, the CLIENT, Sensus and Superion to ensure the smooth transition of the data from the collection system to the billing software. This person will be onsite, as needed, to provide this service.
 - Turnkey AMI system start up/testing/commissioning;
 - Onsite field training to include 5 days, for 5 people
 - Training on use of AMI System and Meters
 - Training for field personnel of proper installation and maintenance of system;
 - Training on the use of interface billing software to Sensus Analytics data collection system.
 - Supplemental Training as necessary
 - A Staffing Plan

Exclusions:

- Any fees associated with any tower lease agreement.
- Any ongoing service fees charged by manufacturers of software, meters, or AMI system.
- Compliance with state or local requirements/environmental reviews is not included in SIEMENS scope.
- Any repairs or upgrades to the existing electrical system required by the applicable inspecting authority. In the event SIEMENS is required to perform such work, it shall be considered an extra and subject to additional compensation to SIEMENS.
- Any landscaping work beyond the original state of the site
- Any deficiencies in existing electrical system at sites chosen for base stations, including proper grounding and bonding.
- Any repairs or upgrades to the existing system required by any applicable inspecting authority. In the event SIEMENS is required to perform such work, it shall be considered an extra and subject to additional compensation to SIEMENS.
- Any permitting fees required by any State, local or Federal agency for installation of the base stations.
- Any environmental remediation or abatement work.

1.3 Technical Specifications, Drawings, and Exhibits:

- All O&M manuals, wiring diagrams, and manufacturer's warranties to be supplied to CLIENT. Three hard copies and one digital copy of all manuals shall be provided to the CLIENT

CLIENT'S Responsibilities (in addition to those in Article 6 of the Agreement):

- Provide a designated representative to interface with SIEMENS on all issues related to the project.
- Provide for timely review of project schedules and submittals (typically a 5-day approval turn-around unless otherwise specified).

- Provide escorts as required in public facilities, all such access must be scheduled 24 hours in advance.
- Provide for timely review and approval of completed Work.
- Provide for timely uploading of meter change out batch files (typically a 5-day period).
- CLIENT will be responsible for the monthly service fee for the backhaul communication for the water meter AMI system.
- Isolating the utility system to allow for meter/valve change out, including identification of all shut-off valves and curb stops as required; CLIENT shall continue to be responsible for reading meters until all commissioning and acceptance plan steps are completed for the AMI system.
- CLIENT shall continue to be responsible for reading meters until all commissioning and acceptance plan steps are completed for the AMI system.
- For sites with adjacent available power, CLIENT shall provide 120 VAC power to the data collection units at the locations determined by the propagation study, as well as any necessary grounding.
- CLIENT responsible for locating and identifying any underground utility lines within any proposed trenching path for each site. SIEMENS reserves the right to handle any deviation from proposed trenching path as a change in scope of work, and issue a change order;
- CLIENT shall select a communication link at each of the data collection unit locations that will be able to transmit data from the base station back to the Regional Network Interface (RNI) for processing.
- CLIENT shall provide assistance in locating Hard to Find meters.
- CLIENT shall, with SIEMENS assistance, obtain legal rights to install, operate and maintain any and all parts of the collection system at proposed locations.
- CLIENT shall work with SIEMENS to validate the Data Integration Programs and run test billings.

Article 2: Work Implementation Period

- 2.1 *Commencement of Work:* SIEMENS shall commence the Work within **thirty (30)** days from the Effective Contract Date and shall perform the Work diligently, and shall complete the Work within one calendar year from the day of commencement.
- 2.2 *Milestones:* Specific scheduling milestones and coordination requirements will be defined in Project schedule.

Article 3: Scope of Performance Assurance Services Program (PASP)

- 3.1 PASP Services will commence on the Guarantee Date and shall be performed annually for the Performance Guarantee Period unless terminated earlier by CLIENT in accordance with terms and conditions of the Agreement.
- 3.2 SIEMENS will provide the following PASP Services and Deliverables annually:
- Water meter accuracy testing.

- Determination of the Calculated Billable Usage Increases, based on baseline consumption and most recent tested meter accuracy tests.
- One (1) Performance Assurance Report, to be provided within (90) calendar days of the anniversary of the Guarantee Date for the period of the PASP.

Article 4: Scope of Services-Maintenance Services Program

CLIENT has elected to self-implement maintenance, in accordance with manufacturers' recommendations and prudent industry standards. Therefore SIEMENS shall not perform any on-going maintenance services, although the Parties may negotiate a separate agreement for such services at a later date. CLIENT agrees that it will maintain the equipment per manufacturer specifications and that it will operate the Equipment in accordance with the Contracted Baseline described in Article 7 of Exhibit C. If CLIENT fails to properly maintain or operate the Equipment, per manufacturer's recommendations, which will be detailed in provided operations and maintenance manuals, SIEMENS shall have the right to modify the Performance Guarantee pursuant to Article 4 of the Agreement.

By signing below, this Exhibit A is attached to and made a part of the Agreement between SIEMENS and the CLIENT.

CLIENT: Village of Lake Zurich,
Illinois

Signature: _____

Printed Name: _____

Title: _____

Date: _____

SIEMENS: Siemens Industry, Inc.

Signature: _____

Printed Name: _____

Name: _____

Title: _____

Date: _____

SIEMENS: Siemens Industry, Inc.

Signature: _____

Printed Name: _____

Name: _____

Title: _____

Date: _____

Article 1: Payment for Scope of Work

- 1.1 **Price:** As full consideration of the Work as described in Exhibit A, Article 1: Scope of Work, the CLIENT shall pay to SIEMENS \$3,199,425.58 plus taxes if applicable.

The Contract Price is based on the quantities and cost given in Table B.1 below.

Table B.1, Quantities and Cost

Item	Quantity	Unit Cost	Extended Cost
5/8, 3/4S" Sensus iPERL meter – material only	4,777	\$117.30	\$560,342.10
3/4" Sensus iPERL meter – material only	0	\$146.63	\$0.00
1" Sensus iPERL meter – material only	1,592	\$172.43	\$274,510.15
1.5" Sensus OMNI R2 meter – material only	129	\$439.88	\$56,743.88
2" Sensus OMNI R2 meter – material only	103	\$615.83	\$63,429.98
2" Sensus OMNI C2 meter – material only	4	\$1,196.46	\$4,785.84
3" Sensus OMNI C2 meter – material only	22	\$1,515.52	\$33,341.35
4" Sensus OMNI C2 meter – material only	3	\$2,633.39	\$7,900.16
510M Smartpoint Transmitter SP T/C (Non-Pit) – material only	3,000	\$114.95	\$344,862.00
Install 1" and smaller Sensus iPERL meter and new Smartpoint transmitter – labor only	2,928	\$126.13	\$369,308.64
Install 1" and smaller Sensus iPERL meter and reprogram existing Smartpoint transmitter – labor only	3,441	\$123.14	\$423,724.74
Reprogram existing Smartpoint transmitter only – labor only	150	\$76.00	\$11,400.00
Install new Smartpoint transmitter only on existing test meters – labor only	72	\$83.52	\$6,013.44
Install 1.5" Sensus OMNI R2 meter – labor only	129	\$326.78	\$42,154.62
Install 2" Sensus OMNI R2 meter – labor only	103	\$385.28	\$39,683.84
Install 2" Sensus OMNI C2 meter – labor only	4	\$490.58	\$1,962.32
Install 3" Sensus OMNI C2 meter – labor only	22	\$765.53	\$16,841.66
Install 4" Sensus OMNI C2 meter – labor only	3	\$1,122.90	\$3,368.70
Tower Infrastructure and Equipment Installation	1	\$168,514.00	\$168,514.00
Mobilization/Testing/Warehouse	1	\$78,367.75	\$78,367.75
Project Development	1	\$192,155.00	\$192,155.00
Performance and Payment Bond	1	\$38,237.50	\$38,237.50
Project Engineering	1	\$67,136.00	\$67,136.00
Project Management	1	\$310,925.91	\$310,925.91
Data Integration	1	\$83,716.00	\$83,716.00
Contingency Funds - CLIENT directed	1	\$ 0.00	\$ 0.00
Contract Total			\$3,199,425.58

Contract price is based on the meter and Smartpoint transmitter quantities and cost in Table B.1, but the final contract price shall be calculated using the final contract meter and transmitter quantities and their associated material and labor costs.

Table B.2, Out of Scope Contract Price Adjustments

Additional Items	Quantity	Unit Cost
Furnish and install new communication wire	Per item	\$ 85.92
Furnish and install indoor replacement valve up to 1"	Per item	\$ 206.66
Furnish and install grounding strap	Per item	\$ 24.65
Parts	Per item	Cost plus 15%
Labor hourly (billed in 30 min intervals)	Per hour	\$ 132.78

Contract price increases for the specific Out of Scope instances listed in above Table B.2 shall be calculated using the associated labor and material rate or per item rate.

- 1.2 **Timely Payments:** The CLIENT agrees to pay SIEMENS per monthly invoices. All invoices submitted to CLIENT shall include a description of the work performed and the total cost of such Work as it describes. These invoices shall contain a back up of individual completed accounts and services. CLIENT agrees to pay all invoices submitted by SIEMENS per Article 8 of the Agreement.
- 1.3 **Price and Scope Adjustments:** The Price of Three Million, One Hundred and Ninety-Nine Thousand, Four Hundred and Twenty-Five Dollars and 58 cents (\$3,199,425.58) in Exhibit B, Article 1.1 is based on information reasonably available to SIEMENS from the CLIENT respecting the various components of the Work required to perform the Work and the necessary number of meters and related equipment to fulfill the intention of the Project.
- (a) To the extent that the Project due diligence conducted once the Project commences indicates that, including those components of the Work described in Exhibit A, Section 1.1 the amount of water meters and related equipment to fulfill the intentions of the Project is greater than water meter, related equipment and labor price cost basis for the price of \$3,199,425.58, SIEMENS agrees to make reasonable efforts to include all FIMS reasonably required for the Work defined in Exhibit A, as expanded, for the price of \$3,199,425.58. If, following such efforts of SIEMENS, SIEMENS determines that due to water meter and related equipment and labor pricing it cannot include all the desired FIMS comprising the Work for \$3,199,425.58, it will therefore be necessary to request to draw down funds from construction contingency fund ("Contingency") controlled by the CLIENT, which shall be funded in the amount of zero dollars and 00 cents (\$0.00).
- (b) Any addition to the Work and attendant amendment of Exhibits A, B or C resulting from the acquisition of additional water meters or related equipment must be agreed upon by both Parties, which agreement and approval shall not be unreasonably withheld. After addition to the FIMS(s), the ultimate contract costs, cost of financing and PASP price shall not fall below the value of the guarantee performance savings identified in Exhibit C, even if Exhibit C is amended to reflect the adjusted Scope of Work.
- (c) In the event and to the extent that the Contingency Funds are insufficient to pay for such increases or CLIENT elects not to use Contingency Funds to pay for such, there will be no additional FIMS over those agreed to by the Parties as of the Effective date, unless the Parties agree to the same by way of mutually agreed Change Order.

Article 1 of Exhibit B is attached to and made a part of the Agreement between SIEMENS and the CLIENT

CLIENT: **City of Elmhurst, Illinois**

SIEMENS: **Siemens Industry, Inc.**

Signature: _____

Signature: _____

Printed Name: _____

Printed Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Signature: _____

Printed
Name: _____

Title: _____

Date: _____

Article 2: Payment for Performance Assurance Services Program (PASP)

- 2.1 **Price:** As full consideration of the Services as described in Exhibit A, Article 3, the CLIENT shall pay to SIEMENS the amounts identified in Table B.3 plus taxes, if applicable, on the dates identified therein.
- 2.2 **Performance Assurance Services Program Term:** The term of the PASP shall commence on the Guarantee Date and shall extend for either: (a) the term of the Performance Guarantee Period where multi-year obligations are allowed; or (b) for twelve (12) month periods corresponding to the term of each Annual Period.
- 2.3 **Automatic Renewal:** Where the PASP term is limited to an Annual Period, the PASP shall automatically renew for successive Annual Periods beginning on the anniversary date of Guarantee Date. Either party may request to amend the PASP at the end of an Annual Period by giving the other party at least sixty (60) days prior written notice of such amendments and such amendment shall be mutually negotiated by the Parties and effective upon a written amendment signed by both Parties prior to commencement of the next Annual Period. Each automatic renewal shall be and remain subject to the terms and conditions of this Agreement. SIEMENS obligations under the Performance Guarantee are dependent upon and subject to the express condition that the CLIENT maintains the PASP during the entire Performance Guarantee Period. The CLIENT has the right to cancel the PASP pursuant to reasonable notice at any time.
- 2.4 **Termination:** See Section 4.7 of the Agreement.

Table B.3, Performance Assurance Program Payment Schedule

Period	Annual Payments (\$)
Year 1	\$15,060.24
Year 2	\$15,512.05
Year 3	\$15,977.41
Year 4	\$16,456.73
Year 5	\$16,950.43
Year 6	\$17,458.95
Year 7	\$17,982.72
Year 8	\$18,522.20
Year 9	\$19,077.86
Year 10	\$19,650.20
Year 11	\$20,239.70
Year 12	\$20,846.90
Year 13	\$21,472.30
Year 14	\$22,116.47
Year 15	\$22,779.97
Year 16	\$23,463.36
Year 17	\$ 24,167.27
Year 18	\$ 24,892.28
Year 19	\$25,639.05
Year 20	\$26,408.22

Article 2 of Exhibit B is attached to and made a part of the Agreement between SIEMENS and the CLIENT.

CLIENT: **City of Elmhurst, Illinois**

Signature: _____
Printed _____
Name: _____
Title: _____
Date: _____

SIEMENS: **Siemens Industry, Inc.**

Signature: _____
Printed _____
Name: _____
Title: _____
Date: _____

Signature: _____
Printed _____
Name: _____
Title: _____
Date: _____

The following Articles and Tables are hereby included and made part of this Exhibit C:

Article 1: Summary of Articles and Total Guaranteed Savings

Article 1	Summary of Articles and Total Guaranteed Savings
Article 2	Measurement and Verification Options
Article 3	Performance Guarantee Period Responsibilities of CLIENT
Article 4	Measurement and Verification Plan
Article 5	Baseline Data
Article 6	Utility Rate Structures and Escalation Rates
Article 7	Contracted Baseline Data
Appendix 1	Unused
Appendix 2	Baseline Meter Testing Data
Appendix 3	Unused
Appendix 4	Rate Structures for Water and Sewer Services
Appendix 5	Unused
Appendix 6	Water Quality Report

SUPPLEMENTAL GLOSSARY:

In addition to the Glossary set forth in Article 2 of the Agreement, the following additional definitions shall apply to this Exhibit C

AMI System means Advanced Metering Infrastructure System.

AMR System – means Automatic Meter Reading System.

Baseline Period means the time period described in Article 5, Section 5.1 of this Exhibit C.

Baseline Consumption means water consumption by the CLIENT's water and sewer systems, in kgals, ccf or other, measured by the pre-existing metering system during the Baseline Period.

Adjusted Baseline Consumption means the Baseline Consumption that would have been measured, had the meters been 100% accurate.

Baseline Billable Usage means the Adjusted Baseline Consumption multiplied by the Baseline Meter Accuracy.

Measured Billable Usage means the Adjusted Baseline Consumption multiplied by the Measured Meter Accuracy.

Expected Billable Usage means the Adjusted Baseline Consumption multiplied by the Guaranteed Meter Accuracy.

Tested Baseline Meter Accuracy is the pre-retrofit measured accuracy of the existing meter, not including any accuracy degradation over time.

Baseline Meter Accuracy is the Tested Baseline Meter Accuracy of the existing meters including accuracy degradation over time, as defined in Table 5.7 of this Exhibit.

Guaranteed Meter Accuracy is the expected accuracy of the new meters installed with the new AMI/AMR System.

Measured Meter Accuracy is the post-retrofit measured accuracy of the meters installed with the new AMI/AMR System, as defined in Article 4 of this Exhibit.

Measured Usage Increase (volume) means the additional billable volume of water metered from the CLIENT's water distribution system, in volumetric units (kgals, ccf, or other), that will be calculated under the Measurement and Verification Plan for each year of the Performance Guarantee Period. The calculation will be based on the difference between the Baseline Billable Usage and the Measured Billable Usage. (For details, see Section 4.2.1 of this Exhibit C)

Measured Revenue Increase (\$) means the additional billable revenue, in dollars, that will be calculated under the Measurement and Verification Plan for each year of the Performance Guarantee Period. The calculation will be based on the Measured Usage Increase billed at the Contract Water Rates. (For details see Section 4.2.1 of this Exhibit C)

Expected Usage Increase (volume) means the additional billable volume metered through the CLIENT's water distribution systems, in kgals, ccf or other, that is expected to be metered as a result of the installation of the new meters and AMI/AMR system. The calculation will be based on the difference between the Baseline Billable Usage and the Expected Billable Usage. (For details see Section 1.1 of this Exhibit C)

Expected Revenue Increase (\$) means the additional billable revenue, in dollars, that is expected to result from the Expected Usage Increase billed at the Contract Water Rates. (For details see Section 1.2 of this Exhibit C).

Contract Water Rates mean stipulated water and sewer rates during the Performance Guarantee Period. The Contract Water Rates for each year of the Performance Guarantee Period are shown in Table 6.1.

- 1.1 Table 1.1 shows the CLIENT'S Expected Usage Increase for each year of the Performance Guarantee Period. While actual consumption may vary in each Performance Guarantee Period, the Expected Usage Increase is calculated based on Adjusted Baseline Consumption and the expectation that the new replacement meters under this Agreement will be accurate as guaranteed. Guaranteed Meter Accuracy of the meters during each year of the Performance Guarantee Period is shown in Table 1.1.

Table 1.1, Meter Accuracy Guarantee and Expected Usage Increase (Volume) – Guaranteed Savings

Performance Guarantee Period	Guaranteed Meter Accuracy	Expected 1" and Smaller Water Meter Usage Increase (kgal)
Annual Period 1	98.5%	11,914
Annual Period 2	98.5%	13,415
Annual Period 3	98.5%	14,900
Annual Period 4	98.5%	16,369
Annual Period 5	98.5%	17,824
Annual Period 6	98.5%	19,361
Annual Period 7	98.5%	20,897
Annual Period 8	98.5%	22,434
Annual Period 9	98.5%	23,970
Annual Period 10	98.5%	25,507
Annual Period 11	98.5%	27,044
Annual Period 12	98.5%	28,580
Annual Period 13	98.5%	30,117
Annual Period 14	98.5%	31,653
Annual Period 15	98.5%	33,190
Annual Period 16	98.5%	34,726
Annual Period 17	98.5%	36,263
Annual Period 18	98.5%	37,799
Annual Period 19	98.5%	39,336
Annual Period 20	98.5%	40,873
TOTALS		526,172

- Table 1.2 shows the Expected Revenue Increase in dollars for each year of the Performance Guarantee Period. These values are calculated by multiplying the Expected Usage Increase shown in Table 1.1 by the Contract Water Rates (see Table 6.1, including the stipulated Escalation Rates found in that Table).
- 1.2 Table 1.2 shows the CLIENT'S Operational Savings. The basis and methods of determining Operational Savings are described in detail in the Article 4.

Table 1.2, Total Guaranteed Expected Revenue Increase, Operational Savings and Guaranteed Savings

Performance Guarantee Period	Expected Water Meter Revenue Increase (\$)	Operational Savings (\$)	Total Savings (\$)
Annual Period 1	\$133,679.39	\$0.00	\$133,679.39
Annual Period 2	\$153,522.69	\$0.00	\$153,522.69
Annual Period 3	\$173,927.64	\$0.00	\$173,927.64
Annual Period 4	\$194,906.58	\$0.00	\$194,906.58
Annual Period 5	\$216,472.07	\$0.00	\$216,472.07
Annual Period 6	\$239,836.12	\$0.00	\$239,836.12
Annual Period 7	\$264,048.15	\$0.00	\$264,048.15
Annual Period 8	\$289,132.73	\$0.00	\$289,132.73
Annual Period 9	\$315,115.07	\$0.00	\$315,115.07
Annual Period 10	\$342,021.04	\$0.00	\$342,021.04
Annual Period 11	\$369,877.22	\$0.00	\$369,877.22
Annual Period 12	\$398,710.83	\$0.00	\$398,710.83
Annual Period 13	\$428,549.83	\$0.00	\$428,549.83
Annual Period 14	\$459,422.91	\$0.00	\$459,422.91
Annual Period 15	\$491,359.49	\$0.00	\$491,359.49
Annual Period 16	\$524,389.77	\$0.00	\$524,389.77
Annual Period 17	\$558,544.71	\$0.00	\$558,544.71
Annual Period 18	\$593,856.10	\$0.00	\$593,856.10
Annual Period 19	\$630,356.52	\$0.00	\$630,356.52
Annual Period 20	\$668,079.42	\$0.00	\$668,079.42
TOTALS	\$7,445,808.29	\$0.00	\$7,445,808.29

- 1.3 SIEMENS cannot and does not predict fluctuations in water and sewer rates. Therefore, the CLIENT and SIEMENS agree that the Expected Revenue Increase for each Annual Period will be calculated by multiplying the Expected Usage Increase, in kgals, ccf or other, by the Annual Period's stipulated water and sewer rates, including Escalation Rates shown in Table 6.1, and not the Annual Period's actual water and sewer rates.
- 1.4 SIEMENS GUARANTEES THE ACCURACY OF THE WATER METERS. THE GUARANTEED ACCURACIES ARE SHOWN IN TABLE 1.1. NOTHING HEREIN SHALL BE CONSTRUED AS A GUARANTEE THAT THE INCREASE IN ACCURACY OF THE WATER METERS WILL RESULT IN AN INCREASE IN THE CLIENT ACTUAL WATER REVENUES. Increased meter accuracy will enable the CLIENT to bill for saved water and sewer consumption which would otherwise not have been measured. However, actual revenues derived from metered water and sewer consumption depend on several variables which are not within SIEMENS' control, including variations in actual water and sewer rates, variations in overall consumption by the clients of the CLIENT, and weather conditions.
- 1.5. For the water meters installed under this contract, the determination of the annual weighted average accuracy of the test sample will follow current best practices, in accordance with IPMVP (International Performance Measurement & Verification Protocol) and as proscribed by FEMP (Federal Energy Management Program) Guidelines and the AWWA Manual of Practice M6, unless otherwise agreed by the Parties. For meter types not addressed by the AWWA standards, the AWWA testing guidelines for positive displacement meters will be used.

By signing below, this Exhibit C, comprised of 16 pages plus Appendices, is attached to and made a part of the Agreement between SIEMENS and the CLIENT.

CLIENT: **Village of Lake Zurich,
Illinois**

Signature: _____

Title: _____

Date: _____

SIEMENS: **Siemens Industry, Inc.**

Signature: _____

Printed Name: _____

Title: _____

Date: _____

Article 2: Measurement and Verification Options

2.1 Measurement and Verification (“M&V”) Options: There are five options to measure and verify energy/utility Savings: Option A - Retrofit Isolation: Key Parameter Measurement; Option B - Retrofit Isolation: All Parameter Measurement; Option C - Whole Facility; Option D – Calibrated Simulation; and Option E - Stipulated. Options A through D are part of the IPMVP. Option E-Stipulated is based on industry-accepted engineering standards and is the Option used for calculating Operational Savings.

Option A - Retrofit Isolation: Key Parameter Measurement. Savings are determined by field measurement of the key performance parameter(s) which define the energy use of the Facility Improvement Measures (FIMs) affected system(s) and/or the success of the Project. Measurement frequency ranges from short-term to continuous, depending on the expected variations in the measured parameter and the length of the reporting period. Parameters not selected for field measurement are estimated. Estimates can be based on historical data, manufacturer’s specifications, or engineering judgment. Documentation of the source or justification of the estimated parameter is required. The plausible savings error arising from estimation rather than measurement is evaluated. If applicable, the predetermined schedule for data collection, evaluation, and reporting is defined in Exhibit A, Article 3-Performance Assurance Services Program.

Option B – Retrofit Isolation: All Parameter Measurement. Savings are determined by field measurement of the energy use of the FIM-affected system. Measurement frequency ranges from short-term to continuous, depending on the expected variations in the savings and the length of the reporting period. If applicable, the predetermined schedule for data collection, evaluation, and reporting is defined in Exhibit A, Article 3-Performance Assurance Services Program.

Option C - Whole Facility: Savings are determined by measuring energy use at the whole Facility or sub-Facility level. Continuous measurements of the entire Facility’s energy use are taken throughout the reporting period. If applicable, the predetermined schedule for data collection, evaluation, and reporting is defined in Exhibit A, Article 3-Performance Assurance Services Program.

Option D - Calibrated Simulation: Savings are determined through simulation of the energy use of the whole Facility, or of a sub-Facility. Simulation routines are demonstrated to adequately model actual energy performance measured in the Facility. This Option usually requires considerable skill in calibrated simulation. If applicable, the predetermined schedule for data collection, evaluation, and reporting is defined in Exhibit A, Article 3-Performance Assurance Services Program.

Option E – Stipulated: Savings are established through mutual agreement of the CLIENT and SIEMENS. This option is the method of measurement and verification applicable to FIMS consisting either of Operational Savings or where the end use capacity or operational efficiency; demand, energy consumption or power level; or manufacturer’s measurements, industry standard efficiencies or operating hours are known in advance, and used in a calculation or analysis method that will stipulate the outcome. Both CLIENT and SIEMENS agree to the stipulated inputs and outcome(s) of the analysis methodology. Based on the established analytical methodology the Savings stipulated will be achieved upon completion of the FIM and no further measurements or calculations will be performed during the Performance Guarantee Period. If applicable, the methodology and calculations to establish Savings value will be defined in Section 4.6 of this Exhibit C.

- 2.2 Table 2.1 below summarizes the first Annual Period's Expected Revenue Increase based on Guaranteed Meter Accuracy (See Article 1, Tables 1.1 and 1.2) using the applicable Measurement and Verification Options.

Table 2.1, Expected Revenue Increase and Operational Savings for First Annual Period by Option

FIM	Energy/Utility/ Revenue Savings \$						Operational Savings \$	Total Savings \$
	Measurement and Verification Options						E Stipulated	
	A Retrofit Isolation: Key Parameter Measurement	B Retrofit Isolation: All Parameter Measurement	C Whole Facility	D Calibrated Simulation	E Stipulated	Total Energy / Utility Savings		
Water Meters/ AMI	\$133,679.39	\$0	\$0	\$0	\$0	\$133,679.39	\$0	\$133,679.39
TOTALS	\$133,679.39	\$0	\$0	\$0	\$0	\$133,679.39	\$0	\$133,679.39

- 2.3 Table 2.2 identifies the source of Operational Savings defined and quantified by both SIEMENS and the CLIENT. SIEMENS and the CLIENT agree that such amounts are Stipulated Savings, and that they have been based on the CLIENTS affirmation.

Table 2.2, Source of Operational Savings

Account/Vendor	Description	Annual Cost \$	# of Annual Periods Savings Are Applied	Annual Period Savings Begin
None	None	\$0	0	1
TOTALS		\$0		

- 2.4 SIEMENS has explained to the CLIENT and the CLIENT has satisfied itself as to how Operational Savings are incorporated into the Annual Savings.

- 2.5 The Annual Escalation Rate applicable to the Operational Savings is 3%.

BY SIGNING BELOW, THE PARTIES CONFIRM THAT THEY HAVE REVIEWED THE INCLUDED MEASUREMENT AND VERIFICATION OPTIONS AND THEIR APPLICATION TO BE USED IN CALCULATING SAVINGS UNDER THE AGREEMENT.

CLIENT: Village of Lake Zurich, Illinois

Signature: _____
Printed Name: _____
Title: _____
Date: _____

SIEMENS: Siemens Industry, Inc.

Signature: _____
Printed Name: _____
Title: _____
Date: _____

Article 3: Performance Guarantee Period Responsibilities of the CLIENT

In addition to the CLIENT'S responsibilities under Article 6 of the Agreement, this Article details the responsibilities of the CLIENT in connection with the management and administration of the Performance Guarantee.

- 3.1 The CLIENT will provide a representative at each Facility to coordinate work and provide required data described below.
- 3.2 The CLIENT will provide SIEMENS with accurate operating information as defined below and in the Contracted Baseline Article 7 of this Exhibit C during each Annual Period, and/or within thirty (30) days of any Material Change that may increase or decrease water usage.
 - a) Annually provide monthly database records of meter information including but not limited to meter install date, accumulated consumption per meter, monthly water consumption per meter, meter size, meter serial number and address. This information shall be used for the sole purposes of this Agreement. This information must be provided within thirty (30) days of the end of each Annual Period.
 - b) Annually provide a list of any meter or register change-outs that have been made in that year, including the old register reading (total volume of water through the meter) at the time of the change-out. This information will be used for warranty tracking.
 - c) Annually provide accumulated consumption per meter, meter serial number, and meter address one hundred twenty (120) days prior to the end of the Annual Period.
 - d) If requested by SIEMENS, annually provide copies of all water and sewer rate schedules used for billing during the previous 12 month period if changed from the previous year.
 - e) If requested by SIEMENS, annually provide monthly purchased, pumped, and/or distributed water volumes from the water plant records.
 - f) If requested by SIEMENS, annually provide the most recent copy of the Water Quality Report for all water produced and used by the metering system.
 - g) City to identify and notify SIEMENS of all zero read meters on a monthly basis.
- 3.3 CLIENT will assist with the meter testing including:
 - Providing a electronic database in Microsoft Excel or 'csv' format of all meters installed in the system,
 - Providing access, notification and scheduling of test meter replacements
- 3.4 CLIENT will provide SIEMENS with access to the AMI/AMR Meter Data Management System on a quarterly basis for the first year of the contract and meet with SIEMENS representatives to review the operation of the system when SIEMENS deems necessary.
- 3.5 CLIENT must maintain water quality at or above the levels in the attached Appendix 6 Water Quality Report for each year of the M&V period. If a meter shows evidence of poor water quality or debris as determined by a third party laboratory, the accuracy guarantee for that meter will be void. The accuracy results for this meter will be removed from the sample and the weighted average accuracy for the sample will be recalculated. Additional testing may be required to obtain the appropriate sample size per AWWA and FEMP guidelines. It will be the responsibility of the CLIENT to correct the water quality and/or debris issue.
- 3.6 If CLIENT changes a register, transmitter or any other part of the meter, they will record the cumulative volume of water that had flowed through that meter at the time of changing any register, transmitter or any other part of the meter, and ensure that records are kept to measure the cumulative flow through the each meter.

Article 4: Measurement and Verification Plan

The following information is applicable to this Agreement:

- Article 4.1 General Overview
- Article 4.2 Option A - Retrofit Isolation: Key Parameter Measurement
- Article 4.3 Option B - Retrofit Isolation: All Parameter Measurement
- Article 4.4 Option C - Whole Facility
- Article 4.5 Option D - Calibrated Simulation
- Article 4.6 Option E – Stipulated-Energy/Utility Savings

4.1 General Overview –

The purpose of the Measurement and Verification (M&V) Plan is to identify the methods, measurements, procedures and tools that will be used to verify the Savings for each FIM which has energy/utility Savings. Savings are determined by comparing prior usage, consumption or efficiencies (defined as the “Baseline”) against the post-FIM implementation usage, consumption or efficiencies. The Baseline usage, consumption or efficiencies are described in this Exhibit C, Article 5. The post-FIM implementation usage, consumption or efficiencies is defined as the Contracted Baseline and are described in this Exhibit C, Article 7.

4.2 Option A - Retrofit Isolation: Key Parameter Measurement

4.2.1 Meter Replacements

The Performance Guarantee applicable to this FIM and to the M&V process for this FIM is an accuracy guarantee for the new meters. A new, residential water meter will mechanically wear in response to two primary factors: the amount of cumulative water and age. Meters with greater amounts of cumulative water measured at any given time are likely to be less accurate than meters with lower accumulated reading due to increased wear accompanying the increased amount of measured water. Age and water quality are also contributing factors in meter accuracy.

Meter testing will be performed on a sampling of SIEMENS installed residential meters to confirm that the installed meters maintain the guaranteed level of accuracy, as provided in the Guaranteed Meter Accuracy Table 1.1 and Table 7.2 – Guaranteed Meter Accuracy. Measured Meter Accuracy will be determined based on a sample population of the installed meters according to AWWA and FEMP guidelines and as described below.

Annually, throughout the Performance Guarantee Period, the CLIENT will provide a list of baseline meters in electronic format (csv or xls).

The accuracy tests will be based on AWWA standards for testing residential water meters per AWWA Manual M6. For meters types not addressed by the AWWA testing standards, AWWA testing guidelines for positive displacement meters will be followed. The formulation for that testing is as follows:

For a true test of a water meter at all flow rates, AWWA standards recommend first testing low, medium, and high flow rates and then calculating the aggregate meter accuracy by weighted formula. The three test points (High, Med, and Low flow) are weighted 15%, 70%, and 15%. The formula for meter accuracy is as follow:

$$\begin{aligned} & (15\% \times \text{Measured Meter Accuracy @ High flow}) \\ & + (70\% \times \text{Measured Meter Accuracy @ Medium flow}) \\ & + (15\% \times \text{Measured Meter Accuracy @ Low flow}) \\ & \text{Average Weighted Accuracy of the Meter*} \end{aligned}$$

(*reference: AWWA Meter Manual M6, Fourth Edition; pg 60, “Meter Testing”)

The tested meters will be subsequently returned to the CLIENT for use as future maintenance replacements, reactivations, or for new customer accounts if the tested condition is within acceptable meter performance parameters as determined by SIEMENS. The meters that do not pass the accuracy test, nor have evidence of scoring, and do not have cumulative flows in excess of the meter manufacturer's warranty will be returned to the manufacturer for repair under warranty and then returned to the CLIENT's inventory.

The sample size for Measured Meter Accuracy will consider the ¾" through 2" meters as one aggregated population and will be determined based on FEMP guidelines for sample size determination using a minimum confidence and precision of 80% and 20%, respectively, with the overall population sample size not to exceed 11 meters. Each sample meter will be selected using a random number generator that arbitrarily selects accounts from the Baseline meter account list.

In the event that the Measured Meter Accuracy is below the Guaranteed Meter Accuracy, SIEMENS will conduct a review of the test data.

If further analysis of the failed meters show signs of scoring from particles or debris or accumulation of deposits as determined by third party laboratory, then the tests results for those meters will be removed from the average and the CLIENT will be responsible for replacements of the affected meters. If the meters fail due to volumes in excess of the manufacturer's warranty limits, the test results will be removed from the average and the CLIENT will be responsible for meter replacement.

If, after these meters have been removed from the average, the average tested meter accuracy of the first round of testing is below the Guaranteed Meter Accuracy as defined in Table 7.1, Guaranteed Meter Accuracy, then at SIEMENS' expense, an additional round of testing may be conducted.

If the additional testing is performed and SIEMENS determines that the results do not prove to be equal or greater than the Guaranteed Meter Accuracy, SIEMENS may discontinue the testing and accept the financial responsibility as calculated in the reconciliation M&V report.

The calculation of Measured Revenue Increase will be based on the Adjusted Baseline Consumption and Contract Water Rates and will be the difference between the Measured Revenue Increase (see Article 4, Section 4.2.2) and the Expected Usage Increase (see Article 1, Table 1.1) for the relevant Annual Period. For the meters that tested below the manufacturers warranted accuracy range, SIEMENS will assist CLIENT with obtaining replacement meters through the warranty process with the meter manufacturer.

4.2.2 Calculation of Measured Usage Increase

The Adjusted Baseline Consumption is the water that would have been measured by the existing meters during the baseline year, had the meters been 100% accurate. It is calculated by dividing the Baseline Consumption by the Tested Baseline Meter Accuracy.

Example Calculation of Adjusted Baseline Consumption

Baseline Consumption	= 90,000 kgals
Tested Actual Meter Accuracy	= 90%
Adjusted Baseline Consumption	= 90,000 kgals / 90% = 100,000 kgals

The Measured Usage Increase for each Annual Period will be calculated as the difference between the Baseline Billable Usage and the Measured Billable Usage. Baseline Billable Usage

is calculated by multiplying the Adjusted Baseline Consumption by the Baseline Meter Accuracy as shown in Table 5.7.

Example Calculation of Baseline Billable Usage:

Adjusted Baseline Consumption	= 100,000 kgals
Baseline Meter Accuracy – Year 1	= 90%
Baseline Billable Usage – Year 1	= 100,000 x 0.90 = 90,000 kgals

Measured Billable Usage will be calculated by multiplying the Adjusted Baseline Consumption by the average tested meter accuracy for that Performance Period (i.e., Measured Meter Accuracy).

Example Calculation of Measured Billable Usage

Adjusted Baseline Consumption	= 100,000 kgals
Measured Meter Accuracy – Year 1	= 99%
Measured Billable Usage – Year 1	= 100,000 x 0.99 = 99,000 kgals

The Measured Usage Increase for an Annual Period is the difference between the Baseline Billable Usage and the Measured Billable Usage for the same Annual Period. In the example above, the Measured Usage Increase Volume is 9,000 kgals.

Example Calculation for Measured Usage Increase

Baseline Billable Usage – Year 1	= 100,000 kgal x 90% = 90,000 kgal
Measured Billable Usage – Year 1	= 100,000 kgal x 99% = 99,000 kgal
Measured Usage Increase	= 99,000 kgal – 90,000 kgal = 9,000 kgal

The Measured Revenue Increase for an Annual Period is calculated by multiplying the Measured Usage Increase by the Contract Water Rate for that Annual Period.

Example Calculation of Measured Revenue Increase:

Contract Water Rate – Year 1 (\$/kgal)	= \$5.00 \$/kgal
Measured Revenue Increase	= 9,000 kgal x \$5/kgal = \$45,000

Typically, sewer charges are included in the Contract Water Rates and are directly calculated based on water usage. Where applicable, any sewerage revenue associated with the Measured Billable Usage Increase Revenue will be included in the calculation.

4.3 **Option B - Retrofit Isolation: All Parameter Measurement:** Not Applicable

4.4 **Option C - Whole Facility:** Not Applicable

4.5 **Option D – Calibrated Simulation:** Not Applicable

4.6 **Stipulated Utility and Operational Savings**

The energy savings for the following FIMS have been stipulated and agreed upon by Siemens and the client. Savings are measured via the PASP through the annual verification of the intended operation of the applicable systems and the application of relevant engineering calculations.

4.6.1 Leak Detection

The reported Operational Savings used in the calculations for this FIM are stipulated for each Annual Period of the Performance Guarantee Period and were mutually agreed upon by the CLIENT and SIEMENS after discussion and review. The Operational Savings may include savings resulting from reductions in lost water, as well as reduced labor from city resources to identify and track down leaks manually.

Article 5: Baseline Data

- 5.1 The year selected as the Baseline Period starts on January 1, 2016 on December 31, 2016. Table 5.1 outlines the Baseline Consumption that occurred during this Baseline Period. This Baseline Consumption will be used as the reference for determining the Adjusted Baseline Consumption as fully described in Article 4.

The following Table 5.1 shows the results of the Baseline Consumption analysis grouped by meter size.

Table 5.1, Baseline Consumption

Description	Annual Baseline Volume (kgal)
Water Meters (1" and smaller)	296,919
TOTALS	296,919

- 5.2 The performance Baseline used for ongoing comparison of future meter test results is as follows:
- (a) Baseline Period (12 months) – 01/01/2016 to 12/31/2016
 - (b) The Baseline meter testing data is included as Appendix 2.
 - (c) The CLIENT'S water and sewer billing rate schedules in force during the Baseline Period are shown in Table 6.1
- 5.3 The Baseline Period is chosen using the most recent typical 12 months of continuous data available through the baseline utility billing system.
- 5.4 The data regarding the number of baseline meters and meter sizes during the Baseline Period was obtained from the CLIENT's billing system. That data was then used to estimate Baseline Consumption. SIEMENS is not responsible for the variances, if any, between the data in the CLIENT's billing system and the number or sizes of meters that were used by the CLIENT during the Baseline Period.
- 5.5 SIEMENS does not assume responsibility for loss of water consumption due to declines in installed capability to supply water, population changes, or restrictions enforced by CLIENT or any other 3rd party.
- 5.6 Meter testing was performed on a sampling of meters to provide the Baseline Meter Accuracy for all meters. The meters were tested to AWWA standards.

The CLIENT provided a complete account download of historical data for each metered account including monthly consumption, meter size, meter installation data, meter serial number, billed charges, account number, account ID, etc.

Based on AWWA guidelines for meter sampling and testing, a random sample of the meters were selected, removed from service, and delivered to a third-party testing facility with the results presented in Appendix 2. The accuracy tests will be based on AWWA standards for testing residential water meters per AWWA Manual M6. For a true test of a water meter at all flow rates, AWWA standards recommend first testing low, medium, and high flow rates and then calculating the aggregate meter efficiency by weighted formula. The three test points (High, Med, and Low flow) are weighted 15%, 70%, and 15%. The formula for meter accuracy is as follow:

$$\begin{aligned} & (15\% \times \text{Baseline Meter Accuracy @ High flow}) \\ & + (70\% \times \text{Baseline Meter Accuracy @ Medium flow}) \\ & + (15\% \times \text{Baseline Meter Accuracy @ Low flow}) \\ & \text{Average Weighted Efficiency of the Meter*} \end{aligned}$$

(*reference: AWWA Meter Manual M6, Fourth Edition; pg 60, “Meter Testing”)

5.7 The Baseline Meter Accuracy is shown in Table 5.7.

Table 5.7, Baseline Meter Accuracy over Project Term

Performance Guarantee Period	Baseline Meter Accuracy
Annual Period 1	94.70%
Annual Period 2	94.20%
Annual Period 3	93.70%
Annual Period 4	93.20%
Annual Period 5	92.70%
Annual Period 6	92.20%
Annual Period 7	91.70%
Annual Period 8	91.20%
Annual Period 9	90.70%
Annual Period 10	90.20%
Annual Period 11	89.70%
Annual Period 12	89.20%
Annual Period 13	88.70%
Annual Period 14	88.20%
Annual Period 15	87.70%
Annual Period 16	87.20%
Annual Period 17	86.70%
Annual Period 18	86.20%
Annual Period 19	85.70%
Annual Period 20	85.20%

5.8 Applicable codes - Federal, State (Provincial), County or Municipal codes or regulations are applicable to the use and operation of the Facility. SIEMENS will maintain the baseline level of Facility compliance relative to applicable codes. Unless specifically set forth in the Scope of Work and Services, Exhibit A, nothing herein should be construed to require SIEMENS to provide additional work or services in the event that the applicable code or regulation is modified after the Contract Execution Date.

Article 6: Utility Structures and Escalation Rates

- 6.1 In order to predict the Baseline and Calculated Billable Usage Increase Revenues, the Client was consulted to determine the mutually-agreed annual rate increase to be used in these calculations. Using the Baseline rate structure included in Appendix 4, the following Table 6.1 was generated to show the Contract Water Rates used in the calculations for the Performance Guarantee Period.

Table 6.1, Contract Water Rates: Water and Sewer Rate Structure Increases over Contract Term

Rate Structures - In Village, per 1,000 gallons									
Rate Increase Percentage		0%	2%	2%	2%	2%	2%	2%	2%
Item	Description	Baseline	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
1	Inside Village - All Water & Sewer 1" and below	\$ 11.00	\$ 11.22	\$ 11.44	\$ 11.67	\$ 11.91	\$ 12.14	\$ 12.39	\$ 12.64
Rate Structures - In Village, per 1,000 gallons									
Rate Increase Percentage		2%	2%	2%	2%	2%	2%	2%	2%
Item	Description	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
1	Inside Village - All Water & Sewer 1" and below	\$ 12.89	\$ 13.15	\$ 13.41	\$ 13.68	\$ 13.95	\$ 14.23	\$ 14.51	\$ 14.80
Rate Structures - In Village, per 1,000 gallons									
Rate Increase Percentage		2%	2%	2%	2%	2%			
Item	Description	Year 16	Year 17	Year 18	Year 19	Year 20			
1	Inside Village - All Water & Sewer 1" and below	\$ 15.10	\$ 15.40	\$ 15.71	\$ 16.02	\$ 16.35			

Article 7: Contracted Baseline Data

7.1 The following criteria detail the Facility operating parameters that are required to be implemented on the Guarantee Date or on such time as agreed upon by the Parties. This specific configuration of Facility operating parameters is the Contracted Baseline and failure of the CLIENT to maintain the Contracted Baseline may result in a Material Change which may require a modification of the Performance Guarantee pursuant to Article 4 of the Agreement.

- (a) Water quality at or above average quality over the most recent 12 month period;
- (b) Source of water supply at or above average quality water over the most recent 12 month period from previous source of water supply used;
- (c) Water distribution integrity at or above Baseline maintenance levels; and,
- (d) Meter/collection system compatibility with the new system.
- (e) Maintenance of water supply with sediment or debris levels that do not result in scoring or other damage to the installed such that meter accuracy is affected.

Table 7.1, Guaranteed Meter Accuracy of new water meters during Performance Guarantee Period (3/4”S and 1” meters)

Performance Guarantee Period	Guaranteed Meter Accuracy
Annual Period 1	98.5%
Annual Period 2	98.5%
Annual Period 3	98.5%
Annual Period 4	98.5%
Annual Period 5	98.5%
Annual Period 6	98.5%
Annual Period 7	98.5%
Annual Period 8	98.5%
Annual Period 9	98.5%
Annual Period 10	98.5%
Annual Period 11	98.5%
Annual Period 12	98.5%
Annual Period 13	98.5%
Annual Period 14	98.5%
Annual Period 15	98.5%
Annual Period 16	98.5%
Annual Period 17	98.5%
Annual Period 18	98.5%
Annual Period 19	98.5%
Annual Period 20	98.5%

Exhibit C

Appendix 2

Baseline Meter Testing Data

Exhibit C – Performance Assurance
Village of Lake Zurich, Illinois

AWWA Standard Tests												
						Min.	Inter.	Max.				
						Weighted Factor	15.0%	70.0%	15.0%			
	Meter Type:	PD (Positive Displacement) except where iPERL noted							Average:		94.7%	
	Test Dates:	5/10/2017										
	Water Utility:	Village of Lake Zurich										

Exhibit C – Performance Assurance
Village of Lake Zurich, Illinois

Ref #	Manufacturer	Meter Size	Serial #	Reading (kgal)	Minimum Flow		Intermediate Flow		High Flow		Weighted Average Accuracy	From
					Rate (gpm)	Accuracy (%)	Rate (gpm)	Accuracy (%)	Rate (gpm)	Accuracy (%)		
60	Sensus	3/4"	44962961	1,449	0.50	0.0%	3.00	100.0%	25.00	101.0%	85.2%	9 CRAIG TERR
61	Sensus	3/4"	47719886	1,685	0.50	98.0%	3.00	99.0%	25.00	101.0%	99.2%	900 SURRYSE RD
62	Sensus	3/4"	49596790	732	0.50	98.0%	3.00	100.0%	25.00	101.0%	99.9%	910 SILVERWOOD CT
63	Sensus	3/4"	46122579	1,901	0.50	70.0%	3.00	96.0%	25.00	99.8%	92.7%	93 GOLFVIEW DR
64	Sensus	3/4"	47203513	2,744	0.50	60.0%	3.00	100.0%	25.00	100.5%	94.1%	930 COLONIAL CT
65	Sensus	3/4"	48236590	645	0.50	98.0%	3.00	101.0%	25.00	100.5%	100.5%	950 HEARTWOOD LN
66	Sensus	3/4"	46203620	2,163	0.50	95.0%	3.00	99.0%	25.00	99.8%	98.5%	965 COLONIAL CT
67	Sensus	3/4"	49396784	2,158	0.50	98.0%	3.00	99.5%	25.00	100.6%	99.4%	980 OLD MILL GROVE RD
1	Sensus (iPERL)	1	75952082	106	0.75	100.1%	4.00	100.0%	40.00	100.4%	100.1%	1025 SAMANTHA DR
2	Sensus	1	44133309	2,551	0.75	100.0%	4.00	98.0%	40.00	100.5%	98.7%	SANDY POINT LN 231-233
3	Sensus (iPERL)	1	76703900	219	0.75	99.9%	4.00	99.8%	40.00	100.2%	99.9%	915 INTERLAKEN DR
4	Sensus	1	45358173	1,231	0.75	0.0%	4.00	100.0%	40.00	100.0%	85.0%	269 SEBBY LN

Exhibit C

Appendix 4

Rate Structures for Water and Sewer Services

Exhibit C – Performance Assurance
Village of Lake Zurich, Illinois

Village of Lake Zurich
Water Rates
As of Jan 2017

	EFFECTIVE DATE	
	5/1/2016	1/1/2017
IN-VILLAGE		
Combined Rates per 1,000 Gallons		
Village Control		
Water O&M	\$ 5.10	\$ 5.10
Water Debt	0.92	0.99
Sewer O&M	3.46	3.92
Sewer Debt	0.91	0.99
Sub-Total	10.39	11.00
Lake County Treatment	4.00	4.00
Combined Total	\$ 14.39	\$ 15.00
Minimum Bill		
Based on 2,000 Gallons	\$ 28.78	\$ 30.00
Senior Discount - Flat Rate	\$ 14.24	\$ 14.24
Irrigation Only per 1,000 Gallons		
Water O&M	\$ 5.10	\$ 5.10
Water Debt	1.84	1.99
	\$ 6.94	\$ 7.09
Sewer Only Flat Charge		
Sewer Fees X 7,000 Gallons	\$ 58.59	\$ 62.37
OUTSIDE OF VILLAGE		
Combined Rates per 1,000 Gallons		
Village Control		
Water O&M	\$ 10.20	\$ 10.20
Water Debt	0.92	0.99
Sewer O&M	6.80	7.84
Sewer Debt	2.73	2.97
Sub-Total	20.65	22.00
Lake County Treatment	4.00	4.00
Combined Total	\$ 24.65	\$ 26.00
Minimum Bill		
Based on 2,000 Gallons	\$ 49.30	\$ 52.00
Irrigation Only per 1,000 Gallons		
Water O&M	\$ 10.20	\$ 10.20
Water Debt	0.92	0.99
	\$ 11.12	\$ 11.19
Sewer Only per 1,000 Gallons (metered)		
Sewer O&M	\$ 6.80	\$ 7.84
Sewer Debt	2.73	2.97
Lake County Treatment	4.00	4.00
	\$ 13.53	\$ 14.81
Sewer Only Flat Charge	\$ 83.91	\$ 88.95

Exhibit C

Appendix 6

Water Quality Report



At the Heart of Community

PUBLIC WORKS DEPARTMENT

505 Telser Road
Lake Zurich, Illinois 60047

(847) 540-1696
Fax (847) 726-2182
LakeZurich.org

2016 Drinking Water Quality Report Calendar Year 2015

This is the Annual Water Quality Report for the period of January 1, 2015 to December 31, 2015. This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water. **Este informe contiene informacion muy importante sobre el agua que usted bebe. Traduzcalo o hable con alguien que lo entienda bien.**

This year, your tap water met all USEPA and state drinking water health standards. Our system vigilantly safeguards its groundwater supply and we are able to report that we did not have any violation of a contaminant level or of any other water quality standard in 2015. This report includes details about where your water comes from, what it contains and how it compares to standards set by regulatory agencies.

Water System Information

The Utilities Division of Public Works is located at the Community Services facility, 505 Telser Road. If you have any questions about this report or concerning the Village's water system, please contact Betty Harrison or Steve Schmitt at 847-540-1696. Information regarding the Village's water system may at times be discussed at Village Board meetings. Typically, Board meetings are held on the first and third Monday of each month at 7:00 PM, in the boardroom at the Village Hall. The agenda for each meeting is posted on the Friday prior. These meetings are also broadcast on Comcast local cable access channel 4, AT&T U-verse channel 99 and are available for streaming on the Internet via the Village website. For more information, visit LakeZurich.org.

Drinking Water Information

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can come into contact with substances resulting from the presence of animals or human activity. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, which may be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and may also come from gas stations, urban storm water runoff and septic systems.
- Radioactive contaminants, which may be naturally occurring or be the result of oil and gas production and mining activities.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. Should you elect to drink bottled water only, please be aware that most bottled water does not contain fluoride and other minerals recommended for good health. Check with your dentist and/or physician about daily supplements to provide these vital elements.

Water Source

The Village uses groundwater provided by six wells drilled into the St. Peter, Galesville Sandstone portion of the Cambrian-Ordovician Aquifer. All six wells are located within the Village limits. Water is pumped from each well based on a rotational duty cycle and demand. Wells 7, 8, 9, 10 and 12 have Ion Exchange treatment to reduce combined radium levels below EPA limits. Well 11, which does not currently have Ion Exchange treatment, is on emergency use only status. Your home can receive water from any of our well locations but typically the water you receive is a blend from multiple wells.

Source Water Assessment Availability

The Illinois EPA has determined that the Lake Zurich Community Water Supply's source water is not susceptible to contamination. This determination is based on a number of criteria including: monitoring conducted at the wells; monitoring conducted at the entry point to the distribution system; and the available hydrogeologic data on the wells. A summary version of the completed Illinois EPA source water assessment of our community water supply is available on the Illinois EPA website at <http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl>.

Vulnerability Waiver

Due to the favorable monitoring history, aquifer characteristics, and inventory of potential sources of contamination, our water supply was issued a vulnerability waiver renewal from the Illinois EPA. Monitoring for VOC's and SOC's is not required between January 1, 2014 and December 31, 2016.

Data Abbreviations

USEPA: United States Environmental Protection Agency
EPA: Environmental Protection Agency
HIV/AIDS: Human Immunodeficiency Virus Infection/Acquired Immunodeficiency Syndrome
CDC: Center for Disease Control
FDA: Food and Drug Administration
VOC: Volatile Organic Contaminant
SOC: Synthetic Organic Contaminant

2015 Regulated Contaminants Detected

Definitions

The following tables contain scientific terms and measures, some of which may require explanation.

MCLG	Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL	Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
MRDLG	Maximum Residual Disinfectant Level Goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	Maximum Residual Disinfectant Level: The highest level of a drinking water disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
ALG	Action Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.
AL	Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Avg	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
ppm	Milligrams per liter or parts per million – or one ounce in 7,350 gallons of water.
ppb	Micrograms per liter or parts per billion – or one ounce in 7,350,000 gallons of water.
pCi/L	Picocuries per liter (a measure of radioactivity).
N/A	Not applicable.

2015 Regulated Contaminants Detected

Lead and Copper

Lead & Copper	Date Sampled	MCLG	Action Level (AL)	90 th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper (1)	2014*	1.3	1.3	0.102	0	ppm	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead (1)	7/31/2014*	0	15	0	1	ppb	No	Corrosion of household plumbing systems; erosion of natural deposits.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.

*The date and analytical results of the most recent detection. Refer to footnote (1).

Disinfectants and Disinfection By-Products

Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	12/31/2015	0.4 **	0.28 – 0.5	MRDLG = 4	MRDL = 4	ppm	No	Water additive used to control microbes.
Haloacetic Acids (HAA5)	2015	1 ^	0 – 1.05	No goal for the total	60	ppb	No	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2015	13 ^	2.44 – 12.85	No goal for the total	80	ppb	No	By-product of drinking water disinfection.

** Based on the highest annual average calculated for each sample location. ^ Based on the highest Locational Running Annual Average (LRAA).

Inorganic Contaminants

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	2015	1.75	0.115 – 1.75	2	2	ppm	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Chromium (total)	2/10/2015	0.2	0 – 0.2	100	100	ppb	No	Discharge from steel and pulp mills; erosion of natural deposits.
Fluoride	2015	1.07	0.944 – 1.07	4	4.0	ppm	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Iron (2)	2015	0.224	0 – 0.224		1.0	ppm	No	This contaminant is not currently regulated by the USEPA. However, the state regulates. Erosion of natural deposits.
Selenium	2015	3.14	0 – 3.14	50	50	ppb	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
Sodium (3)	2015	102	102 – 102			ppm	No	Erosion from naturally occurring deposits; used in water softener regeneration.

2015 Regulated Contaminants Detected

Radioactive Contaminants

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	2015	4	2.3 – 7.1 ^{^^}	0	5	pCi/L	No	Erosion of natural deposits.
Gross alpha excluding radon and uranium	2015	7.7 ^{^^}	7.7 – 7.7 ^{^^}	0	15	pCi/L	No	Erosion of natural deposits.

^{^^}Based on result from Well 11 (Emergency Status Only) pumping to waste (not providing water for consumer use) for required water quality monitoring only.

Abbreviations

AL	Action Level
pCi/L	picocuries per liter (a measure of radioactivity)
ppm	parts per million, or milligrams per liter (mg/l)
ppb	parts per billion, or micrograms per liter (ug/l)
ug/l	micrograms per liter, or parts per billion

2015 Unregulated Contaminants

Our water system sampled for a series of unregulated contaminants in 2015. Unregulated contaminants are those that do not yet have drinking water standards set by the USEPA. The purpose of monitoring for these contaminants is to help the USEPA decide whether the contaminants should have a standard. The following table contains information about the unregulated contaminants that were detected.

Unregulated Contaminants Detected

Unregulated Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	Avg	Units	Likely Source of Contamination
Chromium-6 (4)	1/12/2015	0.03	0 – 0.03	0.005	ppb	Erosion from naturally occurring deposits; used for chrome plating, dyes and pigments, leather tanning and wood preservation.
Strontium (4)	2015	2252.0	1488.2 – 2252.0	1918.8	ppb	Erosion from naturally occurring deposits; used in the glass of cathode-ray tube televisions.

Footnotes

- (1) The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, is more than one year old.
- (2) This contaminant is not currently regulated by the USEPA. However, the state has set an MCL for this contaminant for supplies serving a population of 1000 or more.
- (3) This information is provided to consumers and health officials that are concerned about sodium intake due to dietary precautions. If you are on a sodium-restricted diet, you should consult a physician about the level of sodium in the water.
- (4) A maximum contaminant level (MCL) for this contaminant has not been established by either state or federal regulations, nor has mandatory health effects language been set. The purpose of unregulated contaminant monitoring is to assist USEPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

**Certificate of Substantial Completion**

PROJECT NAME:	<u>Water Meter Replacement and Fixed Base Meter Reading System</u>
CLIENT:	<u>Village of Lake Zurich</u>
CERTIFICATE DATE (mm/dd/yyyy):	
CERTIFICATE NUMBER:	
PROJECT NUMBER:	<u>44OP-186215</u>

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The following portions of the Work are at Substantial Completion in accordance with the Agreement.
(Insert unique Work item such as Facility Improvement Measure title, system name, building, etc.)

Work Item:	
Warranty Start Date (mm/dd/yyyy):	
Work Item:	
Warranty Start Date (mm/dd/yyyy):	
Work Item:	
Warranty Start Date (mm/dd/yyyy):	

The Building Technologies Division of Siemens Industry, Inc. guarantees the workmanship and materials of the above Substantially Complete Work in accordance with the Agreement.

The Work indicated above has been reviewed by the CLIENT and has been found, to the best of the CLIENT's knowledge, to be Substantially Complete. Substantial Completion is the milestone in the progress of the Work at which time the Work is sufficiently complete and available for the CLIENT to have beneficial use of the Work for its intended purpose. A list of items to be completed and corrected (if any) shall be identified as the Outstanding Items List, attached to this form, and indicated by checking the appropriate box below:

Outstanding Items List Attached: ☐ **No Outstanding Items Noted:** ☐

The failure of the CLIENT to note items requiring completion or correction does not relieve the contractual responsibility of Building Technologies Division of Siemens Industry, Inc. to complete or correct the Work. Work found to require completion or correction after the Certificate Date of this

Certificate, but within the warranty period shall be corrected in accordance with the Agreement's warranty provisions.

Building Technologies Division of Siemens Industry, Inc. agrees to complete or correct all items indicated on the Outstanding Items in a timely manner.

Building Technologies Division of Siemens Industry, Inc. Representative: _____

Signature: _____ Date: _____

The CLIENT accepts the Work indicated above as Substantially Complete and assumes possession and beneficial use of the Work on the Warranty Start Date indicated above.

CLIENT: _____

CLIENT Representative: _____

Signature: _____ Date: _____

Note: The CLIENT shall, upon execution of this Certificate of Substantial Completion, assume all contractual responsibilities for maintenance, insurance, operation, and protection of the Substantially Complete Work in accordance with the Agreement.

**Certificate of Final Completion**

PROJECT NAME:	<u>Water Meter Replacement and Fixed Base Meter Reading System</u>
CLIENT:	<u>Village of Lake Zurich</u>
CERTIFICATE DATE (mm/dd/yyyy):	
PROJECT NUMBER:	<u>44OP-186215</u>

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All elements of the project Work have been reviewed by the CLIENT and have been found, to the best of the CLIENT's knowledge, to be at Final Completion. All items noted in the Outstanding Items Lists associated with Certificate(s) of Substantial Completion have been resolved, and all Work as defined in Exhibit A of the Agreement is complete.

The failure of the CLIENT to note items requiring completion or correction does not relieve the contractual responsibility of Building Technologies Division of Siemens Industry, Inc. to complete or correct the Work. Work found to require completion or correction after the date of this Certificate, but within the warranty period shall be promptly corrected in accordance with the Agreement's warranty provisions.

Building Technologies Division of Siemens Industry, Inc. has reviewed the project Work, as well as all contractual requirements, and the requirements for Final Completion have been met.

Building Technologies Division of Siemens Industry, Inc. Representative: _____

Signature: _____ Date: _____

The CLIENT accepts the project Work as meeting the requirements for Final Completion.

CLIENT: _____

CLIENT Representative: _____

Signature: _____ Date: _____

Exhibit E - Certification Under 720 Ilcs 5/33e-11

SIEMENS certifies that it is not barred under Article 33E of the Criminal Code of 1961 for bidding or entering into this Agreement as a violation of either the bid rigging or bid rotating prior thereto. SIEMENS also certifies that it is not delinquent in any taxes to the Illinois Department of Revenue.

I, _____ (name), certify that I am employed as the _____ (title) of Siemens Industry, Inc., Building Technologies Division, a bidder for the prime contract for the work described in the bid to which this certificate is attached, and I hereby certify that I am authorized to make this certificate and that I have personal knowledge of the matters certified to herein, and that the company named above is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3 or 33E-4 of Article 33E of the Illinois Criminal Code of 1961.

Signature

Title

Date

DRAFT 9/25/17

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7-5-6: WATER METERS:**A. Meters Required:**

- 1) All premises using the village water supply must be equipped with an adequate water meter furnished by the village, but paid for by the consumer; provided, that such water service may be supplied by the village at a flat rate of charge until such meter is installed.
- 2) During the construction of any building and before any water is installed as is herein provided, the contractor so constructing such building may be permitted to use the village water supply by making application therefor and paying the flat fee prescribed by the board of trustees.
- 3) Before any premises are occupied, a water meter shall be installed therein as herein required, or application be made for such water service at the flat rate of charge until the meter can be installed, or no water shall be furnished such premises.
- 4) Water meters and remote readers are the property of the village. Removing, tampering or disabling the meter shall result in a \$750 tampering fee, charges for the new water meter and restoration of service being added to the water bill.
- 5) Village personnel must have access to the water meter and remote reader, consumers are prohibited from blocking access to the meter or remote reader. Keep shrubs and vegetation from the remote reader. Obstructing a meter or remote reader may result in a \$250 obstruction fee for each occurrence being added to the water bill.

B. Type of Meter: All meters and metering configurations shall be approved by the superintendent of water. The American Water Works Association (AWWA) standards for metering devices shall apply as a minimum standard.

C. Reading Meters: The superintendent of water shall read or cause to be read every water meter used in the village at such times as are necessary, but not less than once annually to determine accuracy of village records as they relate to actual meter readings. (1989 Code)

D. Testing Meters: Any customer may request that the village test that customer's municipal water meter. If such test indicates that the water meter is not within plus or minus two percent ($\pm 2\%$) of being accurate, then the village, in the exercise of its sole discretion and without charge, either shall repair and reinstall the water meter or shall install a new water meter. If such test indicates that the water meter is accurate within plus or minus two percent ($\pm 2\%$), a one hundred dollar (\$100) testing fee shall be added to the customer's water bill. The village shall notify the customer of such test results in writing within fifteen (15) days after the village receives written test results, and the village shall provide the customer with a copy of the report documenting such test results. Nothing in this section shall be construed or applied to require the village to reimburse to any customer any fees or charges paid by such customer for water, and the village shall not be required to so reimburse any customer.

E. Temporary Metering: On request and in the exercise of the village's sole discretion based on factors such as the proposed use of the water, the availability of a sufficient supply of water

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to satisfy the request, the capability of the water supply system to satisfy the request without adverse impact on customers of the water supply system, the timing of the request, the overall effects on the village's water system if water is supplied as requested, the potential impacts on the general public health, safety, and welfare from satisfying the request, and other factors as the village reasonably may determine, the village may authorize temporary use of the village's fire hydrants and other water supply sources and temporary placement of water meters to measure water flow from such sources. No such temporary use shall be allowed, and no water meter shall be placed, except after payment of a fee of ~~fifty~~ dollars (\$50.00). The required fee shall apply each time a water meter is placed, moved, or replaced up to a maximum of three (3) times the required fee in any day. The cost of the water thereby supplied shall be as determined by the board of trustees from time to time, but in no event shall be less than the highest cost of water supplied by the village to a regular customer.

F. Meter replacement: From time to time it may become necessary to replace water meters throughout the village. As part of a large-scale water meter replacement:

- 1) The village shall introduce the meter replacement program through press releases, mailings and information posted on the village website and social media outlets.
- 2) Consumers are to cooperatively schedule replacement of the meter with the village or its designee.
- 3) Failure to schedule a meter replacement within 45 days of the introduction of the large-scale program shall result in a monthly old-meter fee of \$95 being added to the water bill until the meter is replaced.
- 4) Failure to provide access on two consecutive scheduled meter replacement or repair appointments shall result in a monthly old-meter fee of \$95 being added to the water bill until the meter is replaced.
- 5) Consumers that have incurred the old-meter fee for 6 consecutive months shall be added to the shut-off list.

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**Government Leasing and Finance**

June 30, 2017

Village of Lake Zurich, IL
Attn: Mr. J. Michael Duebner
Michael.Duebner@lakeZurich.org

U.S. Bancorp, with \$330 billion in assets, is the parent company of U.S. Bank National Association, the 5th largest commercial bank in the United States. U.S. Bancorp operates 3,089 banking offices, 5,092 ATMs in 25 states, and provides a comprehensive line of banking, brokerage, insurance, investment, mortgage, trust and payment services products to consumers, businesses and institutions. U.S. Bancorp and its employees are dedicated to improving the communities they serve, for which the company earned the 2011 Spirit of America Award, the highest honor bestowed on a company by United Way.

Within the wholesale banking area, U.S. Bank has a specific focus on government with its Government Banking Division. As a provider to governments at the Federal, State and Local levels, U.S. Bank has a unique understanding of government needs, especially debt needs. We are a top provider of debt services to governmental entities. Furthermore, the U.S. Bancorp Equipment Finance (Equipment finance) is one of the largest bank-affiliated equipment finance providers in the United States. We're a major capital equipment funding source for companies and governmental entities in virtually every industry sector nationwide with transactions ranging from \$5,000 to over \$50 million. We offer seven different specific industry debt leasing groups of which USBGLF is one.

For 40 years we've pursued innovative solutions for customers seeking financing for capital equipment. U.S. Bank is able to provide flexible and competitive rates and terms on virtually any capital equipment acquisition. We specialize in customizing each customer's financing needs and offer a variety of capital equipment lease-oriented products. Equipment Finance recognizes the importance of your long-term customer relationships and works to strengthen them by using our industry expertise and superior customer service.

USBGLF has a lot of experience financing equipment through a Master Lease/Installment Purchase agreement with many entities across the United States, including, but not limited to, the Village of Buffalo Grove, IL, City of Rockford, IL, City of Springfield, IL, and the City of Topeka, KS.

Respectfully,

Tasha Barreau

Tasha Barreau, Vice President
U.S. Bancorp Government Leasing & Finance, Inc.
Phone: 303-330-4160
Email: tasha.barreau@usbank.com



All of **us** serving you®

Government Leasing and Finance

August 14, 2017

Village of Lake Zurich, IL

At your request, U.S. Bancorp Government Leasing and Finance, Inc. ("USBGLF") has prepared for your consideration the following proposal for financing ("Proposal"). **This is only a proposal and does not represent a commitment by U.S. Bancorp Government Leasing and Finance, Inc.**

Customer:	Village of Lake Zurich						
Lessor:	U.S. Bancorp Government Leasing and Finance, Inc.						
PROPERTY:	Energy Savings Performance Contract developed by Siemens						
EXPIRATION:	October 10, 2017						
LEASE QUOTE:	Amount	Rate	Payments	Factor	Pmts / Year	Term	Adv. / Arr.
	\$3,000,000.00	2.495%	*Custom	*Custom	4	16 years	*Custom

Notes: There are no fees associated with this offer including the establishment and use of a U.S. Bank, N.A. escrow account should one be required.

***Payment Structure:** USBGLF understands the Village requires payments to be made from savings each year, however, USBGLF would require capital contribution in addition to the savings each year in order to even out the payment stream. The proposal is based upon the alternative payment stream. Please see attached amortization schedule.

Prepayment: The Village may prepay in full after 12 months for 103% of the remaining principal balance.

Rate will be held through October 10, 2017. If the financing does not close by said date, the interest rate will be subject to the move in like term swap rates as published at www.interestrateswapstoday.com. Lender will adjust the payment based upon 65% of the change in the above mentioned index as long as the original economic return is maintained as determined by the Lender.

The Lease will be structured as a tax-exempt municipal lease or installment purchase, with title in the Lessee's name and USBGLF holding a security interest in the equipment during the term. The lease is "triple-net" with the Lessee responsible for taxes, maintenance and insurance. Documentation will be provided by USBGLF, including (i) standard representations, warranties and covenants by the Lessee pertaining to the accuracy of information, organization, authority, essential use, compliance with laws, pending legal action, location and use of collateral, insurance, financial reporting and financial covenants; and (ii) standard USBGLF provisions pertaining to events of default and remedies available upon default. This offer is subject to the execution of all documentation by the Lessee within a reasonable time and in form and substance acceptable to Lessee, USBGLF and USBGLF's counsel, including terms and conditions not outlined in this Proposal.

This Proposal is conditioned on there being no material adverse change in the financial condition of the Lessee. Additionally, the terms and conditions outlined herein are subject to final review and approval (including collateral and essential use review) by USBGLF's business, legal, credit, and equipment risk management personnel.

Sincerely,

Tasha Barreau

Tasha Barreau
Vice President
U.S. Bancorp Government Leasing & Finance, Inc.
303-330-4160
Tasha.barreau@usbank.com



All of **us** serving you®

Government Leasing and Finance

ACCEPTANCE:

By accepting this Proposal, Lessee acknowledges that **this Proposal does not represent a commitment to provide financing** but only outlines general terms and conditions of the USBGLF's financing program currently available to qualified lessees.

ACCEPTED BY:

Name / Title

dated: _____

date	debt service	interest	principal	ending balance
10/1/2017	-	-	-	3,000,000.00
10/1/2018	74,850.00	74,850.00	-	3,000,000.00
1/1/2019	43,642.74	18,712.50	24,930.24	2,975,069.76
4/1/2019	43,642.74	18,557.00	25,085.74	2,949,984.02
7/1/2019	43,642.74	18,400.53	25,242.21	2,924,741.80
10/1/2019	43,642.74	18,243.08	25,399.66	2,899,342.14
1/1/2020	43,642.74	18,084.65	25,558.09	2,873,784.05
4/1/2020	43,642.74	17,925.23	25,717.51	2,848,066.53
7/1/2020	43,642.74	17,764.82	25,877.92	2,822,188.61
10/1/2020	43,642.74	17,603.40	26,039.34	2,796,149.27
1/1/2021	43,642.74	17,440.98	26,201.76	2,769,947.51
4/1/2021	43,642.74	17,277.55	26,365.19	2,743,582.32
7/1/2021	43,642.74	17,113.09	26,529.65	2,717,052.67
10/1/2021	43,642.74	16,947.62	26,695.12	2,690,357.55
1/1/2022	43,642.74	16,781.11	26,861.63	2,663,495.92
4/1/2022	43,642.74	16,613.56	27,029.18	2,636,466.73
7/1/2022	43,642.74	16,444.96	27,197.78	2,609,268.95
10/1/2022	43,642.74	16,275.32	27,367.42	2,581,901.53
1/1/2023	55,247.58	16,104.61	39,142.97	2,542,758.56
4/1/2023	55,247.58	15,860.46	39,387.12	2,503,371.44
7/1/2023	55,247.58	15,614.78	39,632.80	2,463,738.63
10/1/2023	55,247.58	15,367.57	39,880.01	2,423,858.62
1/1/2024	55,247.58	15,118.82	40,128.76	2,383,729.86
4/1/2024	55,247.58	14,868.52	40,379.06	2,343,350.80
7/1/2024	55,247.58	14,616.65	40,630.93	2,302,719.87
10/1/2024	55,247.58	14,363.22	40,884.36	2,261,835.50
1/1/2025	55,247.58	14,108.20	41,139.38	2,220,696.12
4/1/2025	55,247.58	13,851.59	41,395.99	2,179,300.13
7/1/2025	55,247.58	13,593.38	41,654.20	2,137,645.94
10/1/2025	55,247.58	13,333.57	41,914.01	2,095,731.93
1/1/2026	61,195.79	13,072.13	48,123.66	2,047,608.26
4/1/2026	61,195.79	12,771.96	48,423.83	1,999,184.43
7/1/2026	61,195.79	12,469.91	48,725.88	1,950,458.55
10/1/2026	61,195.79	12,165.99	49,029.80	1,901,428.75
1/1/2027	67,358.76	11,860.16	55,498.60	1,845,930.15
4/1/2027	67,358.76	11,513.99	55,844.77	1,790,085.38
7/1/2027	67,358.76	11,165.66	56,193.10	1,733,892.28
10/1/2027	67,358.76	10,815.15	56,543.61	1,677,348.67
1/1/2028	73,742.65	10,462.46	63,280.19	1,614,068.48
4/1/2028	73,742.65	10,067.75	63,674.90	1,550,393.58
7/1/2028	73,742.65	9,670.58	64,072.07	1,486,321.51
10/1/2028	73,742.65	9,270.93	64,471.72	1,421,849.79
1/1/2029	80,353.82	8,868.79	71,485.03	1,350,364.76

4/1/2029	80,353.82	8,422.90	71,930.92	1,278,433.84
7/1/2029	80,353.82	7,974.23	72,379.59	1,206,054.25
10/1/2029	80,353.82	7,522.76	72,831.06	1,133,223.20
1/1/2030	68,710.48	7,068.48	61,642.00	1,071,581.19
4/1/2030	68,710.48	6,683.99	62,026.49	1,009,554.70
7/1/2030	68,710.48	6,297.10	62,413.39	947,141.31
10/1/2030	68,710.48	5,907.79	62,802.69	884,338.63
1/1/2031	73,086.76	5,516.06	67,570.69	816,767.93
4/1/2031	73,086.76	5,094.59	67,992.17	748,775.77
7/1/2031	73,086.76	4,670.49	68,416.27	680,359.50
10/1/2031	73,086.76	4,243.74	68,843.01	611,516.49
1/1/2032	78,600.69	3,814.33	74,786.35	536,730.13
4/1/2032	78,600.69	3,347.85	75,252.83	461,477.30
7/1/2032	78,600.69	2,878.46	75,722.22	385,755.08
10/1/2032	78,600.69	2,406.15	76,194.54	309,560.54
1/1/2033	78,600.69	1,930.88	76,669.80	232,890.73
4/1/2033	78,600.69	1,452.66	77,148.03	155,742.70
7/1/2033	78,600.69	971.45	77,629.24	78,113.46
10/1/2033	78,600.69	487.23	78,113.46	0.00
total	3,762,703.34	762,703.34	3,000,000.00	

DOCUMENT CHECKLIST

PLEASE EXECUTE ONE (1) ORIGINAL SET OF ALL DOCUMENTS
NO FRONT AND BACK COPIES, PLEASE

RETURN ALL ORIGINALS TO:
U.S. BANCORP GOVERNMENT LEASING AND FINANCE, INC.
<<DOCUMENTATIONSPECIALIST>>
950 17TH STREET, 7TH FLOOR
DENVER, CO 80202
<<DOCUMENTATIONSPECIALISTPHONE>>

- **Master Tax-Exempt Lease/Purchase Agreement** – This document must be executed in the presence of a witness/attestor. The attesting witness does not have to be a notary, just present at the time of execution.
- **Addendum/Amendment to Master Tax-Exempt Lease/Purchase Agreement** – This document must be executed in the presence of a witness/attestor. The attesting witness does not have to be a notary, just present at the time of execution.
- **Property Schedule No. <<Sched.#>>** - This document must be executed in the presence of a witness/attestor. The attesting witness does not have to be a notary, just present at the time of execution.
- **Property Description and Payment Schedule – Exhibit 1**
- **Lessee's Counsel's Opinion – Exhibit 2.** This exhibit will need to be executed by your attorney, dated and placed on their letterhead. Your attorney will likely want to review the agreement prior to executing this opinion.
- **Lessee's General and Incumbency Certificate – Exhibit 3.** Include in your return package a copy of the board minutes or resolution for our files.
- **Payment of Proceeds Instructions – Exhibit 4.** Intentionally Omitted.
- **Acceptance Certificate – Exhibit 5.** Intentionally Omitted.
- **Bank Qualification and Arbitrage Rebate – Exhibit 6.**
- **Insurance Authorization and Verification** – To be filled out by the Lessee and sent to your insurance carrier. A valid insurance certificate, or self-insurance letter if the Lessee self-insures, is required prior to funding.
- **Notification of Tax Treatment** – Please provide your State of Sales/Use tax Exemption Certificate.
- **Form 8038-G** – Blank form and instructions provided to Lessee. Please consult your CPA, local legal or bond counsel to fill out.
- **Escrow Agreement** – This document needs to be executed by the Executing Official defined in the Lessee's Certificate – Exhibit 3.
 - **Investment Direction Letter – Exhibit 1.** This document needs to be executed by the Executing Official.
 - **Schedule of Fees – Exhibit 2.**
 - **Requisition Request – Exhibit 3.** This document should be retained by Lessee and utilized to request disbursements from the escrow account. Please make copies and fill out as many as are needed.
 - **Final Acceptance Certificate - Exhibit 4.** This document should be retained by Lessee and provided to Lessor once all the proceeds have been disbursed from the escrow account.
 - **Class Action Negative Consent Letter – Exhibit 6.**
 - **IRS Form W-9.** This document should be retained by Lessee and submitted with the Requisition Request(s) for each vendor being paid. Please make copies and fill out as many as are needed.

ADDENDUM (ILLINOIS)

Master Tax-Exempt Lease/Purchase Agreement

THIS ADDENDUM, which is entered into as of <<MasterLeaseDate>> between U.S. Bancorp Government Leasing and Finance, Inc. ("Lessor") and <<Lessee>> ("Lessee"), is intended to modify and supplement Property Schedule No. <<Sched. #>> (the "Property Schedule") to the Master Tax-Exempt Lease/Purchase Agreement between Lessor and Lessee dated as of <<MasterLeaseDate>> (the "Master Agreement"). Capitalized terms not otherwise defined herein shall have the meanings set forth in the Master Agreement.

In addition to the representations, warranties and covenants of Lessee set forth in the Master Agreement, Lessee, as of the Commencement Date for the Property Schedule, represents, warrants and covenants for the benefit of Lessor as follows:

(a) If Lessee is a county, the debt limitations applicable to Lessee, including but not limited to the limitations imposed by Ill. Ann. Stat. Ch. 55, §§5/5-1012, 5/5-1083 (which provide in substance that the total amount of Lease Payments payable under the Property Schedule, when aggregated with existing indebtedness, may not exceed 5.75 percent of the value of the taxable property of Lessee), have not been exceeded *[attach computation of such test]*.

(b) If Lessee is a municipality:

(i) The debt limitations applicable to Lessee, including but not limited to the limitations imposed by Ill. Ann. Stat. Ch. 65, §5/11-61-3 (which provides in substance that the total amount of Lease Payments payable under the Property Schedule, when aggregated with existing indebtedness, may not exceed 8.625 percent of the value of the taxable property of Lessee), have not been exceeded *[attach computation of such test]*;

(iii) The Property Schedule has been approved by two-thirds of the members of the governing body of Lessee.

(c) If Lessee is a school district, the Property Schedule has been approved by two-thirds of the members of the governing body of Lessee;

IN WITNESS WHEREOF, Lessor and Lessee have caused this Addendum to be executed in their names by their duly authorized representatives as of the date first above written.

Lessor: U.S. Bancorp Government Leasing and Finance, Inc.
By:
Name:
Title:

Lessee: <<Lessee>>
By:
Name:
Title:
Attest:
By
Name:
Title:

Master Tax-Exempt Lease/Purchase Agreement

Between: U.S. Bancorp Government Leasing and Finance, Inc. (the "Lessor")
13010 SW 68th Parkway, Suite 100
Portland, OR 97223

And: <<Lessee>> (the "Lessee")
<<LesseeAddress1>>
<<LesseeAddress2>>
<<LesseeCity>>, <<LesseeState>> <<LesseeZip>>
Attention: <<LesseeContact>>
Telephone: <<LesseePhone>>

Dated: <<MasterLeaseDate>>

ARTICLE I DEFINITIONS

The following terms will have the meanings indicated below unless the context clearly requires otherwise:

"Agreement" means this Master Tax-Exempt Lease/Purchase Agreement, including all exhibits and schedules attached hereto.

"Code" is defined in Section 3.01(f).

"Commencement Date" is the date when the term of a Property Schedule and Lessee's obligation to pay rent thereunder commences, which date shall be set forth in such Property Schedule.

"Event of Default" is defined in Section 13.01.

"Lease Payments" means the Lease Payments payable by Lessee under Article VI of this Agreement and each Property Schedule, as set forth in each Property Schedule.

"Lease Payment Dates" means the Lease Payment dates for the Lease Payments as set forth in each Property Schedule.

"Lease Term" means, with respect to a Property Schedule, the Original Term and all Renewal Terms. The Lease Term for each Property Schedule executed hereunder shall be set forth in such Property Schedule, as provided in Section 4.02.

"Lessee" means the entity identified as such in the first paragraph hereof, and its permitted successors and assigns.

"Lessor" means the entity identified as such in the first paragraph hereof, and its successors and assigns.

"Nonappropriation Event" is defined in Section 6.06.

"Original Term" means, with respect to a Property Schedule, the period from the Commencement Date until the end of the budget year of Lessee in effect at the Commencement Date.

"Property" means, collectively, the property lease/purchased pursuant to this Agreement, and with respect to each Property Schedule, the property described in such Property Schedule, and all replacements, repairs, restorations, modifications and improvements thereof or thereto made pursuant to Section 8.01 or Article IX.

"Property Schedule" means a Property Schedule in the form attached hereto for Property Schedule 1. Subsequent Property Schedules pursuant to this Agreement shall be numbered consecutively, beginning with Property Schedule 2.

"Purchase Price" means the amount that Lessee may, in its discretion, pay to Lessor to purchase the Property under a Property Schedule, as provided in Section 11.01 and as set forth in the Property Schedule.

"Renewal Terms" means the renewal terms of a Property Schedule, each having a duration of one year and a term coextensive with Lessee's budget year.

"State" means the state where Lessee is located.

"Vendor" means the manufacturer or contractor of the Property as well as the agents or dealers of the manufacturer or contractor from whom Lessor or Lessee purchased or is purchasing all or any portion of the Property.

ARTICLE II

2.01 Property Schedules Separate Financings. Each Property Schedule executed and delivered under this Agreement shall be a separate financing, distinct from other Property Schedules. Without limiting the foregoing, upon the occurrence of an Event of Default or a Nonappropriation Event with respect to a Property Schedule, Lessor shall have the rights and remedies specified herein with respect to the Property financed and the Lease Payments payable under such Property Schedule, and except as expressly provided in Section 12.02 below, Lessor shall have no rights or remedies with respect to Property financed or Lease Payments payable under any other Property Schedules unless an Event of Default or Nonappropriation Event has also occurred under such other Property Schedules.

ARTICLE III

3.01 Covenants of Lessee. As of the Commencement Date for each Property Schedule executed and delivered hereunder, Lessee shall be deemed to represent, covenant and warrant for the benefit of Lessor as follows:

- (a) Lessee is a public body corporate and politic duly organized and existing under the constitution and laws of the State with full power and authority to enter into this Agreement and the Property Schedule and the transactions contemplated thereby and to perform all of its obligations thereunder.
- (b) Lessee will do or cause to be done all things necessary to preserve and keep in full force and effect its existence as a body corporate and politic. To the extent Lessee should merge with another entity under the laws of the State, Lessee agrees that as a condition to such merger it will require that the remaining or resulting entity shall be assigned Lessee's rights and shall assume Lessee's obligations hereunder.

- (c) Lessee has been duly authorized to execute and deliver this Agreement and the Property Schedule by proper action by its governing body, or by other appropriate official approval, and all requirements have been met and procedures have occurred in order to ensure the validity and enforceability of this Agreement and the Property Schedule, and Lessee has complied with such public bidding requirements as may be applicable to this Agreement and the Property Schedule and the acquisition by Lessee of the Property thereunder. On or before the Commencement Date for the Property Schedule, Lessee shall cause to be delivered an opinion of counsel in substantially the form attached to the form of the Property Schedule as Exhibit 2.
- (d) During the Lease Term for the Property Schedule, the Property thereunder will perform and will be used by Lessee only for the purpose of performing essential governmental uses and public functions within the permissible scope of Lessee's authority.
- (e) Lessee will provide Lessor with current financial statements, budgets and proof of appropriation for the ensuing budget year and other financial information relating to the ability of Lessee to continue this Agreement and the Property Schedule in such form and containing such information as may be requested by Lessor.
- (f) Lessee will comply with all applicable provisions of the Internal Revenue Code of 1986, as amended (the "Code"), including Sections 103 and 148 thereof, and the regulations of the Treasury Department thereunder, from time to time proposed or in effect, in order to maintain the excludability from gross income for federal income tax purposes of the interest component of Lease Payments under the Property Schedule and will not use or permit the use of the Property in such a manner as to cause a Property Schedule to be a "private activity bond" under Section 141(a) of the Code. Lessee covenants and agrees that it will use the proceeds of the Property Schedule as soon as practicable and with all reasonable dispatch for the purpose for which the Property Schedule has been entered into, and that no part of the proceeds of the Property Schedule shall be invested in any securities, obligations or other investments except for the temporary period pending such use nor used, at any time, directly or indirectly, in a manner which, if such use had been reasonably anticipated on the date of issuance of the Agreement, would have caused any portion of the Property Schedule to be or become "arbitrage bonds" within the meaning of Section 103(b)(2) or Section 148 of the Code and the regulations of the Treasury Department thereunder proposed or in effect at the time of such use and applicable to obligations issued on the date of issuance of the Property Schedule.
- (g) The execution, delivery and performance of this Agreement and the Property Schedule and compliance with the provisions hereof and thereof by Lessee does not conflict with or result in a violation or breach or constitute a default under, any resolution, bond, agreement, indenture, mortgage, note, lease or other instrument to which Lessee is a party or by which it is bound by any law or any rule, regulation, order or decree of any court, governmental agency or body having jurisdiction over Lessee or any of its activities or properties resulting in the creation or imposition of any lien, charge or other security interest or encumbrance of any nature whatsoever upon any property or assets of Lessee or to which it is subject.
- (h) Lessee's exact legal name is as set forth on the first page of this Agreement. Lessee will not change its legal name in any respect without giving thirty (30) days prior notice to Lessor.

ARTICLE IV

4.01 Lease of Property. On the Commencement Date of each Property Schedule executed hereunder, Lessor will be deemed to demise, lease and let to Lessee, and Lessee will be deemed to rent, lease and hire from Lessor, the Property described in such Property Schedule, in accordance with this Agreement and such Property Schedule, for the Lease Term set forth in such Property Schedule.

4.02 Lease Term. The term of each Property Schedule shall commence on the Commencement Date set forth therein and shall terminate upon payment of the final Lease Payment set forth in such Property Schedule and the exercise of the Purchase Option described in Section 11.01, unless terminated sooner pursuant to this Agreement or the Property Schedule.

4.03 Delivery, Installation and Acceptance of Property. Lessee shall order the Property, shall cause the Property to be delivered and installed at the locations specified in the applicable Property Schedule and shall pay all taxes, delivery costs and installation costs, if any, in connection therewith. To the extent funds are deposited under an escrow agreement or trust agreement for the acquisition of the Property, such funds shall be disbursed as provided therein. When the Property described in such Property Schedule is delivered, installed and accepted as to Lessee's specifications, Lessee shall immediately accept the Property and evidence said acceptance by executing and delivering to Lessor the Acceptance Certificate substantially in the form attached to the Property Schedule.

ARTICLE V

5.01 Enjoyment of Property. Lessee shall during the Lease Term peaceably and quietly have, hold and enjoy the Property, without suit, trouble or hindrance from Lessor, except as expressly set forth in this Agreement. Lessor shall not interfere with such quiet use and enjoyment during the Lease Term so long as Lessee is not in default under the subject Property Schedule.

5.02 Location; Inspection. The Property will be initially located or based at the location specified in the applicable Property Schedule. Lessor shall have the right at all reasonable times during business hours to enter into and upon the property of Lessee for the purpose of inspecting the Property.

ARTICLE VI

6.01 Lease Payments to Constitute a Current Expense of Lessee. Lessor and Lessee understand and intend that the obligation of Lessee to pay Lease Payments hereunder shall constitute a current expense of Lessee and shall not in any way be construed to be a debt of Lessee in contravention of any applicable constitutional, statutory or charter limitation or requirement concerning the creation of indebtedness by Lessee, nor shall anything contained herein constitute a pledge of the faith and credit or taxing power of Lessee. Upon the appropriation of Lease Payments for a fiscal year, the Lease Payments for said fiscal year, and only the Lease Payments for said current fiscal year, shall be a binding obligation of Lessee; provided that such obligation shall not include a pledge of the taxing power of Lessee.

6.02 Payment of Lease Payments. Lessee shall promptly pay Lease Payments under each Property Schedule, exclusively from legally available funds, in lawful money of the United States of America, to Lessor in such amounts and on such dates as described in the applicable Property Schedule, at Lessor's address set forth on the first page of this Agreement, unless Lessor instructs Lessee otherwise. Lessee shall pay Lessor a charge on any delinquent Lease Payments under a Property Schedule in an amount sufficient to cover all additional costs and expenses incurred by Lessor from such delinquent Lease Payment. In addition, Lessee shall pay a late charge of five cents per dollar or the highest amount permitted by applicable law, whichever is lower, on all delinquent Lease Payments and interest on said delinquent amounts from the date such amounts were due until paid at the rate of 12% per annum or the maximum amount permitted by law, whichever is less.

6.03 Interest Component. A portion of each Lease Payment due under each Property Schedule is paid as, and represents payment of, interest, and each Property Schedule hereunder shall set forth the interest component (or method of computation thereof) of each Lease Payment thereunder during the Lease Term.

6.04 Lease Payments to be Unconditional. SUBJECT TO SECTION 6.06, THE OBLIGATIONS OF LESSEE TO PAY THE LEASE PAYMENTS DUE UNDER THE PROPERTY SCHEDULES AND TO PERFORM AND OBSERVE THE OTHER COVENANTS AND AGREEMENTS CONTAINED HEREIN SHALL BE ABSOLUTE AND UNCONDITIONAL IN ALL EVENTS WITHOUT ABATEMENT, DIMINUTION, DEDUCTION, SET-OFF OR DEFENSE, FOR ANY REASON, INCLUDING WITHOUT LIMITATION, ANY DEFECTS, MALFUNCTIONS, BREAKDOWNS OR INFIRMITIES IN THE PROPERTY OR ANY ACCIDENT, CONDEMNATION OR UNFORESEEN CIRCUMSTANCES. THIS PROVISION SHALL NOT LIMIT LESSEE'S RIGHTS OR ACTIONS AGAINST ANY VENDOR AS PROVIDED IN SECTION 10.02.

6.05 Continuation of Lease by Lessee. Lessee intends to continue all Property Schedules entered into pursuant to this Agreement and to pay the Lease Payments thereunder. Lessee reasonably believes that legally available funds in an amount sufficient to make all Lease Payments during the term of all Property Schedules can be obtained. Lessee agrees that its staff will provide during the budgeting process for each budget year to the governing body of Lessee notification of any Lease Payments due under the Property Schedules during the following budget year. Notwithstanding this covenant, if Lessee fails to appropriate the Lease Payments for a Property Schedule pursuant to Section 6.06, such Property Schedule shall terminate at the end of the then current Original Term or Renewal Term. Although Lessee has made this covenant, in the event that it fails to provide such notice, no remedy is provided and Lessee shall not be liable for any damages for its failure to so comply.

6.06 Nonappropriation. If during the then current Original Term or Renewal Term, sufficient funds are not appropriated to make Lease Payments required under a Property Schedule for the following fiscal year, Lessee shall be deemed to not have renewed such Property Schedule for the following fiscal year and the Property Schedule shall terminate at the end of the then current Original Term or Renewal Term and Lessee shall not be obligated to make Lease Payments under said Property Schedule beyond the then current fiscal year for which funds have been appropriated. Upon the occurrence of such nonappropriation (a "Nonappropriation Event") Lessee shall, no later than the end of the fiscal year for which Lease Payments have been appropriated, deliver possession of the Property under said Property Schedule to Lessor. If Lessee

fails to deliver possession of the Property to Lessor upon termination of said Property Schedule by reason of a Nonappropriation Event, the termination shall nevertheless be effective but Lessee shall be responsible for the payment of damages in an amount equal to the portion of Lease Payments thereafter coming due that is attributable to the number of days after the termination during which the Lessee fails to deliver possession and for any other loss suffered by Lessor as a result of Lessee's failure to deliver possession as required. In addition, Lessor may, by written instructions to any escrow agent who is holding proceeds of the Property Schedule, instruct such escrow agent to release all such proceeds and any earnings thereon to Lessor, such sums to be credited to Lessee's obligations under the Property Schedule and this Agreement. Lessee shall notify Lessor in writing within seven (7) days after the failure of the Lessee to appropriate funds sufficient for the payment of the Lease Payments, but failure to provide such notice shall not operate to extend the Lease Term or result in any liability to Lessee.

6.07 Defeasance of Lease Payments. Lessee may at any time irrevocably deposit in escrow with a defeasance escrow agent for the purpose of paying all of the principal component and interest component accruing under a Property Schedule, a sum of cash and non-callable securities consisting of direct obligations of, or obligations the principal of an interest on which are unconditionally guaranteed by, the United States of America or any agency or instrumentality thereof, in such aggregate amount, bearing interest at such rates and maturing on such dates as shall be required to provide funds sufficient for this purpose. Upon such defeasance, all right, title and interest of Lessor in the Property under said Property Schedule shall terminate. Lessee shall cause such investment to comply with the requirements of federal tax law so that the exclusion from gross income of the interest component of Lease Payments on said Property Schedule is not adversely affected.

6.08 Gross-Up. If an Event of Taxability occurs with respect to a Property Schedule, the interest component of Lease Payments on the Property Schedule shall thereafter be payable at the Taxable Rate, and Lessee shall pay to Lessor promptly following demand an amount sufficient to supplement prior Lease Payments on such Property Schedule so that Lessor receives the interest component of such Lease Payments, retroactive to the date as of which the interest component is determined to be includible in the gross income of Lessor for federal income tax purposes, calculated at the Taxable Rate, together with any penalties and interest actually imposed on Lessor as a result of the Event of Taxability. For purposes of this Section, "Event of Taxability" means, with respect to a Property Schedule, (a) a final determination by the Internal Revenue Service or a court of competent jurisdiction that the interest component of Lease Payments on the Property Schedule is includible for federal income tax purposes in the gross income of Lessor, or (b) receipt by Lessor of a written opinion of a nationally recognized public finance lawyer or law firm to the effect that there exists substantial doubt whether the interest component of Lease Payments on the Property Schedule is excludible for federal income tax purposes from the gross income of Lessor, in each case due to any action or failure to take action by Lessee. "Taxable Rate" means the interest rate at which the interest component of Lease Payments on a Property Schedule was originally calculated, divided by 0.65.

ARTICLE VII

7.01 Title to the Property. Upon acceptance of the Property by Lessee and unless otherwise required by the laws of the State, title to the Property shall vest in Lessee, subject to Lessor's interests under the applicable Property Schedule and this Agreement.

7.02 Personal Property. The Property is and will remain personal property and will not be deemed to be affixed to or a part of the real estate on which it may be situated, notwithstanding that the Property or any part thereof may be or hereafter become in any manner physically affixed or attached to real estate or any building thereon. If requested by Lessor, Lessee will, at Lessee's expense, furnish a waiver of any interest in the Property from any party having an interest in any such real estate or building.

7.03 Security Interest. To the extent permitted by law and to secure the performance of all of Lessee's obligations under this Agreement with respect to a Property Schedule, including without limitation all Property Schedules now existing are hereafter executed, Lessee grants to Lessor, for the benefit of Lessor and its successors and assigns, a security interest constituting a first lien on Lessee's interest in all of the Property under the Property Schedule, whether now owned or hereafter acquired, all additions, attachments, alterations and accessions to the Property, all substitutions and replacements for the Property, and on any proceeds of any of the foregoing, including insurance proceeds. Lessee shall execute any additional documents, including financing statements, affidavits, notices and similar instruments, in form and substance satisfactory to Lessor, which Lessor deems necessary or appropriate to establish, maintain and perfect a security interest in the Property in favor of Lessor and its successors and assigns. Lessee hereby authorizes Lessor to file all financing statements which Lessor deems necessary or appropriate to establish, maintain and perfect such security interest.

ARTICLE VIII

8.01 Maintenance of Property by Lessee. Lessee shall keep and maintain the Property in good condition and working order and in compliance with the manufacturer's specifications, shall use, operate and maintain the Property in conformity with all laws and regulations concerning the Property's ownership, possession, use and maintenance, and shall keep the Property free and clear of all liens and claims, other than those created by this Agreement. Lessee shall have sole responsibility to maintain and repair the Property. Should Lessee fail to maintain, preserve and keep the Property in good repair and working order and in accordance with manufacturer's specifications, and if requested by Lessor, Lessee will enter into maintenance contracts for the Property in form approved by Lessor and with approved providers.

8.02 Liens, Taxes, Other Governmental Charges and Utility Charges. Lessee shall keep the Property free of all levies, liens and encumbrances, except for the interest of Lessor under this Agreement. The parties to this Agreement contemplate that the Property will be used for a governmental or proprietary purpose of Lessee and, therefore, that the Property will be exempt from all property taxes. The Lease Payments payable by Lessee under this Agreement and the Property Schedules hereunder have been established to reflect the savings resulting from this exemption from taxation. Lessee will take such actions necessary under applicable law to obtain said exemption. Nevertheless, if the use, possession or acquisition of the Property is determined to be subject to taxation or later becomes subject to such taxes, Lessee shall pay when due all taxes and governmental charges lawfully assessed or levied against or with respect to the Property. Lessee shall pay all gas, water, steam, electricity, heat, power, telephone, utility and other charges incurred in the operation, maintenance, use, occupancy and upkeep of the Property. Lessee shall pay such taxes or charges as the same may become due; provided that, with respect to any such taxes or charges that may lawfully be paid in installments over a period of years, Lessee shall be obligated to pay only such installments as accrue during the then current fiscal year of the Lease Term for such Property.

8.03 Insurance. At its own expense, Lessee shall maintain (a) casualty insurance insuring the Property against loss or damage by fire and all other risks covered by the standard extended coverage endorsement then in use in the State and any other risks reasonably required by Lessor in an amount equal to at least the outstanding principal component of Lease Payments, and (b) liability insurance that protects Lessor from liability in all events in an amount reasonably acceptable to Lessor, and (c) worker's compensation insurance covering all employees working on, in, near or about the Property; provided that Lessee may self-insure against all such risks. All insurance proceeds from casualty losses shall be payable as hereinafter provided in this Agreement. All such insurance shall be with insurers that are authorized to issue such insurance in the State. All such liability insurance shall name Lessor as an additional insured. All such casualty insurance shall contain a provision making any losses payable to Lessor and Lessee as their respective interests may appear. All such insurance shall contain a provision to the effect that such insurance shall not be canceled or modified without first giving written notice thereof to Lessor and Lessee at least thirty (30) days in advance of such cancellation or modification. Such changes shall not become effective without Lessor's prior written consent. Lessee shall furnish to Lessor, on or before the Commencement Date for each Property Schedule, and thereafter at Lessor's request, certificates evidencing such coverage, or, if Lessee self-insures, a written description of its self-insurance program together with a certification from Lessee's risk manager or insurance agent or consultant to the effect that Lessee's self-insurance program provides adequate coverage against the risks listed above.

8.04 Advances. In the event Lessee shall fail to either maintain the insurance required by this Agreement or keep the Property in good repair and working order, Lessor may, but shall be under no obligation to, purchase the required insurance and pay the cost of the premiums thereof or maintain and repair the Property and pay the cost thereof. All amounts so advanced by Lessor shall constitute additional rent for the Lease Term for the applicable Property Schedule and shall be due and payable on the next Lease Payment Date and Lessee covenants and agrees to pay such amounts so advanced by Lessor with interest thereon from the date such amounts are advanced until paid at the rate of 12% per annum or the maximum amount permitted by law, whichever is less.

ARTICLE IX

9.01 Damage or Destruction. If (a) the Property under a Property Schedule or any portion thereof is destroyed, in whole or in part, or is damaged by fire or other casualty, or (b) title to, or the temporary use of, the Property under a Property Schedule or any part thereof shall be taken under the exercise or threat of the power of eminent domain by any governmental body or by any person, firm or corporation acting pursuant to governmental authority, Lessor and Lessee will cause the Net Proceeds (as hereinafter defined) of any insurance claim, condemnation award or sale under threat of condemnation to be applied to the prompt replacement, repair, restoration, modification or improvement of the Property, unless Lessee shall have exercised its right to defease the Property Schedule as provided herein, or unless Lessee shall have exercised its option to purchase Lessor's interest in the Property if the Property Schedule so provides. Any balance of the Net Proceeds remaining after such work has been completed shall be paid to Lessee. For purposes of Section 8.03 and this Article IX, the term "Net Proceeds" shall mean the amount remaining from the gross proceeds of any insurance claim, condemnation award or sale under threat of condemnation after deducting all expenses, including attorneys' fees, incurred in the collection thereof.

9.02 Insufficiency of Net Proceeds. If the Net Proceeds are insufficient to pay in full the cost of any repair, restoration, modification or improvement referred to in Section 9.01, Lessee shall (a) complete such replacement, repair, restoration, modification or improvement and pay any costs thereof in excess of the amount of the Net

Proceeds and, if Lessee shall make any payments pursuant to this Section, Lessee shall not be entitled to any reimbursement therefor from Lessor nor shall Lessee be entitled to any diminution of the amounts payable under Section 6.02, or (b) defease the Property Schedule pursuant to Section 6.07, or (c) exercise its option to purchase Lessor's interest in the Property pursuant to the optional purchase provisions of the Property Schedule, if any. The amount of the Net Proceeds, if any, remaining after completing such repair, restoration, modification or improvement or after such defeasance or purchase may be retained by Lessee.

ARTICLE X

10.01 Disclaimer of Warranties. LESSOR MAKES NO (AND SHALL NOT BE DEEMED TO HAVE MADE ANY) WARRANTIES, EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER, INCLUDING, WITHOUT LIMITATION, THE DESIGN, OPERATION OR CONDITION OF, OR THE QUALITY OF THE MATERIAL, EQUIPMENT OR WORKMANSHIP IN, THE PROPERTY, ITS MERCHANTABILITY OR ITS FITNESS FOR ANY PARTICULAR PURPOSE, THE STATE OF TITLE THERETO OR ANY COMPONENT THEREOF, THE ABSENCE OF LATENT OR OTHER DEFECTS (WHETHER OR NOT DISCOVERABLE), AND LESSOR HEREBY DISCLAIMS THE SAME; IT BEING UNDERSTOOD THAT THE PROPERTY IS LEASED TO LESSEE "AS IS" ON THE DATE OF THIS AGREEMENT OR THE DATE OF DELIVERY, WHICHEVER IS LATER, AND ALL SUCH RISKS, IF ANY, ARE TO BE BORNE BY LESSEE. Lessee acknowledges that it has made (or will make) the selection of the Property from the Vendor based on its own judgment and expressly disclaims any reliance upon any statements or representations made by Lessor. Lessee understands and agrees that (a) neither the Vendor nor any sales representative or other agent of Vendor, is (i) an agent of Lessor, or (ii) authorized to make or alter any term or condition of this Agreement, and (b) no such waiver or alteration shall vary the terms of this Agreement unless expressly set forth herein. In no event shall Lessor be liable for any incidental, indirect, special or consequential damage in connection with or arising out of this Agreement, the Property Schedules, or the existence, furnishing, functioning or use of any item, product or service provided for in this Agreement or the Property Schedules.

10.02 Vendor's Warranties. Lessor hereby irrevocably assigns to Lessee all rights that Lessor may have to assert from time to time whatever claims and rights (including without limitation warranties) related to the Property against the Vendor. Lessee's sole remedy for the breach of such warranty, indemnification or representation shall be against the Vendor of the Property, and not against Lessor, nor shall such matter have any effect whatsoever on the rights and obligations of Lessor with respect to this Agreement, including the right to receive full and timely payments hereunder. Lessee expressly acknowledges that Lessor makes, and has made, no representations or warranties whatsoever as to the existence or the availability of such warranties of the Vendor of the Property.

10.03 Use of the Property. Lessee will not install, use, operate or maintain the Property improperly, carelessly, in violation of any applicable law or in a manner contrary to that contemplated by this Agreement and the applicable Property Schedule. Lessee shall provide all permits and licenses, if any, necessary for the installation and operation of the Property. In addition, Lessee agrees to comply in all respects with all laws of the jurisdiction in which its operations involving any item of Property may extend and any legislative, executive, administrative or judicial body exercising any power or jurisdiction over the items of the Property; provided that Lessee may contest in good faith the validity or application of any such law or rule in any reasonable manner that does not, in the opinion of Lessor, adversely affect the interest of Lessor in and to the Property or its interest or rights under this Agreement. Lessee shall promptly notify Lessor in writing of any pending or threatened investigation, inquiry, claim or action by any governmental authority which could adversely affect this Agreement, any Property Schedule or the Property thereunder.

10.04 Modifications. Subject to the provisions of this Section, Lessee shall have the right, at its own expense, to make alterations, additions, modifications or improvements to the Property. All such alterations, additions, modifications and improvements shall thereafter comprise part of the Property and shall be subject to the provisions of this Agreement. Such alterations, additions, modifications and improvements shall not in any way damage the Property, substantially alter its nature or cause it to be used for purposes other than those authorized under the provisions of state and federal law; and the Property, on completion of any alterations, additions, modifications or improvements made pursuant to this Section, shall be of a value which is equal to or greater than the value of the Property immediately prior to the making of such alterations, additions, modifications and improvements. Lessee shall, at its own expense, make such alterations, additions, modifications and improvements to the Property as may be required from time to time by applicable law or by any governmental authority.

ARTICLE XI

11.01 Option to Purchase. Lessee shall have the option to purchase Lessor's entire interest in all of the Property subject to a Property Schedule and to terminate any restrictions herein on the Property under such Property Schedule on the last day of the Lease Term for a Property Schedule, if the Property Schedule is still in effect on such day, upon payment in full of the Lease Payments due thereunder plus payment of One (1) Dollar to Lessor. Upon exercise of the purchase option as set forth in this Section 11.01 and payment of the purchase price under the applicable Property Schedule, and performance by Lessee of all other terms, conditions and provisions hereof, Lessor shall deliver to Lessee all such documents and instruments as Lessee may reasonably require to evidence the transfer, without warranty by or recourse to Lessor, of all of Lessor's right, title and interest in and to the Property subject to such Property Schedule to Lessee.

11.02 Option to Prepay. Lessee shall have the option to prepay in whole the Lease Payments due under a Property Schedule, but only if the Property Schedule so provides, and on the terms set forth in the Property Schedule. Lessee shall give written notice to Lessor of its intent to purchase Lessor's interest in the Property at least sixty (60) days prior to the last day of the Lease Term for applicable Property Schedule.

ARTICLE XII

12.01 Assignment by Lessor. Lessor's right, title and interest in, to and under each Property Schedule and the Property under such Property Schedule may be assigned and reassigned in whole or in part to one or more assignees or subassignees by Lessor without the necessity of obtaining the consent of Lessee; provided that any assignment shall not be effective until Lessee has received written notice, signed by the assignor, of the name, address and tax identification number of the assignee. Lessee shall retain all such notices as a register of all assignees and shall make all payments to the assignee or assignees designated in such register. Lessee agrees to execute all documents, including notices of assignment and chattel mortgages or financing statements that may be reasonably requested by Lessor or any assignee to protect its interests in this Agreement and the Property Schedules.

12.02 Property Schedules Separate Financings. Assignees of the Lessor's rights in one Property Schedule shall have no rights in any other Property Schedule unless such rights have been separately assigned.

12.03 Assignment and Subleasing by Lessee. NONE OF LESSEE'S RIGHT, TITLE AND INTEREST IN, TO AND UNDER THIS AGREEMENT AND IN THE PROPERTY MAY BE ASSIGNED, SUBLEASED OR ENCUMBERED BY LESSEE FOR ANY REASON, WITHOUT THE PRIOR WRITTEN CONSENT OF LESSOR.

12.04 Release and Indemnification Covenants. To the extent permitted by applicable law, Lessee shall indemnify, protect, hold harmless, save and keep harmless Lessor from and against any and all liability, obligation, loss, claim and damage whatsoever, regardless of cause thereof, and all expenses in connection therewith, including, without limitation, counsel fees and expenses, penalties and interest (collectively, "Losses") arising out of or resulting from the entering into this Agreement, any Property Schedules hereunder, the ownership of any item of the Property, the loss of federal tax exemption of the interest on any of the Property Schedules, the ordering, acquisition, use, operation, condition, purchase, delivery, rejection, storage or return of any item of the Property or any accident in connection with the operation, use, condition, possession, storage or return of any item of the Property resulting in damage to property or injury to or death to any person; provided, however, that Lessee shall not be required to indemnify Lessor for Losses arising out of or resulting from Lessor's own willful or negligent conduct, or for Losses arising out of or resulting from Lessor's preparation of disclosure material relating to certificates of participation in this Agreement and any Property Schedule (other than disclosure material provided to Lessor by Lessee). The indemnification arising under this Section shall continue in full force and effect notwithstanding the full payment of all obligations under this Agreement, or the applicable Property Schedule, or the termination of the Lease Term for such Property Schedule for any reason.

ARTICLE XIII

13.01 Events of Default Defined. Any of the following shall constitute an "Event of Default" under a Property Schedule:

- (a) Failure by Lessee to pay any Lease Payment under the Property Schedule or other payment required to be paid with respect thereto at the time specified therein;
- (b) Failure by Lessee to observe and perform any covenant, condition or agreement on its part to be observed or performed with respect to the Property Schedule, other than as referred to in subparagraph (a) above, for a period of thirty (30) days after written notice specifying such failure and requesting that it be remedied is given to Lessee by Lessor, unless Lessor shall agree in writing to an extension of such time prior to its expiration; provided that, if the failure stated in the notice cannot be corrected within the applicable period, Lessor will not unreasonably withhold its consent to an extension of such time if corrective action is instituted by Lessee within the applicable period and diligently pursued until the default is corrected;

- (c) Any statement, representation or warranty made by Lessee in or pursuant to the Property Schedule or its execution, delivery or performance shall prove to have been false, incorrect, misleading or breached in any material respect on the date when made;
- (d) Lessee shall (i) apply for or consent to the appointment of a receiver, trustee, custodian or liquidator of Lessee, or of all or a substantial part of the assets of Lessee, (ii) be unable, fail or admit in writing its inability generally to pay its debts as they become due, (iii) make a general assignment for the benefit of creditors, (iv) have an order for relief entered against it under applicable federal bankruptcy law, or (v) file a voluntary petition in bankruptcy or a petition or an answer seeking reorganization or an arrangement with creditors or taking advantage of any insolvency law or any answer admitting the material allegations of a petition filed against Lessee in any bankruptcy, reorganization or insolvency proceeding; or
- (e) An order, judgment or decree shall be entered by any court of competent jurisdiction, approving a petition or appointing a receiver, trustee, custodian or liquidator of Lessee or of all or a substantial part of the assets of Lessee, in each case without its application, approval or consent, and such order, judgment or decree shall continue unstayed and in effect for any period of 60 consecutive days.

The foregoing provisions of Section 13.01 are subject to the following limitation: if by reason of force majeure Lessee is unable in whole or in part to perform its agreements under this Agreement and the Property Schedule (other than the obligations on the part of Lessee contained in Article VI hereof) Lessee shall not be in default during the continuance of such inability. The term "force majeure" as used herein shall mean the following: acts of God; strikes, lockouts or other industrial disturbances; acts of public enemies; orders or restraints of any kind of the government of the United States or of the State or any of their departments, agencies or officials, or any civil or military authority; insurrections, riots, landslides, earthquakes, fires, storms, droughts, floods, explosions, breakage or accident to machinery, transmission pipes or canals; or any other cause or event not reasonably within the control of Lessee.

A Nonappropriation Event is not an Event of Default.

13.02 Remedies on Default. Whenever any Event of Default exists with respect to a Property Schedule, Lessor shall have the right, at its sole option without any further demand or notice, to take one or any combination of the following remedial steps:

- (a) Without terminating the Property Schedule, and by written notice to Lessee, Lessor may declare all Lease Payments and other amounts payable by Lessee thereunder to the end of the then-current budget year of Lessee to be due, including without limitation delinquent Lease Payments under the Property Schedule from prior budget years, and such amounts shall thereafter bear interest at the rate of 12% per annum or the maximum rate permitted by applicable law, whichever is less;
- (b) Lessor may terminate the Property Schedule, may enter the premises where the Property subject to the Property Schedule is located and retake possession of the Property, or require Lessee, at Lessee's expense, to promptly return any or all of the Property to the possession of Lessor at such place within the United States as Lessor shall specify, and Lessor may thereafter dispose of the Property in accordance with Article 9 of the Uniform Commercial Code in effect in the State; provided, however, that any proceeds from the disposition of the property in excess of the sum required to (i) pay off any outstanding principal component of Lease Payments, (ii) pay any other amounts then due under the Property Schedule, and (iii) pay Lessor's costs and expenses associated with the disposition of the Property (including attorneys fees), shall be paid to Lessee or such other creditor of Lessee as may be entitled thereto, and further provided that no deficiency shall be allowed against Lessee except with respect to unpaid costs and expenses incurred by Lessor in connection with the disposition of the Property;
- (c) By written notice to any escrow agent who is holding proceeds of the Property Schedule, Lessor may instruct such escrow agent to release all such proceeds and any earnings thereon to Lessor, such sums to be credited to payment of Lessee's obligations under the Property Schedule;
- (d) Lessor may take any action, at law or in equity, that is permitted by applicable law and that may appear necessary or desirable to enforce or to protect any of its rights under the Property Schedule and this Agreement.

Notwithstanding the foregoing, if the proceeds are insufficient to pay items (i) to (iii) in Section 13.02(b) in whole, Lessee shall remain obligated after application of proceeds to items (i) and (ii), to pay in whole the amounts for item (iii).

13.03 No Remedy Exclusive. No remedy herein conferred upon or reserved to Lessor is intended to be exclusive and every such remedy shall be cumulative and shall be in addition to every other remedy given under this Agreement now or hereafter existing at law or in equity. No delay or omission to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver thereof, but any such right or power may be exercised from time to time and as often as may be deemed expedient. In order to entitle Lessor to exercise any remedy reserved to it in this Article it shall not be necessary to give any notice, other than such notice as may be required in this Article.

13.04 Costs and Attorney Fees. Upon the occurrence of an Event of Default by Lessee in the performance of any term of this Agreement, Lessee agrees to pay to Lessor or reimburse Lessor for, in addition to all other amounts due hereunder, all of Lessor's costs of collection, including reasonable attorney fees, whether or not suit or action is filed thereon. Any such costs shall be immediately due and payable upon written notice and demand given to Lessee, shall be secured by this Agreement until paid and shall bear interest at the rate of 12% per annum or the maximum amount permitted by law, whichever is less. In the event suit or action is instituted to enforce any of the terms of this Agreement, the prevailing party shall be entitled to recover from the other party such sum as the court may adjudge reasonable as attorneys' fees at trial or on appeal of such suit or action or in any bankruptcy proceeding, in addition to all other sums provided by law.

ARTICLE XIV

14.01 Notices. All notices, certificates or other communications hereunder shall be sufficiently given and shall be deemed given when delivered or mailed by certified mail, postage prepaid, to the parties hereto at the addresses as specified on the first page of this Agreement (or at such other address as either party hereto shall designate in writing to the other for notices to such party), to any assignee at its address as it appears on the registration books maintained by Lessee.

14.02 Arbitration Certificates. Unless a separate Arbitration Certificate is delivered on the Commencement Date, Lessee shall be deemed to make the following representations and covenants as of the Commencement Date for each Property Schedule:

- (a) The estimated total costs, including taxes, freight, installation, and cost of issuance, of the Property under the Property Schedule will not be less than the total principal amount of the Lease Payments.
- (b) The Property under the Property Schedule has been ordered or is expected to be ordered within six months after the Commencement Date and the Property is expected to be delivered and installed, and the Vendor fully paid, within eighteen months from the Commencement Date. Lessee will pursue the completion of the Property and the expenditure of the net proceeds of the Property Schedule with due diligence.
- (c) Lessee has not created or established, and does not expect to create or establish, any sinking fund or other similar fund (i) that is reasonably expected to be used to pay the Lease Payments under the Property Schedule, or (ii) that may be used solely to prevent a default in the payment of the Lease Payments under the Property Schedule.
- (d) The Property under the Property Schedule has not been and is not expected to be sold or otherwise disposed of by Lessee, either in whole or in major part, prior to the last maturity of the Lease Payments under the Property Schedule.
- (e) There are no other obligations of Lessee which (i) are being sold within 15 days of the Commencement Date of the Property Schedule; (ii) are being sold pursuant to the same plan of financing as the Property Schedule; and (iii) are expected to be paid from substantially the same source of funds.
- (f) The officer or official who has executed the Property Schedule on Lessee's behalf is familiar with Lessee's expectations regarding the use and expenditure of the proceeds of the Property Schedule. To the best of Lessee's knowledge, information and belief, the facts and estimates set forth in herein are accurate and the expectations of Lessee set forth herein are reasonable.

14.03 Further Assurances. Lessee agrees to execute such other and further documents, including, without limitation, confirmatory financing statements, continuation statements, certificates of title and the like, and to take all such action as may be necessary or appropriate, from time to time, in the reasonable opinion of Lessor, to perfect, confirm, establish, reestablish, continue, or complete the interests of Lessor in this Agreement and the Property Schedules, to consummate the transactions contemplated hereby and thereby, and to carry out the purposes and intentions of this Agreement and the Property Schedules.

14.04 Binding Effect. This Agreement shall inure to the benefit of and shall be binding upon Lessor and Lessee and their respective successors and assigns.

14.05 Severability. In the event any provision of this Agreement shall be held invalid or unenforceable by any court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provision hereof.

14.06 Waiver of Jury Trials. Lessee and Lessor hereby irrevocably waive all right to trial by jury in any action, proceeding or counterclaim (whether based on contract, tort or otherwise) arising out of or relating to this Agreement or the actions of Lessor or Lessee in the negotiation, administration, performance or enforcement hereof.

14.07 Amendments, Changes and Modifications. This Agreement may be amended in writing by Lessor and Lessee to the extent the amendment or modification does not apply to outstanding Property Schedules at the time of such amendment or modification. The consent of all assignees shall be required to any amendment or modification before such amendment or modification shall be applicable to any outstanding Property Schedule.

14.08 Execution in Counterparts. This Agreement and the Property Schedules hereunder may be simultaneously executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

14.09 Applicable Law. This Agreement shall be governed by and construed in accordance with the laws of the State.

14.10 Captions. The captions or headings in this Agreement are for convenience only and in no way define, limit or describe the scope or intent of any provisions or sections of this Agreement.

IN WITNESS WHEREOF, Lessor and Lessee have caused this Agreement to be executed in their names by their duly authorized representatives as of the date first above written.

Lessor: U.S. Bancorp Government Leasing and Finance, Inc.
By:
Name:
Title:

Lessee: <<Lessee>>
By:
Name:
Title:

Attest:
By:
Name:
Title:

Property Schedule No. <<Schedule#>>

Master Tax-Exempt Lease/Purchase Agreement

This **Property Schedule No. <<Schedule#>>** is entered into as of the Commencement Date set forth below, pursuant to that certain Master Tax-Exempt Lease/Purchase Agreement (the "Master Agreement"), dated as of <<MasterLeaseDate>>, between U.S. Bancorp Government Leasing and Finance, Inc., and <<Lessee>>.

- Interpretation.** The terms and conditions of the Master Agreement are incorporated herein by reference as if fully set forth herein. Reference is made to the Master Agreement for all representations, covenants and warranties made by Lessee in the execution of this Property Schedule, unless specifically set forth herein. In the event of a conflict between the provisions of the Master Agreement and the provisions of this Property Schedule, the provisions of this Property Schedule shall control. All capitalized terms not otherwise defined herein shall have the meanings provided in the Master Agreement.
- Commencement Date.** The Commencement Date for this Property Schedule is <<StartDate>>.
- Property Description and Payment Schedule.** The Property subject to this Property Schedule is described in Exhibit 1 hereto. Lessee shall not remove such property from the locations set forth therein without giving prior written notice to Lessor. The Lease Payment Schedule for this Property Schedule is set forth in Exhibit 1.
- Opinion.** The Opinion of Lessee's Counsel is attached as Exhibit 2.
- Lessee's Certificate.** The Lessee's Certificate is attached as Exhibit 3.
- Proceeds.** Exhibit 4 is intentionally omitted.
- Acceptance Certificate.** Exhibit 5 is intentionally omitted.
- Additional Purchase Option Provisions.** In addition to the Purchase Option provisions set forth in the Master Agreement, Lease Payments payable under this Property Schedule shall be subject to prepayment in whole at any time by payment of the applicable Termination Amount set forth in Exhibit 1 (Payment Schedule) and payment of all accrued and unpaid interest through the date of prepayment.
- Private Activity Issue.** Lessee understands that among other things, in order to maintain the exclusion of the interest component of Lease Payments from gross income for federal income tax purposes, it must limit and restrict the rights private businesses (including, for this purpose, the federal government and its agencies and organizations described in the Code § 501(c)(3)) have to use the Property. Each of these requirements will be applied beginning on the later of the Commencement Date or date each portion of the Property is placed in service and will continue to apply until earlier of the end of the economic useful life of the property or the date the Agreement or any tax-exempt obligation issued to refund the Property Schedule is retired (the "Measurement Period"). Lessee will comply with the requirements of Section 141 of the Code and the regulations thereunder which provide restrictions on special legal rights that users other than Lessee or a state or local government or an agency or instrumentality of a state or a local government (an "Eligible User") may have to use the Property. For this purpose, special legal rights may arise from a management or service agreement, lease, research agreement or other arrangement providing any entity except an Eligible User the right to use the Property. Any use of the Property by a user other than an Eligible User is referred to herein as "Non-Qualified Use". Throughout the Measurement Period, all of the Property is expected to be owned by Lessee. Throughout the Measurement Period, Lessee will not permit the Non-Qualified Use of the Property to exceed 10%.
- Bank Qualification and Arbitrage Rebate.** Attached as Exhibit 6.
- Expiration.** Lessor, at its sole determination, may choose not to accept this Property Schedule if the fully executed, original Master Agreement (including this Property Schedule and all ancillary documents) is not received by Lessor at its place of business by <<ExpirationDate>>.

IN WITNESS WHEREOF, Lessor and Lessee have caused this Property Schedule to be executed in their names by their duly authorized representatives as of the Commencement Date above.

Lessor: U.S. Bancorp Government Leasing and Finance, Inc.
By:
Name:
Title:

Lessee: <<Lessee>>
By:
Name:
Title:

Attest:
By
Name:
Title:

EXHIBIT 1

Property Description and Payment Schedule

Re: **Property Schedule No. <<Schedule#>>** to Master Tax-Exempt Lease/Purchase Agreement between U.S. Bancorp Government Leasing and Finance, Inc. and <<Lessee>>.

THE PROPERTY IS AS FOLLOWS: The Property as more fully described in Exhibit A incorporated herein by reference and attached hereto. It includes all replacements, parts, repairs, additions, accessions and accessories incorporated therein or affixed or attached thereto and any and all proceeds of the foregoing, including, without limitation, insurance recoveries.

PROPERTY LOCATION:

Address

City, State Zip Code

USE: <<Brief Equipment Description>> - This use is essential to the proper, efficient and economic functioning of Lessee or to the services that Lessee provides; and Lessee has immediate need for and expects to make immediate use of substantially all of the Property, which need is not temporary or expected to diminish in the foreseeable future.

Lease Payment Schedule

Total Principal Amount: \$<<Amount>>

Payment No.	Due Date	Lease Payment	Principal Portion	Interest Portion	Termination Amount (After Making Payment for said Due Date)
-------------	----------	---------------	-------------------	------------------	--

Interest Rate: <<InterestRate>>

Lessee: <<Lessee>>

By:

Name:

Title:

EXHIBIT A

Property Description

SAMPLE

EXHIBIT 2

Lessee's Counsel's Opinion

[To be provided on letterhead of Lessee's counsel.]

<<StartDate>>

U.S. Bancorp Government Leasing and Finance, Inc.
13010 SW 68th Parkway, Suite 100
Portland, OR 97223

<<Lessee>>

<<LesseeAddress1>>

<<LesseeAddress2>>

<<LesseeCity>>, <<LesseeState>> <<LesseeZip>>

Attention: <<LesseeContact>>

RE: Property Schedule No. <<Schedule#>> to Master Tax-Exempt Lease/Purchase Agreement between U.S. Bancorp Government Leasing and Finance, Inc. and <<Lessee>>.

Ladies and Gentlemen:

We have acted as special counsel to <<Lessee>> ("Lessee"), in connection with the Master Tax-Exempt Lease/Purchase Agreement, dated as of <<MasterLeaseDate>> (the "Master Agreement"), between <<Lessee>>, as lessee, and U.S. Bancorp Government Leasing and Finance, Inc. as lessor ("Lessor"), and the execution of Property Schedule No. <<Schedule#>> (the "Property Schedule") pursuant to the Master Agreement. We have examined the law and such certified proceedings and other papers as we deem necessary to render this opinion.

All capitalized terms not otherwise defined herein shall have the meanings provided in the Master Agreement and Property Schedule.

As to questions of fact material to our opinion, we have relied upon the representations of Lessee in the Master Agreement and the Property Schedule and in the certified proceedings and other certifications of public officials furnished to us without undertaking to verify the same by independent investigation.

Based upon the foregoing, we are of the opinion that, under existing law:

1. Lessee is a public body corporate and politic, duly organized and existing under the laws of the State, and has a substantial amount of one or more of the following sovereign powers: (a) the power to tax, (b) the power of eminent domain, and (c) the police power.

2. Lessee has all requisite power and authority to enter into the Master Agreement and the Property Schedule and to perform its obligations thereunder.

3. The execution, delivery and performance of the Master Agreement and the Property Schedule by Lessee has been duly authorized by all necessary action on the part of Lessee.

4. All proceedings of Lessee and its governing body relating to the authorization and approval of the Master Agreement and the Property Schedule, the execution thereof and the transactions contemplated thereby have been conducted in accordance with all applicable open meeting laws and all other applicable state and federal laws.

5. Lessee has acquired or has arranged for the acquisition of the Property subject to the Property Schedule, and has entered into the Master Agreement and the Property Schedule, in compliance with all applicable public bidding laws.

6. Lessee has obtained all consents and approvals of other governmental authorities or agencies which may be required for the execution, delivery and performance by Lessee of the Master Agreement and the Property Schedule.

7. The Master Agreement and the Property Schedule have been duly executed and delivered by Lessee and constitute legal, valid and binding obligations of Lessee, enforceable against Lessee in accordance with the terms thereof, except insofar as the enforcement thereof may be limited by any applicable bankruptcy, insolvency, moratorium, reorganization or other laws of equitable principles of general application, or of application to municipalities or political subdivisions such as the Lessee, affecting remedies or creditors' rights generally, and to the exercise of judicial discretion in appropriate cases.

8. As of the date hereof, based on such inquiry and investigation as we have deemed sufficient, no litigation is pending, (or, to our knowledge, threatened) against Lessee in any court (a) seeking to restrain or enjoin the delivery of the Master Agreement or the Property Schedule or of other agreements similar to the Master Agreement; (b) questioning the authority of Lessee to execute the Master Agreement or the Property Schedule, or the validity of the Master Agreement or the Property Schedule, or the payment of principal of or interest on, the Property Schedule; (c) questioning the constitutionality of any statute, or the validity of any proceedings, authorizing the execution of the Master Agreement and the Property Schedule; or (d) affecting the provisions made for the payment of or security for the Master Agreement and the Property Schedule.

This opinion may be relied upon by Lessor, its successors and assigns, and any other legal counsel who provides an opinion with respect to the Property Schedule.

Very truly yours,

By: _____

Name: _____

Title: _____

Dated: _____

EXHIBIT 3

Lessee's General and Incumbency Certificate

GENERAL CERTIFICATE

Re: **Property Schedule No. <<Schedule#>>** dated as of <<StartDate>> to the Master Tax-Exempt Lease/Purchase Agreement dated <<MasterLeaseDate>> between U.S. Bancorp Government Leasing and Finance, Inc. and <<Lessee>>.

The undersigned, being the duly elected, qualified and acting _____
(Title of Person to Execute Lease/Purchase Agreement)
of the <<Lessee>> ("Lessee") does hereby certify, as of <<StartDate>>, as follows:

1. Lessee did, at a meeting of the governing body of the Lessee, by resolution or ordinance duly enacted, in accordance with all requirements of law, approve and authorize the execution and delivery of the above-referenced Property Schedule (the "Property Schedule") and the Master Tax-Exempt Lease/Purchase Agreement (the "Master Agreement") by the undersigned.

2. The meeting(s) of the governing body of the Lessee at which the Master Agreement and the Property Schedule were approved and authorized to be executed was duly called, regularly convened and attended throughout by the requisite quorum of the members thereof, and the enactment approving the Master Agreement and the Property Schedule and authorizing the execution thereof has not been altered or rescinded. All meetings of the governing body of Lessee relating to the authorization and delivery of Master Agreement and the Property Schedule have been: (a) held within the geographic boundaries of the Lessee; (b) open to the public, allowing all people to attend; (c) conducted in accordance with internal procedures of the governing body; and (d) conducted in accordance with the charter of the Lessee, if any, and the laws of the State.

3. No event or condition that constitutes, or with the giving of notice or the lapse of time or both would constitute, an Event of Default or a Nonappropriation Event (as such terms are defined in the Master Agreement) exists at the date hereof with respect to this Property Schedule or any other Property Schedules under the Master Agreement.

4. The acquisition of all of the Property under the Property Schedule has been duly authorized by the governing body of Lessee.

5. Lessee has, in accordance with the requirements of law, fully budgeted and appropriated sufficient funds for the current budget year to make the Lease Payments scheduled to come due during the current budget year under the Property Schedule and to meet its other obligations for the current budget year and such funds have not been expended for other purposes.

6. As of the date hereof, no litigation is pending, (or, to my knowledge, threatened) against Lessee in any court (a) seeking to restrain or enjoin the delivery of the Master Agreement or the Property Schedule or of other agreements similar to the Master Agreement; (b) questioning the authority of Lessee to execute the Master Agreement or the Property Schedule, or the validity of the Master Agreement or the Property Schedule, or the payment of principal or of interest on, the Property Schedule; (c) questioning the constitutionality of any statute, or the validity of any proceedings, authorizing the execution of the Master Agreement and the Property Schedule; or (d) affecting the provisions made for the payment of or security for the Master Agreement and the Property Schedule.

IN WITNESS WHEREOF, the undersigned has executed this Certificate as of <<StartDate>>.

<<Lessee>>

By _____
Signature of Person to Execute Lease/Purchase Agreement

Print Name and Title of Person to Execute Lease/Purchase Agreement

INCUMBENCY CERTIFICATE

Re: **Property Schedule No. <<Schedule#>>** dated as of <<StartDate>> to the Master Tax-Exempt Lease/Purchase Agreement dated as of <<MasterLeaseDate>> between U.S. Bancorp Government Leasing and Finance, Inc. and <<Lessee>>.

The undersigned, being the duly elected, qualified and acting Secretary or Clerk of the <<Lessee>> ("Lessee") does hereby certify, as of <<StartDate>>, as follows:

As of the date of the meeting(s) of the governing body of the Lessee at which the above-referenced Master Agreement and the Property Schedule were approved and authorized to be executed, and as of the date hereof, the below-named representative of the Lessee held and holds the office set forth below, and the signature set forth below is his/her true and correct signature.

(Signature of Person to Execute Lease/Purchase Agreement)

(Print Name and Title)

IN WITNESS WHEREOF, the undersigned has executed this Certificate as of <<StartDate>>.

Secretary/Clerk

Print Name
and Title:

EXHIBIT 4

Payment of Proceeds Instructions

Intentionally Omitted.

SAMPLE

EXHIBIT 5

Acceptance Certificate

Intentionally Omitted.

SAMPLE

EXHIBIT 6

Bank Qualification And Arbitrage Rebate

U.S. Bancorp Government Leasing and Finance, Inc.
13010 SW 68th Parkway, Suite 100
Portland, OR 97223

Re: **Property Schedule No. <<Schedule#>>** to Master Tax-Exempt Lease/Purchase Agreement between U.S. Bancorp Government Leasing and Finance, Inc. and <<Lessee>>

PLEASE CHECK EITHER:

Bank Qualified Tax-Exempt Obligation under Section 265

_____ Lessee hereby designates this Property Schedule as a "qualified tax-exempt obligation" as defined in Section 265(b)(3)(B) of the Code. Lessee reasonably anticipates issuing tax-exempt obligations (excluding private activity bonds other than qualified 501(c)(3) bonds and including all tax-exempt obligations of subordinate entities of the Lessee) during the calendar year in which the Commencement Date of this Property Schedule falls, in an amount not exceeding \$10,000,000.

or

_____ Not applicable.

Arbitrage Rebate

Eighteen Month Exception:

Pursuant to Treasury Regulations Section 1.148-7(d), the gross proceeds of this Property Schedule will be expended for the governmental purposes for which this Property Schedule was entered into, as follows: at least 15% within six months after the Commencement Date, at least 60% within 12 months after the Commencement Date, and 100% within 18 months after the Commencement Date. If Lessee is unable to comply with Section 1.148-7(d) of the Treasury Regulations, Lessee shall compute rebatable arbitrage on this Agreement and pay rebatable arbitrage to the United States at least once every five years, and within 60 days after payment of the final Lease Payment due under this Agreement.

Consult tax counsel if there is any chance that the Eighteen Month Exception will not be met.

Lessee: <<Lessee>>
By:
Name:
Title:

***Please be sure to select ONE option above.**

Language for UCC Financing Statements

Property Schedule No. <<Schedule#>>

SECURED PARTY: U.S. Bancorp Government Leasing and Finance, Inc.

DEBTOR: <<Lessee>>

This financing statement covers all of Debtor's right, title and interest, whether now owned or hereafter acquired, in and to the equipment leased to Debtor under Property Schedule No. <<Schedule#>> dated <<StartDate>> to that certain Master Tax-Exempt Lease Purchase Agreement dated as of <<MasterLeaseDate>>, in each case between Debtor, as Lessee, and Secured Party, as Lessor, together with all accessions, substitutions and replacements thereto and therefore, and proceeds (cash and non-cash), including, without limitation, insurance proceeds, thereof, including without limiting, all equipment described on Exhibit A attached hereto and made a part hereof.

Debtor has no right to dispose of the equipment.

INSURANCE AUTHORIZATION AND VERIFICATION

Date: <<StartDate>>

Property Schedule No: <<Schedule#>>

To: <<Lessee>> (the "Lessee")

From: U.S. Bancorp Government Leasing and Finance, Inc. (the
"Lessor")
1310 Madrid St.
Marshall, MN 56258

TO THE LESSEE: In connection with the above-referenced Property Schedule, Lessor requires proof in the form of this document, executed by both Lessee* and Lessee's agent, that Lessee's insurable interest in the financed property (the "Property") meets Lessor's requirements as follows, with coverage including, but not limited to, fire, extended coverage, vandalism, and theft:

Lessor, AND ITS SUCCESSORS AND ASSIGNS, shall be covered as both ADDITIONAL INSURED and LENDER'S LOSS PAYEE with regard to all equipment financed or leased by policy holder through or from Lessor. All such insurance shall contain a provision to the effect that such insurance shall not be canceled or modified without first giving written notice thereof to Lessor and Lessee at least thirty (30) days in advance of such cancellation or modification.

Lessee must carry GENERAL LIABILITY (and/or, for vehicles, Automobile Liability) in the amount of no less than \$1,000,000.00 (one million dollars).

Lessee must carry PROPERTY Insurance (or, for vehicles, Physical Damage Insurance) in an amount no less than the 'Insurable Value' \$<<Amount>>, with deductibles no more than \$10,000.00.

**Lessee: Please execute this form and return with your document package. Lessor will fax this form to your insurance agency for endorsement. In lieu of agent endorsement, Lessee's agency may submit insurance certificates demonstrating compliance with all requirements. Should you have any questions, please contact <<DocumentationSpecialist>> at <<DocumentationSpecialistPhone>>.*

By signing, Lessee authorizes the Agent named below: 1) to complete and return this form as indicated; and 2) to endorse the policy and subsequent renewals to reflect the required coverage as outlined above.

Agency/Agent:		
Address:		
Phone/Fax:		
Email:		

Lessee: <<Lessee>>
By:
Name:
Title:

TO THE AGENT: In lieu of providing a certificate, please execute this form in the space below and promptly fax it to Lessor at <<DocumentationSpecialistFax>>. This fully endorsed form shall serve as proof that Lessee's insurance meets the above requirements.

Agent hereby verifies that the above requirements have been met in regard to the Property listed below.

Print Name of Agency: X _____

By: X _____
(Agent's Signature)

Print Name: X _____

Date: X _____

Insurable Value: \$<<Amount>>

ATTACHED: PROPERTY DESCRIPTION FOR PROPERTY SCHEDULE NO.: <<Schedule#>>

Notification of Tax Treatment to Tax-Exempt Lease/Purchase Agreement

This **Notification of Tax Treatment** is pursuant to the Master Tax-Exempt Lease/Purchase Agreement dated as of <<MasterLeaseDate>> and the related Property Schedule No. <<Schedule#>> dated <<StartDate>>, between Lessor and Lessee (the "Agreement").

- _____ Lessee agrees that this Property Schedule SHOULD be subject to sales/use taxes
- _____ Lessee agrees that this Property Schedule should NOT be subject to sales/use taxes and Lessee has included our tax-exemption certificate with this document package
- _____ Lessee agrees that this Property Schedule should NOT be subject to sales/use taxes and no tax-exemption certificate is issued to us by the State
- _____ Lessee agrees that this Property Schedule is a taxable transaction and subject to any/all taxes
- _____ Lessee agrees that this Property Schedule is subject to sales/use taxes and will pay those taxes directly to the State or Vendor

IN WITNESS WHEREOF, Lessee has caused this Notification of Tax Treatment to be executed by their duly authorized representative.

Lessee: <<Lessee>>

By:

Name:

Title:

Information Return for Tax-Exempt Governmental Obligations

► Under Internal Revenue Code section 149(e)
► See separate instructions.
Caution: If the issue price is under \$100,000, use Form 8038-GC.

OMB No. 1545-0720

Part I Reporting Authority		If Amended Return, check here <input type="checkbox"/>	
1 Issuer's name		2 Issuer's employer identification number (EIN)	
3a Name of person (other than issuer) with whom the IRS may communicate about this return (see instructions)		3b Telephone number of other person shown on 3a	
4 Number and street (or P.O. box if mail is not delivered to street address)	Room/suite	5 Report number (For IRS Use Only)	
6 City, town, or post office, state, and ZIP code		7 Date of issue	
8 Name of issue		9 CUSIP number	
10a Name and title of officer or other employee of the issuer whom the IRS may call for more information (see instructions)		10b Telephone number of officer or other employee shown on 10a	

Part II Type of Issue (enter the issue price). See the instructions and attach schedule.			
11 Education		11	
12 Health and hospital		12	
13 Transportation		13	
14 Public safety		14	
15 Environment (including sewage bonds)		15	
16 Housing		16	
17 Utilities		17	
18 Other. Describe ►		18	
19 If obligations are TANs or RANs, check only box 19a	► <input type="checkbox"/>		
If obligations are BANs, check only box 19b	► <input type="checkbox"/>		
20 If obligations are in the form of a lease or installment sale, check box	► <input type="checkbox"/>		

Part III Description of Obligations. Complete for the entire issue for which this form is being filed.					
	(a) Final maturity date	(b) Issue price	(c) Stated redemption price at maturity	(d) Weighted average maturity	(e) Yield
21		\$	\$	years	%

Part IV Uses of Proceeds of Bond Issue (including underwriters' discount)				
22	Proceeds used for accrued interest		22	
23	Issue price of entire issue (enter amount from line 21, column (b))		23	
24	Proceeds used for bond issuance costs (including underwriters' discount)	24		
25	Proceeds used for credit enhancement	25		
26	Proceeds allocated to reasonably required reserve or replacement fund	26		
27	Proceeds used to currently refund prior issues	27		
28	Proceeds used to advance refund prior issues	28		
29	Total (add lines 24 through 28)		29	
30	Nonrefunding proceeds of the issue (subtract line 29 from line 23 and enter amount here)		30	

Part V Description of Refunded Bonds. Complete this part only for refunding bonds.			
31	Enter the remaining weighted average maturity of the bonds to be currently refunded	►	years
32	Enter the remaining weighted average maturity of the bonds to be advance refunded	►	years
33	Enter the last date on which the refunded bonds will be called (MM/DD/YYYY)	►	
34	Enter the date(s) the refunded bonds were issued ► (MM/DD/YYYY)		

Part VI Miscellaneous

- | | | |
|------------|--|--|
| 35 | | |
| 36a | | |
| 37 | | |
- 35** Enter the amount of the state volume cap allocated to the issue under section 141(b)(5)
- 36a** Enter the amount of gross proceeds invested or to be invested in a guaranteed investment contract (GIC) (see instructions)
- b** Enter the final maturity date of the GIC ▶ _____
- c** Enter the name of the GIC provider ▶ _____
- 37** Pooled financings: Enter the amount of the proceeds of this issue that are to be used to make loans to other governmental units
- 38a** If this issue is a loan made from the proceeds of another tax-exempt issue, check box ☐ and enter the following information:
- b** Enter the date of the master pool obligation ▶ _____
- c** Enter the EIN of the issuer of the master pool obligation ▶ _____
- d** Enter the name of the issuer of the master pool obligation ▶ _____
- 39** If the issuer has designated the issue under section 265(b)(3)(B)(i)(III) (small issuer exception), check box ☐
- 40** If the issuer has elected to pay a penalty in lieu of arbitrage rebate, check box ☐
- 41a** If the issuer has identified a hedge, check here ☐ and enter the following information:
- b** Name of hedge provider ▶ _____
- c** Type of hedge ▶ _____
- d** Term of hedge ▶ _____
- 42** If the issuer has superintegrated the hedge, check box ☐
- 43** If the issuer has established written procedures to ensure that all nonqualified bonds of this issue are remediated according to the requirements under the Code and Regulations (see instructions), check box ☐
- 44** If the issuer has established written procedures to monitor the requirements of section 148, check box ☐
- 45a** If some portion of the proceeds was used to reimburse expenditures, check here ☐ and enter the amount of reimbursement ▶ _____
- b** Enter the date the official intent was adopted ▶ _____

Signature and Consent

Under penalties of perjury, I declare that I have examined this return and accompanying schedules and statements, and to the best of my knowledge and belief, they are true, correct, and complete. I further declare that I consent to the IRS's disclosure of the issuer's return information, as necessary to process this return, to the person that I have authorized above.

▶ _____ Date _____ ▶ _____
 Signature of issuer's authorized representative Type or print name and title

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
Firm's name ▶ _____			Firm's EIN ▶ _____	
Firm's address ▶ _____			Phone no. _____	

Instructions for Form 8038-G

(Rev. September 2011)

Information Return for Tax-Exempt Governmental Obligations



Department of the Treasury
Internal Revenue Service

Section references are to the Internal Revenue Code unless otherwise noted.

General Instructions

Purpose of Form

Form 8038-G is used by issuers of tax-exempt governmental obligations to provide the IRS with the information required by section 149(e) and to monitor the requirements of sections 141 through 150.

Who Must File

IF the issue price (line 21, column (b)) is...	THEN, for tax-exempt governmental obligations issued after December 31, 1986, issuers must file...
\$100,000 or more	A separate Form 8038-G for each issue
Less than \$100,000	Form 8038-GC, Information Return for Small Tax-Exempt Governmental Bond Issues, Leases, and Installment Sales



CAUTION For all build America bonds and recovery zone economic development bonds use Form 8038-B, Information Return for Build America Bonds and Recovery Zone Economic Development Bonds. For tax credit bonds and specified tax credit bonds use Form 8038-TC, Information Return for Tax Credit Bonds and Specified Tax Credit Bonds.

When To File

File Form 8038-G on or before the 15th day of the 2nd calendar month after the close of the calendar quarter in which the bond is issued. Form 8038-G may not be filed before the issue date and must be completed based on the facts as of the issue date.

Late filing. An issuer may be granted an extension of time to file Form 8038-G under Section 3 of Rev. Proc. 2002-48, 2002-37 I.R.B. 531, if it is determined that the failure to file timely is not due to willful neglect. Type or print at the top of the form "Request for Relief under section 3 of Rev. Proc. 2002-48" and attach a letter explaining why Form 8038-G was not submitted to the IRS on time. Also indicate whether the bond issue in question is under examination by the IRS. Do not submit copies of the trust

indenture or other bond documents. See *Where To File* next.

Where To File

File Form 8038-G, and any attachments, with the Department of the Treasury, Internal Revenue Service Center, Ogden, UT 84201.

Private delivery services. You can use certain private delivery services designated by the IRS to meet the "timely mailing as timely filing/paying" rule for tax returns and payments. These private delivery services include only the following:

- DHL Express (DHL): DHL Same Day Service.
- Federal Express (FedEx): FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day, FedEx International Priority, and FedEx International First.
- United Parcel Service (UPS): UPS Next Day Air, UPS Next Day Air Saver, UPS 2nd Day Air, UPS 2nd Day Air A.M., UPS Worldwide Express Plus, and UPS Worldwide Express.

The private delivery service can tell you how to get written proof of the mailing date.

Other Forms That May Be Required

For rebating arbitrage (or paying a penalty in lieu of arbitrage rebate) to the Federal government, use Form 8038-T, Arbitrage Rebate, Yield Reduction and Penalty in Lieu of Arbitrage Rebate.

For private activity bonds, use Form 8038, Information Return for Tax-Exempt Private Activity Bond Issues.

For build America bonds (Direct Pay), build America bonds (Tax Credit), and recovery zone economic development bonds, complete Form 8038-B, Information Return for Build America Bonds and Recovery Zone Economic Development Bonds.

For qualified forestry conservation bonds, new clean renewable energy bonds, qualified energy conservation bonds, qualified zone academy bonds, qualified school construction bonds, clean renewable energy bonds, Midwestern tax credit bonds, and all other qualified tax credit bonds (except build America bonds), file Form 8038-TC, Information Return for Tax Credit Bonds and Specified Tax Credit Bonds.

Rounding to Whole Dollars

You may show amounts on this return as whole dollars. To do so, drop amounts less than 50 cents and increase amounts from 50 cents through 99 cents to the next higher dollar.

Questions on Filing Form 8038-G

For specific questions on how to file Form 8038-G send an email to the IRS at TaxExemptBondQuestions@irs.gov and put "Form 8038-G Question" in the subject line. In the email include a description of your question, a return email address, the name of a contact person, and a telephone number.

Definitions

Tax-exempt obligation. This is any obligation, including a bond, installment purchase agreement, or financial lease, on which the interest is excluded from income under section 103.

Tax-exempt governmental obligation. A tax-exempt obligation that is not a private activity bond (see below) is a tax-exempt governmental obligation. This includes a bond issued by a qualified volunteer fire department under section 150(e).

Private activity bond. This includes an obligation issued as part of an issue in which:

- More than 10% of the proceeds are to be used for any private activity business use, **and**
- More than 10% of the payment of principal or interest of the issue is **either (a)** secured by an interest in property to be used for a private business use (or payments for such property) **or (b)** to be derived from payments for property (or borrowed money) used for a private business use.

It also includes a bond, the proceeds of which **(a)** are to be used directly or indirectly to make or finance loans (other than loans described in section 141(c)(2)) to persons other than governmental units and **(b)** exceeds the lesser of 5% of the proceeds **or** \$5 million.

Issue price. The issue price of obligations is generally determined under Regulations section 1.148-1(b). Thus, when issued for cash, the issue price is the first price at which a substantial amount of the obligations are sold to the public. To determine the issue price of an obligation issued for property, see sections 1273 and 1274 and the related regulations.

Issue. Generally, obligations are treated as part of the same issue if they are issued by the same issuer, on the same date, and in a single transaction, or a series of related transactions. However, obligations issued during the same calendar year **(a)** under a loan agreement under which amounts are to be advanced periodically (a “draw-down loan”) or **(b)** with a term not exceeding 270 days, may be treated as part of the same issue if the obligations are equally and ratably secured under a single indenture or loan agreement and are issued under a common financing arrangement (for example, under the same official statement periodically updated to reflect changing factual circumstances). Also, for obligations issued under a draw-down loan that meet the requirements of the preceding sentence, obligations issued during different calendar years may be treated as part of the same issue if all of the amounts to be advanced under the draw-down loan are reasonably expected to be advanced within 3 years of the date of issue of the first obligation. Likewise, obligations (other than private activity bonds) issued under a single agreement that is in the form of a lease or installment sale may be treated as part of the same issue if all of the property covered by that agreement is reasonably expected to be delivered within 3 years of the date of issue of the first obligation.

Arbitrage rebate. Generally, interest on a state or local bond is not tax-exempt unless the issuer of the bond rebates to the United States arbitrage profits earned from investing proceeds of the bond in higher yielding nonpurpose investments. See section 148(f).

Construction issue. This is an issue of tax-exempt bonds that meets both of the following conditions:

1. At least 75% of the available construction proceeds are to be used for construction expenditures with respect to property to be owned by a governmental unit or a section 501(c)(3) organization, **and**
2. All the bonds that are part of the issue are qualified 501(c)(3) bonds, bonds that are not private activity bonds, or private activity bonds issued to finance property to be owned by a governmental unit or a section 501(c)(3) organization.

In lieu of rebating any arbitrage that may be owed to the United States, the issuer of a construction issue may make an irrevocable election to pay a penalty. The penalty is equal to 1½% of the amount of construction proceeds that do not meet certain spending requirements. See section 148(f)(4)(C) and the Instructions for Form 8038-T.

Specific Instructions

Part I—Reporting Authority

Amended return. An issuer may file an amended return to change or add to the information reported on a previously filed

return for the same date of issue. If you are filing to correct errors or change a previously filed return, check the *Amended Return* box in the heading of the form.

The amended return must provide all the information reported on the original return, in addition to the new or corrected information. Attach an explanation of the reason for the amended return and write across the top, “Amended Return Explanation.” Failure to attach an explanation may result in a delay in processing the form.

Line 1. The issuer’s name is the name of the entity issuing the obligations, not the name of the entity receiving the benefit of the financing. For a lease or installment sale, the issuer is the lessee or the purchaser.

Line 2. An issuer that does not have an employer identification number (EIN) should apply for one on Form SS-4, Application for Employer Identification Number. You can get this form on the IRS website at IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676). You may receive an EIN by telephone by following the instructions for Form SS-4.

Line 3a. If the issuer wishes to authorize a person other than an officer or other employee of the issuer (including a legal representative or paid preparer) to communicate with the IRS and whom the IRS may contact about this return (including in writing or by telephone), enter the name of such person here. The person listed in line 3a must be an individual. Do not enter the name and title of an officer or other employee of the issuer here (use line 10a for that purpose).

Note. By authorizing a person other than an authorized officer or other employee of the issuer to communicate with the IRS and whom the IRS may contact about this return, the issuer authorizes the IRS to communicate directly with the individual entered on line 3a and consents to disclose the issuer’s return information to that individual, as necessary, to process this return.

Lines 4 and 6. If you listed an individual on line 3a to communicate with the IRS and whom the IRS may contact about this return, enter the number and street (or P.O. box if mail is not delivered to street address), city, town, or post office, state, and ZIP code of that person. Otherwise, enter the issuer’s number and street (or P.O. box if mail is not delivered to street address), city, town, or post office, state, and ZIP code.

Note. The address entered on lines 4 and 6 is the address the IRS will use for all written communications regarding the processing of this return, including any notices.

Line 5. This line is for IRS use only. Do not make any entries in this box.

Line 7. The date of issue is generally the date on which the issuer physically

exchanges the bonds that are part of the issue for the underwriter’s (or other purchaser’s) funds. For a lease or installment sale, enter the date interest starts to accrue in a MM/DD/YYYY format.

Line 8. If there is no name of the issue, please provide other identification of the issue.

Line 9. Enter the CUSIP (Committee on Uniform Securities Identification Procedures) number of the bond with the latest maturity. If the issue does not have a CUSIP number, write “None.”

Line 10a. Enter the name and title of the officer or other employee of the issuer whom the IRS may call for more information. If the issuer wishes to designate a person other than an officer or other employee of the issuer (including a legal representative or paid preparer) whom the IRS may call for more information about the return, enter the name, title, and telephone number of such person on lines 3a and 3b.



Complete lines 10a and 10b even if you complete lines 3a and 3b.

Part II—Type of Issue



Elections referred to in Part II are made on the original bond documents, not on this form.

Identify the type of obligations issued by entering the corresponding issue price (see *Issue price* under *Definitions* earlier). Attach a schedule listing names and EINs of organizations that are to use proceeds of these obligations, if different from those of the issuer, include a brief summary of the use and indicate whether or not such user is a governmental or nongovernmental entity.

Line 18. Enter a description of the issue in the space provided.

Line 19. If the obligations are short-term tax anticipation notes or warrants (TANs) or short-term revenue anticipation notes or warrants (RANs), check box 19a. If the obligations are short-term bond anticipation notes (BANs), issued with the expectation that they will be refunded with the proceeds of long-term bonds at some future date, check box 19b. Do not check both boxes.

Line 20. Check this box if property other than cash is exchanged for the obligation, for example, acquiring a police car, a fire truck, or telephone equipment through a series of monthly payments. (This type of obligation is sometimes referred to as a “municipal lease.”) Also check this box if real property is directly acquired in exchange for an obligation to make periodic payments of interest and principal. **Do not** check this box if the proceeds of the obligation are received in the form of cash, even if the term “lease” is used in the title of the issue.

Part III—Description of Obligations

Line 21. For column (a), the final maturity date is the last date the issuer must redeem the entire issue.

For column (b), see *Issue price* under *Definitions* earlier.

For column (c), the stated redemption price at maturity of the entire issue is the sum of the stated redemption prices at maturity of each bond issued as part of the issue. For a lease or installment sale, write "N/A" in column (c).

For column (d), the weighted average maturity is the sum of the products of the issue price of each maturity and the number of years to maturity (determined separately for each maturity and by taking into account mandatory redemptions), divided by the issue price of the entire issue (from line 21, column (b)). For a lease or installment sale, enter instead the total number of years the lease or installment sale will be outstanding.

For column (e), the yield, as defined in section 148(h), is the discount rate that, when used to compute the present value of all payments of principal and interest to be paid on the obligation, produces an amount equal to the purchase price, including accrued interest. See Regulations section 1.148-4 for specific rules to compute the yield on an issue. If the issue is a variable rate issue, write "VR" as the yield of the issue. For other than variable rate issues, carry the yield out to four decimal places (for example, 5.3125%). If the issue is a lease or installment sale, enter the effective rate of interest being paid.

Part IV—Uses of Proceeds of Bond Issue

For a lease or installment sale, write "N/A" in the space to the right of the title for Part IV.

Line 22. Enter the amount of proceeds that will be used to pay interest from the date the bonds are dated to the date of issue.

Line 24. Enter the amount of the proceeds that will be used to pay bond issuance costs, including fees for trustees and bond counsel. If no bond proceeds will be used to pay bond issuance costs, enter zero. Do not leave this line blank.

Line 25. Enter the amount of the proceeds that will be used to pay fees for credit enhancement that are taken into account in determining the yield on the issue for purposes of section 148(h) (for example, bond insurance premiums and certain fees for letters of credit).

Line 26. Enter the amount of proceeds that will be allocated to such a fund.

Line 27. Enter the amount of the proceeds that will be used to pay principal, interest, or call premium on any other issue of bonds within 90 days of the date of issue.

Line 28. Enter the amount of the proceeds that will be used to pay

principal, interest, or call premium on any other issue of bonds after 90 days of the date of issue, including proceeds that will be used to fund an escrow account for this purpose.

Part V—Description of Refunded Bonds

Complete this part only if the bonds are to be used to refund a prior issue of tax-exempt bonds. For a lease or installment sale, write "N/A" in the space to the right of the title for Part V.

Lines 31 and 32. The remaining weighted average maturity is determined without regard to the refunding. The weighted average maturity is determined in the same manner as on line 21, column (d).

Line 34. If more than a single issue of bonds will be refunded, enter the date of issue of each issue. Enter the date in an MM/DD/YYYY format.

Part VI—Miscellaneous

Line 35. An allocation of volume cap is required if the nonqualified amount for the issue is more than \$15 million but is not more than the amount that would cause the issue to be private activity bonds.

Line 36. If any portion of the gross proceeds of the issue is or will be invested in a guaranteed investment contract (GIC), as defined in Regulations section 1.148-1(b), enter the amount of the gross proceeds so invested, as well as the final maturity date of the GIC and the name of the provider of such contract.

Line 37. Enter the amount of the proceeds of this issue used to make a loan to another governmental unit, the interest of which is tax-exempt.

Line 38. If the issue is a loan of proceeds from another tax-exempt issue, check the box and enter the date of issue, EIN, and name of issuer of the master pool obligation.

Line 40. Check this box if the issue is a construction issue and an irrevocable election to pay a penalty in lieu of arbitrage rebate has been made on or before the date the bonds were issued. The penalty is payable with a Form 8038-T for each 6-month period after the date the bonds are issued. Do not make any payment of penalty in lieu of arbitrage rebate with this form. See Rev. Proc. 92-22, 1992-1 C.B. 736 for rules regarding the "election document."

Line 41a. Check this box if the issuer has identified a hedge on its books and records according to Regulations sections 1.148-4(h)(2)(viii) and 1.148-4(h)(5) that permit an issuer of tax-exempt bonds to identify a hedge for it to be included in yield calculations for computing arbitrage.

Line 42. In determining if the issuer has super-integrated a hedge, apply the rules of Regulations section 1.148-4(h)(4). If the hedge is super-integrated, check the box.

Line 43. If the issuer takes a "deliberate action" after the issue date that causes

the conditions of the private business tests or the private loan financing test to be met, then such issue is also an issue of private activity bonds. Regulations section 1.141-2(d)(3) defines a deliberate action as any action taken by the issuer that is within its control regardless of whether there is intent to violate such tests. Regulations section 1.141-12 explains the conditions to taking remedial action that prevent an action that causes an issue to meet the private business tests or private loan financing test from being treated as a deliberate action. Check the box if the issuer has established written procedures to ensure timely remedial action for all nonqualified bonds according to Regulations section 1.141-12 or other remedial actions authorized by the Commissioner under Regulations section 1.141-12(h).

Line 44. Check the box if the issuer has established written procedures to monitor compliance with the arbitrage, yield restriction, and rebate requirements of section 148.

Line 45a. Check the box if some part of the proceeds was used to reimburse expenditures. Figure and then enter the amount of proceeds that are used to reimburse the issuer for amounts paid for a qualified purpose prior to the issuance of the bonds. See Regulations section 1.150-2.

Line 45b. An issuer must adopt an official intent to reimburse itself for preissuance expenditures within 60 days after payment of the original expenditure unless excepted by Regulations section 1.150-2(f). Enter the date the official intent was adopted. See Regulations section 1.150-2(e) for more information about official intent.

Signature and Consent

An authorized representative of the issuer must sign Form 8038-G and any applicable certification. Also print the name and title of the person signing Form 8038-G. The authorized representative of the issuer signing this form must have the authority to consent to the disclosure of the issuer's return information, as necessary to process this return, to the person(s) that have been designated in Form 8038-G.

Note. If the issuer in Part 1, lines 3a and 3b authorizes the IRS to communicate (including in writing and by telephone) with a person other than an officer or other employee of the issuer, by signing this form, the issuer's authorized representative consents to the disclosure of the issuer's return information, as necessary to process this return, to such person.

Paid Preparer

If an authorized officer of the issuer filled in this return, the paid preparer's space should remain blank. Anyone who prepares the return but does not charge the organization should not sign the return. Certain others who prepare the

return should not sign. For example, a regular, full-time employee of the issuer, such as a clerk, secretary, etc., should not sign.

Generally, anyone who is paid to prepare a return must sign it and fill in the other blanks in the *Paid Preparer Use Only* area of the return.

The paid preparer must:

- Sign the return in the space provided for the preparer's signature (a facsimile signature is acceptable),
- Enter the preparer information, and
- Give a copy of the return to the issuer.

Paperwork Reduction Act Notice. We ask for the information on this form to carry out the Internal Revenue laws of the United States. You are required to give us

the information. We need it to ensure that you are complying with these laws.

You are not required to provide the information requested on a form that is subject to the Paperwork Reduction Act unless the form displays a valid OMB control number. Books or records relating to a form or its instructions must be retained as long as their contents may become material in the administration of any Internal Revenue law. Generally, tax returns and return information are confidential, as required by section 6103.

The time needed to complete and file this form varies depending on individual circumstances. The estimated average time is:

Learning about the law or the form	2 hr., 41 min.
Preparing, copying, assembling, and sending the form to the IRS	3 hr., 3 min.

If you have comments concerning the accuracy of these time estimates or suggestions for making this form simpler, we would be happy to hear from you. You can write to the Internal Revenue Service, Tax Products Coordinating Committee, SE:W:CAR:MP:T:M:S, 1111 Constitution Ave. NW, IR-6526, Washington, DC 20224. **Do not** send the form to this office. Instead, see *Where To File*.

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type
See Specific Instructions on page 2.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
5 Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
6 City, state, and ZIP code	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number									
				-				-	
or									
Employer identification number									
				-					

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶	Date ▶
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the Part II instructions on page 3 for details),

3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code* on page 3 and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships* above.

What is FATCA reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code* on page 3 and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account, list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note. ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C Corporation, or S Corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2. "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box in line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box in line 3.

Limited Liability Company (LLC). If the name on line 1 is an LLC treated as a partnership for U.S. federal tax purposes, check the "Limited Liability Company" box and enter "P" in the space provided. If the LLC has filed Form 8832 or 2553 to be taxed as a corporation, check the "Limited Liability Company" box and in the space provided enter "C" for C corporation or "S" for S corporation. If it is a single-member LLC that is a disregarded entity, do not check the "Limited Liability Company" box; instead check the first box in line 3 "Individual/sole proprietor or single-member LLC."

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space in line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note. You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited Liability Company (LLC)* on this page), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.ssa.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code* earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
4. a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a legal or valid trust under state law	The grantor-trustee ¹ The actual owner ¹
5. Sole proprietorship or disregarded entity owned by an individual	The owner ³
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i) (A))	The grantor ³
For this type of account:	Give name and EIN of:
7. Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity ⁴
9. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
10. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i) (B))	The trust

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships* on page 2.

*Note. Grantor also must provide a Form W-9 to trustee of trust.

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Publication 4535, Identity Theft Prevention and Victim Assistance.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at: spam@uce.gov or contact them at www.ftc.gov/idtheft or 1-877-IDTHEFT (1-877-438-4338).

Visit IRS.gov to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

ESCROW AGREEMENT

THIS ESCROW AGREEMENT ("*Escrow Agreement*") is made as of <<StartDate>> by and among U.S. Bancorp Government Leasing and Finance, Inc. ("*Lessor*"), <<Lessee>> ("*Lessee*") and U.S. BANK NATIONAL ASSOCIATION, as escrow agent ("*Escrow Agent*").

Lessor and Lessee have heretofore entered into that certain Master Tax-Exempt Lease/Purchase Agreement dated as of <<MasterLeaseDate>> (the "*Master Agreement*") and a Property Schedule No. <<Schedule#>> thereto dated <<StartDate>> (the "*Schedule*" and, together with the terms and conditions of the Master Agreement incorporated therein, the "*Agreement*"). The Schedule contemplates that certain personal property described therein (the "*Equipment*") is to be acquired from the vendor(s) or manufacturer(s) thereof (the "*Vendor*"). After acceptance of the Equipment by Lessee, the Equipment is to be financed by Lessor to Lessee pursuant to the terms of the Agreement.

The Master Agreement further contemplates that Lessor will deposit an amount equal to the anticipated aggregate acquisition cost of the Equipment (the "*Purchase Price*"), being \$<<Amount>>, with Escrow Agent to be held in escrow and applied on the express terms set forth herein. Such deposit, together with all interest and other additions received with respect thereto (hereinafter the "*Escrow Fund*") is to be applied to pay the Vendor its invoice cost (a portion of which may, if required, be paid prior to final acceptance of the Equipment by Lessee); and, if applicable, to reimburse Lessee for progress payments already made by it to the Vendor of the Equipment.

The parties desire to set forth the terms on which the Escrow Fund is to be created and to establish the rights and responsibilities of the parties hereto.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) in hand paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Escrow Agent hereby agrees to serve as escrow agent upon the terms and conditions set forth herein. The moneys and investments held in the Escrow Fund are for the benefit of Lessee and Lessor, and such moneys, together with any income or interest earned thereon, shall be expended only as provided in this Escrow Agreement, and shall not be subject to levy or attachment or lien by or for the benefit of any creditor of either Lessee or Lessor. Lessor, Lessee and Escrow Agent intend that the Escrow Fund constitute an escrow account in which Lessee has no legal or equitable right, title or interest until satisfaction in full of all conditions contained herein for the disbursement of funds by the Escrow Agent therefrom. However, if the parties' intention that Lessee shall have no legal or equitable right, title or interest until all conditions for disbursement are satisfied in full is not respected in any legal proceeding, the parties hereto intend that Lessor have a security interest in the Escrow Fund, and such security interest is hereby granted by Lessee to secure payment of all sums due to Lessor under the Master Agreement. For such purpose, Escrow Agent hereby agrees to act as agent for Lessor in connection with the perfection of such security interest and agrees to note, or cause to be noted, on all books and records relating to the Escrow Fund, the Lessor's interest therein.

2. On such day as is determined to the mutual satisfaction of the parties (the "*Closing Date*"), Lessor shall deposit with Escrow Agent cash in the amount of the Purchase Price, to be held in escrow by Escrow Agent on the express terms and conditions set forth herein.

On the Closing Date, Escrow Agent agrees to accept the deposit of the Purchase Price by Lessor, and further agrees to hold the amount so deposited together with all interest and other additions received with respect thereto, as the Escrow Fund hereunder, in escrow on the express terms and conditions set forth herein.

3. Escrow Agent shall at all times segregate the Escrow Fund into an account maintained for that express purpose, which shall be clearly identified on the books and records of Escrow Agent as being held in its capacity as Escrow Agent. Securities and other negotiable instruments comprising the Escrow Fund from time to time shall be held or registered in the name of Escrow Agent (or its nominee). The Escrow Fund shall not, to the extent permitted by applicable law, be subject to levy or attachment or lien by or for the benefit of any creditor of any of the parties hereto (except with respect to the security interest therein held by Lessor).

4. The cash comprising the Escrow Fund from time to time shall be invested and reinvested by Escrow Agent in one or more investments as directed by Lessee. Absent written direction from Lessee, the cash will be invested in the U.S. Bank National Association Money Market Deposit Fund. See Exhibit 1 Investment Direction Letter. Lessee represents and warrants to Escrow Agent and Lessor that the investments selected by Lessee for investment of the Escrow Fund are permitted investments for Lessee under all applicable laws. Escrow Agent will use due diligence to collect amounts payable under a check or other instrument for the payment of money comprising the Escrow Fund and shall promptly notify Lessee and Lessor in the event of dishonor of payment under any such check or other instruments. Interest or other amounts earned and received by Escrow Agent with respect to the Escrow Fund shall be deposited in and comprise a part of the Escrow Fund. Escrow Agent shall maintain accounting records sufficient to permit calculation of the income on investments and interest earned on deposit of amounts held in the Escrow Fund. The parties acknowledge that to the extent regulations of the Comptroller of Currency or other applicable regulatory entity grant a right to receive brokerage confirmations of security transactions of the escrow, the parties waive receipt of such confirmations, to the extent permitted by law. The Escrow Agent shall furnish a statement of security transactions on its regular monthly reports. Attached as Exhibit 6 is the Class Action Negative Consent Letter to be reviewed by Lessee.

5. Upon request by Lessee and Lessor, Escrow Agent shall send monthly statements of account to Lessee and Lessor, which statements shall set forth all withdrawals from and interest earnings on the Escrow Fund as well as the investments in which the Escrow Fund is invested.

6. Escrow Agent shall take the following actions with respect to the Escrow Fund:

(a) Upon Escrow Agent's acceptance of the deposit of the Purchase Price, an amount equal to Escrow Agent's set-up fee, as set forth on Exhibit 2 hereto, shall be disbursed from the Escrow Fund to Escrow Agent in payment of such fee.

(b) Escrow Agent shall pay costs of the Equipment upon receipt of a duly executed Requisition Request (substantially in the format of Exhibit 3) signed by Lessor and Lessee. Lessor's authorized signatures are provided in Exhibit 5. Lessee's authorized signatures will be provided in Exhibit 3 of Master Lease Purchase Agreement. Escrow Agent will use best efforts to process requests for payment within one (1) business day of receipt of requisitions received prior to 2:00 p.m. Central Time. The final Requisition shall be accompanied by a duly executed Final Acceptance Certificate form attached as Exhibit 4 hereto.

(c) Upon receipt by Escrow Agent of written notice from Lessor that an Event of Default or an Event of Nonappropriation (if provided for under the Master Agreement) has occurred under the Agreement, all funds then on deposit in the Escrow Fund shall be paid to Lessor for application in accordance with the Master Agreement, and this Escrow Agreement shall terminate.

(d) Upon receipt by Escrow Agent of written notice from Lessor that the purchase price of the Equipment has been paid in full, Escrow Agent shall pay the funds then on deposit in the Escrow Fund to Lessor to be applied first to the next Lease Payment due under the Master Agreement, and second, to prepayment of the principal component of Lease Payments in inverse order of maturity without premium. To the extent the Agreement is not subject to prepayment, Lessor consents to such prepayment to the extent of such prepayment amount from the Escrow Fund. Upon disbursement of all amounts in the Escrow Fund, this Escrow Agreement shall terminate.

(e) This Escrow Agreement shall terminate upon the earlier of the date upon which all funds in the Escrow Fund have been disbursed pursuant to Section 6(b) hereof or eighteen (18) months from the date of this Escrow Agreement. It may, however, be extended by a notice of Lessor in writing (electronic means acceptable) to Escrow Agent for a period of up to an additional six (6) months. All funds on deposit in the Escrow Fund at the time of termination under this paragraph, unless otherwise directed by Lessee in writing (electronic means acceptable), shall be transferred to Lessor for application to the prepayment of the Agreement in accordance with the terms thereof.

7. The fees and expenses, including any legal fees, of Escrow Agent incurred in connection herewith shall be the responsibility of Lessee. The basic fees and expenses of Escrow Agent shall be as set forth on Exhibit 2 and Escrow Agent is hereby authorized to deduct such fees and expenses from the Escrow Fund as and when the same are incurred without any further authorization from Lessee or Lessor. Escrow Agent may employ legal counsel and other experts as it deems necessary for advice in connection with its obligations hereunder. Escrow Agent waives any claim against Lessor with respect to compensation hereunder.

8. Escrow Agent shall have no liability for acting upon any written instruction presented by Lessor in connection with this Escrow Agreement, which Escrow Agent in good faith believes to be genuine. Furthermore, Escrow Agent shall not be liable for any act or omission in connection with this Escrow Agreement except for its own negligence, willful misconduct or bad faith. Escrow Agent shall not be liable for any loss or diminution in value of the Escrow Fund as a result of the investments made by Escrow Agent.

9. Escrow Agent may resign at any time by giving thirty (30) days' prior written notice to Lessor and Lessee. Lessor may at any time remove Escrow Agent as Escrow Agent under this Escrow Agreement upon written notice. Such removal or resignation shall be effective on the date set forth in the applicable notice. Upon the effective date of resignation or removal, Escrow Agent will transfer the Escrow Fund to the successor Escrow Agent selected by Lessor.

10. Lessee hereby represents, covenants and warrants that pursuant to Treasury Regulations Section 1.148-7(d), the gross proceeds of the Agreement will be expended for the governmental purposes for which the Agreement was entered into, as follows: at least 15% within six months after the Commencement Date, such date being the date of deposit of funds into the Escrow Fund, at least 60% within 12 months after the Commencement Date, and 100% within 18 months after the Commencement Date. If Lessee is unable to comply with Section 1.148-7(d) of the Treasury Regulations, Lessee shall, at its sole expense and cost, compute rebatable arbitrage on the Agreement and pay rebatable arbitrage to the United States at least once every five years, and within 60 days after payment of the final rental or Lease Payment due under the Agreement.

11. In the event of any disagreement between the undersigned or any of them, and/or any other person, resulting in adverse claims and demands being made in connection with or for any moneys involved herein or affected hereby, Escrow Agent shall be entitled at its option to refuse to comply with any such claim or demand, so long as such disagreement shall continue, and in so refusing Escrow Agent may refrain from making any delivery or other disposition of any moneys involved herein or affected hereby and in so doing Escrow Agent shall not be or become liable to the undersigned or any of them or to any person or party for its failure or refusal to comply with such conflicting or adverse demands, and Escrow Agent shall be entitled to continue so to refrain and refuse so to act until:

(a) the rights of the adverse claimants have been finally adjudicated in a court assuming and having jurisdiction of the parties and the moneys involved herein or affected hereby; or

(b) all differences shall have been adjusted by Master Agreement and Escrow Agent shall have been notified thereof in writing signed by all of the persons interested.

12. All notices (excluding billings and communications in the ordinary course of business) hereunder shall be in writing, and shall be sufficiently given and served upon the other party if delivered (a) personally, (b) by United States registered or certified mail, return receipt requested, postage prepaid, (c) by an overnight delivery by a service such as Federal Express or Express Mail from which written confirmation of overnight delivery is available, or (d) by facsimile with a confirmation copy by regular United States mail, postage prepaid, addressed to the other party at its respective address stated below the signature of such party or at such other address as such party shall from time to time designate in writing to the other party, and shall be effective from the date of mailing.

13. This Escrow Agreement shall inure to the benefit of and shall be binding upon the parties hereto and their respective successors and assigns. No rights or obligations of Escrow Agent under this Escrow Agreement may be assigned without the prior written consent of Lessor.

14. This Escrow Agreement shall be governed by and construed in accordance with the laws in the state of the Escrow Agent's location. This Escrow Agreement constitutes the entire Agreement between the parties hereto with respect to the subject matter hereof, and no waiver, consent, modification or change of terms hereof shall bind any party unless in writing signed by all parties.

15. This Escrow Agreement and any written direction may be executed in two or more counterparts, which when so executed shall constitute one and the same agreement or direction.

IN WITNESS WHEREOF, the parties hereto have caused this Escrow Agreement to be duly executed as of the day and year first above set forth.

U.S. Bancorp Government Leasing and Finance, Inc., as Lessor
By:
Name:
Title:
Address: 13010 SW 68 th Parkway, Suite 100 Portland, OR 97223

<<Lessee>>, as Lessee
By:
Name:
Title:
Address: <<LesseeAddress1>> <<LesseeAddress2>> <<LesseeCity>>, <<LesseeState>> <<LesseeZip>>

U.S. BANK NATIONAL ASSOCIATION, as Escrow Agent
By:
Name:
Title:
Address: U.S. Bank National Association 950 17 th Street, 12 th Floor Denver, CO 80202

EXHIBIT 1

U.S. BANK NATIONAL ASSOCIATION MONEY MARKET ACCOUNT AUTHORIZATION FORM DESCRIPTION AND TERMS

The U.S. Bank Money Market account is a U.S. Bank National Association ("U.S. Bank") interest-bearing money market deposit account designed to meet the needs of U.S. Bank's Corporate Trust Services Escrow Group and other Corporate Trust customers of U.S. Bank. Selection of this investment includes authorization to place funds on deposit and invest with U.S. Bank.

U.S. Bank uses the daily balance method to calculate interest on this account (actual/365 or 366). This method applies a daily periodic rate to the principal balance in the account each day. Interest is accrued daily and credited monthly to the account. Interest rates are determined at U.S. Bank's discretion, and may be tiered by customer deposit amount.

The owner of the account is U.S. Bank as Agent for its trust customers. U.S. Bank's trust department performs all account deposits and withdrawals. Deposit accounts are FDIC Insured per depositor, as determined under FDIC Regulations, up to applicable FDIC limits.

U.S. BANK, WHEN ACTING AS AN INDENTURE TRUSTEE OR IN A SIMILAR CAPACITY, IS NOT REQUIRED TO REGISTER AS A MUNICIPAL ADVISOR WITH THE SECURITIES AND EXCHANGE COMMISSION FOR PURPOSES OF COMPLYING WITH THE DODD-FRANK WALL STREET REFORM & CONSUMER PROTECTION ACT. INVESTMENT ADVICE, IF NEEDED, SHOULD BE OBTAINED FROM YOUR FINANCIAL ADVISOR.

AUTOMATIC AUTHORIZATION

In the absence of specific written direction to the contrary, U.S. Bank is hereby directed to invest and reinvest proceeds and other available moneys in the U.S. Bank Money Market Account. The U.S. Bank Money Market Account is a permitted investment under the operative documents and this authorization is the permanent direction for investment of the moneys until notified in writing of alternate instructions.

<<Lessee>>

Company Name

Signature of Authorized Directing Party

Trust Account Number – includes existing and future sub-accounts unless otherwise directed

Title/Date

EXHIBIT 2

Schedule of Fees for Services as Escrow Agent For <<Lessee>> Equipment Lease Purchase Escrow

CTS01010A	Acceptance Fee The acceptance fee includes the administrative review of documents, initial set-up of the account, and other reasonably required services up to and including the closing. This is a one-time, non-refundable fee, payable at closing.	WAIVED
CTS04460	Escrow Agent Annual fee for the standard escrow agent services associated with the administration of the account. Administration fees are payable in advance.	WAIVED
	Direct Out of Pocket Expenses Reimbursement of expenses associated with the performance of our duties, including but not limited to publications, legal counsel after the initial close, travel expenses and filing fees.	At Cost
	Extraordinary Services Extraordinary Services are duties or responsibilities of an unusual nature, including termination, but not provided for in the governing documents or otherwise set forth in this schedule. A reasonable charge will be assessed based on the nature of the services and the responsibility involved. At our option, these charges will be billed at a flat fee or at our hourly rate then in effect.	

Account approval is subject to review and qualification. Fees are subject to change at our discretion and upon written notice. Fees paid in advance will not be prorated. The fees set forth above and any subsequent modifications thereof are part of your agreement. Finalization of the transaction constitutes agreement to the above fee schedule, including agreement to any subsequent changes upon proper written notice. In the event your transaction is not finalized, any related out-of-pocket expenses will be billed to you directly. Absent your written instructions to sweep or otherwise invest, all sums in your account will remain uninvested and no accrued interest or other compensation will be credited to the account. Payment of fees constitutes acceptance of the terms and conditions set forth.

IMPORTANT INFORMATION ABOUT PROCEDURES FOR OPENING A NEW ACCOUNT:

To help the government fight the funding of terrorism and money laundering activities, Federal law requires all financial institutions to obtain, verify and record information that identifies each person who opens an account.

For a non-individual person such as a business entity, a charity, a Trust or other legal entity we will ask for documentation to verify its formation and existence as a legal entity. We may also ask to see financial statements, licenses, identification and authorization documents from individuals claiming authority to represent the entity or other relevant documentation.

EXHIBIT 3

REQUISITION REQUEST

The Escrow Agent is hereby requested to pay from the Escrow Fund established and maintained under that certain Escrow Agreement dated as of <<StartDate>> (the "Escrow Agreement") by and among U.S. Bancorp Government Leasing and Finance, Inc. (the "Lessor"), <<Lessee>> (the "Lessee"), and U.S. Bank National Association (the "Escrow Agent"), the amount set forth below to the named payee(s). The amount shown is due and payable under a purchase order or contract (or has been paid by and not previously reimbursed to Lessee) with respect to equipment being financed under that certain Master Tax-Exempt Lease Purchase Agreement dated as of <<MasterLeaseDate>> (the "Master Agreement") and Property Schedule No. <<Schedule#>> thereto dated <<StartDate>> (the "Schedule" and, together with the terms and conditions of the Master Agreement incorporated therein, the "Agreement"), by and between the Lessor and the Lessee, and has not formed the basis of any prior requisition request.

PAYEE	AMOUNT	INVOICE NO.	EQUIPMENT

Total requisition amount \$ _____

The undersigned, as Lessee under the Master Agreement, hereby certifies:

1. The items of the Equipment being acquired with the proceeds of this disbursement have been delivered and installed at the location(s) contemplated by the Master Agreement. The Lessee has conducted such inspection and/or testing of the Equipment being acquired with the proceeds of this disbursement as it deems necessary and appropriate, and such Equipment has been accepted by Lessee.
2. The costs of the Equipment to be paid from the proceeds of this disbursement have been properly incurred, are a proper charge against the Escrow Fund and have not been the basis of any previous disbursement.
3. No part of the disbursement requested hereby will be used to pay for materials not yet incorporated into the Equipment or for services not yet performed in connection therewith.
4. The Equipment is covered by insurance in the types and amounts required by the Agreement.
5. No Event of Default or Event of Nonappropriation (if applicable), as each such term is defined in the Master Agreement, and no event which with the giving of notice or lapse of time, or both, would become such an Event of Default or Event of Nonappropriation has occurred and is continuing on the date hereof.
6. If Lessee paid an invoice prior to the commencement date of the Master Agreement, and is requesting reimbursement for such payment, Lessee has satisfied the requirements for reimbursement set forth in Treas. Reg. §1.150-2.

Request Date: _____

Lessor: U.S. Bancorp Government Leasing and Finance, Inc.

By:

Name:

Title:

Lessee: <<Lessee>>

By:

Name:

Title:

Exhibit 4

Final Acceptance Certificate

U.S. Bancorp Government Leasing and Finance, Inc.
13010 SW 68th Parkway, Suite 100
Portland, OR 97223

Re: **Property Schedule No. <<Schedule#>>** to Master Tax-Exempt Lease/Purchase Agreement between
U.S. Bancorp Government Leasing and Finance, Inc. and <<Lessee>>

Ladies and Gentlemen:

In accordance with the above-referenced Master Tax-Exempt Lease/Purchase Agreement (the "Master Agreement"), the undersigned ("Lessee") hereby certifies and represents to, and agrees with, U.S. Bancorp Government Leasing and Finance, Inc. ("Lessor"), as follows:

- (1) The Property, as such terms are defined in the above-referenced Property Schedule, has been acquired, made, delivered, installed and accepted on the date indicated below.
- (2) Lessee has conducted such inspection and/or testing of the Property as it deems necessary and appropriate and hereby acknowledges that it accepts the Property for all purposes.
- (3) No event or condition that constitutes, or with notice or lapse of time, or both, would constitute, an Event of Default or a Nonappropriation Event (as such terms are defined in the Master Agreement) exists at the date hereof.

Acceptance Date: _____

Lessee: <<Lessee>>
By:
Name:
Title:

Exhibit 6

Class Action Negative Consent Letter

<<StartDate>>

<<Lessee>>

<<LesseeAddress1>>

<<LesseeAddress2>>

<<LesseeCity>>, <<LesseeState>> <<LesseeZip>>

RE: USBGLF/<<Lessee>> - - Class Action Litigation Claims

Dear <<LesseeContact>>:

U.S. Bank National Association ("U.S. Bank") has established its policies and procedures relative to class action litigation claims filed on behalf of its clients' accounts. This policy may impact future claims filed by U.S. Bank on behalf of the above-referenced account. Listed below are the policies regarding class action litigation claims:

1. U.S. Bank will file class action litigation claims, at no charge, on behalf of open, eligible agency or custody accounts upon receipt of proper documented authorization. This notice, with your ability to opt out as further described below, constitutes such documented authorization.
2. U.S. Bank will not file claims for agency or custody accounts that were open during the class action period but were closed prior to receipt of any notice of the class action litigation.
3. Assuming requisite information is provided by the payor to identify the applicable account, settlement proceeds of the class action litigation will be posted within a reasonable time following receipt of such proceeds to the entitled accounts that are open at such time. If entitled accounts are closed prior to distribution and receipt of settlement proceeds, they will be remitted to entitled beneficiaries or successors of the account net of any research and filing fees. Proceeds, less any research and filing fees, will be escheated if the entitled beneficiaries or successors of the account cannot be identified /located.

If you wish U.S. Bank to continue to file class action litigation proofs of claim on behalf of your account, you do not need to take any further action. However, if you do not wish U.S. Bank to file class action proofs of claim on behalf of your account, you may notify us of this election by returning this letter with your signature and date provided below within 30 days or by filing a separate authorization letter with your Account Manager by the same date.

The authorization and understanding contained in this communication constitutes an amendment of any applicable provisions of the account document for the above-referenced account.

If you have any questions, please contact me at the below number.

Sincerely,

<<EscrowAgentRepresentative>>

Vice President

<<EscrowAgentRepresentativePhone>>

☐ No, U.S. Bank is not authorized to file class action litigation proofs of claim on behalf of the above-referenced account(s). By making this election, I acknowledge that U.S. Bank is not responsible for forwarding notices received on class action or litigation claims.

☐ Yes, U.S. Bank is authorized to file class action litigation proofs of claim on behalf of the above-referenced account(s). By making this election, I acknowledge that U.S. Bank is responsible for forwarding notices received on class action or litigation claims.

Authorized Signer

Date

Advanced Metering Infrastructure (AMI) Agreement

between

Village of Lake Zurich, IL
(“Customer”)

and
Sensus USA Inc.
(“Sensus”)

IN WITNESS WHEREOF, the parties have caused this AMI Agreement (“Agreement”) to be executed by their duly authorized representatives as of the day and year written below. The date of the last party to sign is the “Effective Date.”

This Agreement shall commence on the Effective Date and continue for/until: 10 Years (“Term”), provided that it may be extended for a longer period by written agreement.

Sensus USA Inc.

By: _____

Name: _____

Title: _____

Date: _____

Customer: Village of Lake Zurich, IL

By: _____

Name: _____

Title: _____

Date: _____

Contents of this Agreement:

AMI Agreement

Exhibit A Software

Exhibit B Technical Support

AMI Agreement

1. Equipment.

- A. **Purchase of Equipment.** Customer shall purchase all Field Devices, RF Field Equipment, and other goods (collectively, "Equipment") from Sensus' authorized distributor pursuant to the terms and conditions (including any warranties on such Equipment) agreed by Customer and Sensus' authorized distributor. This Agreement shall not affect any terms and conditions, including any warranty terms, agreed by Customer and Sensus' authorized distributor. If Customer elects to purchase any equipment or services directly from Sensus, or if Customer pays any fees or other costs to Sensus, then Sensus' Terms of Sale shall apply. The "Terms of Sale" are available at: <http://na.sensus.com/TC/TermsConditions.pdf>, or 1-800-METER-IT.
- B. **THERE ARE NO WARRANTIES IN THIS AGREEMENT, EXPRESS OR IMPLIED. SENSUS EXPRESSLY DISCLAIMS ANY AND ALL REPRESENTATIONS, WARRANTIES AND/OR CONDITIONS, EXPRESSED, IMPLIED, STATUTORY OR OTHERWISE, REGARDING ANY MATTER IN CONNECTION WITH THIS AGREEMENT, INCLUDING WITHOUT LIMITATION, WARRANTIES AS TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, NON-INFRINGEMENT AND TITLE.**

2. Services.

- A. **Installation of Equipment.** Installation services will be as agreed between the Customer and Sensus' authorized distributor. Sensus will not provide installation services pursuant to this Agreement.
- B. **Software Implementation.** Sensus shall install and configure the Software on the Server Hardware.
- C. **IT Systems Integration Services.** Integration of the Software into Customer's new or existing internal IT systems is not included in this Agreement. Any integration work shall be subject to a separate agreement which describes the scope and pricing for such work.
- D. **Technical Support.** Sensus shall provide Customer the technical support set forth in Exhibit B.
- E. **Project Management.** Project management of the AMI System is not included in this Agreement. Any project management shall be subject to a separate agreement which describes the scope and pricing for such work.
- F. **Training.** Training on the use of the AMI System is not included in this Agreement. Any training shall be subject to a separate agreement which describes the scope and pricing for such work.

3. Software.

- A. **Software as a Service (SaaS).** Sensus shall provide Customer with Software as a Service, as defined in Exhibit A, only so long as Customer is current in its payments for such services.
- B. **UCITA.** To the maximum extent permitted by law, the Parties agree that the Uniform Computer Information Transaction Act as enacted by any state shall not apply, in whole or in part, to this Agreement.

4. Spectrum

- A. **Spectrum Lease.** The parties previously entered into a spectrum manager lease on 2/23/2015 (the "Spectrum Lease"), which is hereby specifically incorporated by reference.

5. General Terms and Conditions.

- A. **Intentionally Omitted**
- B. **Limitation of Liability.**
 - i. Sensus' aggregate liability in any and all causes of action arising under, out of or in relation to this Agreement, its negotiation, performance, breach or termination (collectively "Causes of Action") shall not exceed the greater of; (a) the total amount paid by Customer directly to Sensus under this Agreement; or (b) ten thousand US dollars (USD 10,000.00). This is so whether the Causes of Action are in tort, including, without limitation, negligence or strict liability, in contract, under statute or otherwise. As separate and independent limitations on liability, Sensus' liability shall be limited to direct damages. Sensus shall not be liable for; (i) any indirect, incidental, special or consequential damages; nor (ii) any revenue or profits lost by Customer or its Affiliates from any End User(s), irrespective whether such lost revenue or profits is categorized as direct damages or otherwise; nor (iii) any In/Out Costs; nor (iv) manual meter read costs and expenses; nor (v) claims made by a third party; nor (vi) damages arising from maincase or bottom plate breakage caused by freezing temperatures, water hammer conditions, or excessive water pressure. The limitations on liability set forth in this Agreement are fundamental inducements to Sensus entering into this Agreement. They apply unconditionally and in all respects. They are to be interpreted broadly so as to give Sensus the maximum protection permitted under law.
 - ii. To the maximum extent permitted by law, no Cause of Action may be instituted by Customer against Sensus more than TWELVE (12) MONTHS after the Cause of Action first arose. In the calculation of any damages in any Cause of Action, no damages incurred more than TWELVE (12) MONTHS prior to the filing of the Cause of Action shall be recoverable.
- C. **Termination.** Either party may terminate this Agreement earlier if the other party commits a material breach of this Agreement and such material breach is not cured within forty-five (45) days of written notice by the other party. Upon any expiration or termination of this Agreement, Sensus' and Customer's obligations hereunder shall cease and the software as a service and Spectrum Lease shall immediately cease.
- D. **Force Majeure.** If either party becomes unable, either wholly or in part, by an event of Force Majeure, to fulfill its obligations under this Agreement, the obligations affected by the event of Force Majeure will be suspended during the continuance of that inability. The party affected by the force majeure will take reasonable steps to mitigate the Force Majeure.
- E. **Intellectual Property.** No Intellectual Property is assigned to Customer hereunder. Sensus shall own or continue to own all Intellectual Property used, created, and/or derived in the course of performing this Agreement. To the extent, if any, that any ownership interest in and to such Intellectual Property does not automatically vest in Sensus by virtue of this Agreement or otherwise, and instead vests in Customer, Customer agrees to grant and assign and hereby does grant and assign to Sensus all right, title, and interest that Customer may have in and to such Intellectual Property. Customer agrees not to reverse engineer any Equipment purchased or provided hereunder.
- F. **Confidentiality.** Both parties shall (and shall cause their employees and contractors to) keep all Confidential Information strictly confidential and shall not disclose it to any third party, except to the extent reasonably required to perform and enforce this Agreement or as required under applicable law, court order or regulation. The Confidential Information may be transmitted orally, in writing, electronically or otherwise observed by either party. Notwithstanding the foregoing, "Confidential Information" shall not include; (i) any information that is in the public domain other than due to Recipient's breach of this Agreement; (ii) any information in the possession of the Recipient without restriction prior to disclosure by the Discloser; or (iii) any information independently developed by the Recipient without reliance on the information disclosed hereunder by the Discloser. "Discloser" means either party that discloses Confidential Information, and "Recipient" means either party that receives it.
- G. **Compliance with Laws.** Customer shall comply with all applicable country, federal, state, and local laws and regulations, as set forth at the time of acceptance and as may be amended, changed, or supplemented. Customer shall not take any action, or permit the taking of any action by a third party, which

- K. **"Intellectual Property"** means patents and patent applications, inventions (whether patentable or not), trademarks, service marks, trade dress, copyrights, trade secrets, know-how, data rights, specifications, drawings, designs, maskwork rights, moral rights, author's rights, and other intellectual property rights, including any derivations and/or derivative works, as may exist now or hereafter come into existence, and all renewals and extensions thereof, regardless of whether any of such rights arise under the laws of the United States or of any other state, country or jurisdiction, any registrations or applications thereof, and all goodwill pertinent thereto.
- L. **"LCM"** identifies the load control modules.
- M. **"Ongoing Fee"** means the annual or monthly fees, as applicable, to be paid by Customer to Sensus' authorized distributor during the Term of this Agreement.
- N. **"Patches"** means patches or other maintenance releases of the Software that correct processing errors and other faults and defects found previous versions of the Software. For clarity, Patches are not Updates or Upgrades.
- O. **"Permitted Use"** means only for reading and analyzing data from Customer's Field Devices in the Service Territory. The Permitted Use does not include reading third party meters or reading meters outside the Service Territory.
- P. **"Release"** means both Updates and Upgrades.
- Q. **"Remote Transceiver"** identifies the Sensus standalone, mounted relay device that takes the radio frequency readings from the SmartPoint Modules and relays them directly to the RNI by TCP/IP backhaul communication.
- R. **"RF Field Equipment"** means, collectively, FlexNet Base Stations, Echo Transceivers and Remote Transceivers.
- S. **"RNI"** identifies the regional network interfaces consisting of hardware and software used to gather, store, and report data collected by the FlexNet Base Stations from the SmartPoint Modules. The RNI hardware specifications will be provided by Sensus upon written request from Customer.
- T. **"RNI Software"** identifies the Sensus proprietary software used in the RNI and any Patches, Updates, and Upgrades that are provided to Customer pursuant to the terms of this Agreement.
- U. **"Service Territory"** identifies the geographic area where Customer provides electricity, water, and/or gas (as applicable) services to End Users as of the Effective Date. This area will be described on the propagation study in the parties' Spectrum Lease filing with the FCC .
- V. **"Server Hardware"** means the RNI hardware.
- W. **"SmartPoint™ Modules"** identifies the Sensus transmission devices installed on devices such as meters, distribution automation equipment and demand/response devices located at Customer's End Users' premises that take the readings of the meters and transmit those readings by radio frequency to the relevant FlexNet Base Station, Remote Transceiver or Echo Transceiver.
- X. **"Software"** means all the Sensus proprietary software provided pursuant to this Agreement, and any Patches, Updates, and Upgrades that are provided to Customer pursuant to the terms of this Agreement. The Software does not include any third party software.
- Y. **"TouchCoupler Unit"** identifies an inductive coupler connection from a water register to the SmartPoint Module.
- Z. **"Updates"** means releases of the Software that constitute a minor improvement in functionality.
- AA. **"Upgrades"** means releases of the Software which constitute a significant improvement in functionality or architecture of the Software.
- BB. **"WAN Backhaul"** means the communication link between FlexNet Base Stations and Remote Transceivers and RNI.

Exhibit A Software

Software as a Service

I. Description of Services

This exhibit contains the details of the Software as a Service that Sensus shall provide to Customer if both; (i) pricing for the application of Software as a Service has been provided to the Customer; and (ii) the Customer is current in its payments for such application of Software as a Service.

A. Software as a Service Generally.

Software as a Service is a managed service in which Sensus will be responsible for the day-to-day monitoring, maintenance, management, and supporting of Customer's software applications. In a Software as a Service solution, Sensus owns all components of the solution (server hardware, storage, network equipment, Sensus software, and all third-party software) required to run and operate the application. These software applications consist of the following (each an "Application"):

- Regional Network Interface (RNI) Software
- Sensus Analytics
 - Enhanced Package

The managed application systems consist of the hardware, Sensus Software, and other third-party software that is required to operate the software applications. Each Application will have a production, and Disaster Recovery (as described below) environment. Test environments are not provided unless otherwise specifically agreed by Sensus in writing. Sensus will manage the Applications by providing 24 x 7 x 365 monitoring of the availability and performance of the Applications.

B. Usage License. Subject to all the terms and conditions of this Agreement, Sensus hereby gives Customer a license under Sensus' intellectual property rights to use the Sensus Applications for the Permitted Use for so long as Customer is current in its payments for the Applications ("Usage License"). This Usage License shall commence on the Effective Date and shall terminate upon the earlier of; (i) the expiration or termination of this Agreement for any reason; (ii) if Customer uses the Applications provided hereunder other than for the Permitted Use; and (iii) the Application is terminated as set forth below.

C. Termination of Software as a Service. Customer shall have the option at any time after full deployment but before the end of the Term to terminate any Application by giving Sensus one hundred twenty (120) days prior written notice. Such notice, once delivered to Sensus, is irrevocable. Should Customer elect to terminate any Application, Customer acknowledges that; (a) Customer shall pay all applicable fees, including any unpaid Software as a Service fees; and (b) Software as a Service for such Application shall immediately cease. If Customer elects to terminate the RNI Application in the Software as a Service environment but does not terminate the Agreement generally, then upon delivery of the notice to Sensus, Customer shall purchase the necessary (a) RNI hardware and (b) RNI software license, each at Sensus' then-current pricing. No portion of the Software as a Service fees shall be applied to the purchase of the RNI hardware or software license.

D. "Software as a Service" means only the following services:

- i. Sensus will provide the use of required hardware, located at Sensus' or a third-party's data center facility (as determined by Sensus), that is necessary to operate the Application.
- ii. Sensus will provide production and disaster recovery environments for Application.
- iii. Sensus will provide patches, updates, and upgrades to latest Sensus Hosted Software release.
- iv. Sensus will configure and manage the equipment (server hardware, routers, switches, firewalls, etc.) in the data centers:
 - a. Network addresses and virtual private networks (VPN)
 - b. Standard time source (NTP or GPS)
 - c. Security access points
 - d. Respond to relevant alarms and notifications
- v. Capacity and performance management. Sensus will:
 - a. Monitor capacity and performance of the Application server and software applications 24x7 using KPI metrics, thresholds, and alerts to proactively identify any potential issues related to system capacity and/or performance (i.e. database, backpool, logs, message broker storage, etc.)
 - b. If an issue is identified to have a potential impact to the system, Sensus will open an incident ticket and manage the ticket through resolution per Exhibit B, Technical Support.
 - c. Manage and maintain the performance of the server and perform any change or configuration to the server, in accordance to standard configuration and change management policies and procedures.
 - d. Manage and maintain the server storage capacity and performance of the Storage Area Network (SAN), in accordance to standard configuration and change management policies and procedures.
 - e. Exceptions may occur to the system that require Sensus to take immediate action to maintain the system capacity and performance levels, and Sensus has authority to make changes without Customer approval as needed, in accordance to standard configuration and change management policies and procedures.
- vi. Database management. Sensus will:
 - a. Define data retention plan and policy.
 - b. Monitor space and capacity requirements.
 - c. Respond to database alarms and notifications.
 - d. Install database software upgrades and patches.
 - e. Perform routine database maintenance and cleanup of database to improve capacity and performance, such as rebuilding indexes, updating indexes, consistency checks, run SQL query/agent jobs, etc.
- vii. Incident and Problem Management. Sensus will:
 - a. Proactively monitor managed systems (24x7x365) for key events and thresholds to proactively detect and identify incidents.
 - b. Respond to incidents and problems that may occur to the Application(s).
 - c. Maintain policies and procedures for responding to incidents and performing root cause analysis for ongoing problems.
 - d. Correlate incidents and problems where applicable.
 - e. Sensus personnel will use the Salesforce Self Service Portal to document and track incidents.
 - f. In the event that a Sensus personnel is unable to resolve an issue, the issue will be escalated to the appropriate Subject Matter Expert (SME).
 - g. Maintain responsibility for managing incident and problems through resolution and will coordinate with Customer's personnel and/or any required third-party vendor to resolve the issue.

- h. Provide telephone support consistent with Exhibit B, Technical Support in the case of undetected events.
- viii. Security Management. Sensus will:
 - a. Monitor the physical and cyber security of the server and Application(s) 24x7 to ensure system is highly secure in accordance with NIST Security Standards.
 - b. Perform active intrusion prevention and detection of the data center network and firewalls, and monitor logs and alerts.
 - c. Conduct period penetration testing of the network and data center facilities.
 - d. Conduct monthly vulnerability scanning by both internal staff and external vendors.
 - e. Perform Anti-Virus and Malware patch management on all systems.
 - f. Install updates to virus protection software and related files (including Virus signature files and similar files) on all servers from the update being generally available from the anti-virus software provider.
 - g. Respond to any potential threat found on the system and work to eliminate Virus or Malware found.
 - h. Sensus adheres to and submits certification to NERC/CIP Cyber Security standards.
 - i. Sensus actively participates/monitors industry regulation/standards regarding security – NERC, FERC, NIST, OpenSG, etc. through the dedicated Sensus Security team.
 - j. Provide secure web portal access (SSL) to the Application(s).
- ix. Backup and Disaster Recovery Management. Sensus will:
 - a. Perform daily backups of data providing one (1) year of history for auditing and restoration purposes.
 - b. Back-up and store data (on tapes or other storage media as appropriate) off-site to provide protection against disasters and to meet file recovery needs.
 - c. Conduct incremental and full back-ups to capture data, and changes to data, on the Application(s).
 - d. Sensus will replicate the Application(s) environments to a geographically separated data center location to provide a full disaster recovery environment for the Application production system.
 - e. Provide disaster recovery environment and perform fail-over to DR environment within forty-eight (48) hours of declared event.
 - f. Generate a report following each and any disaster measuring performance against the disaster recovery plan and identification of problem areas and plans for resolution.
 - g. Maintain a disaster recovery plan. In the event of a disaster, Sensus shall provide the services in accordance with the disaster recovery plan.
 - h. In the case of a disaster and loss of access to or use of the Application, Sensus would use commercially reasonable efforts per the Recovery Time Objectives and Recovery Point Objectives specified herein to restore operations at the same location or at a backup location within forty-eight (48) hours.
 - i. The Application shall have a Recovery Time Objective (RTO) of forty-eight (48) hours.
 - j. The Recovery Point Objective (RPO) shall be a full recovery of the Application(s), with an RPO of one (1) hours, using no more than a twenty-four (24) hour old backup. All meter-related data shall be pushed from each Base Station/TGB restoring the database to real-time minus external interfaced systems from the day prior.
 - k. Data from external interfaced systems shall be recreated within a forty-eight (48) hour period with the assistance of Customer personnel and staff, as needed.

E. Customer Responsibilities:

- i. Coordinate and schedule any changes submitted by Sensus to the system in accordance with standard configuration and change management procedures.
- ii. Participate in all required configuration and change management procedures.
- iii. Customer will log incidents related to the managed Application with Sensus personnel via email, web portal ticket entry, or phone call.
- iv. Responsible for periodic processing of accounts or readings (i.e. billing files) for Customer's billing system for billing or other analysis purposes.
- v. Responsible for any field labor to troubleshoot any SmartPoint modules or smart meters in the field in populations that have been previously deployed and accepted.
- vi. First response labor to troubleshoot FlexNet Base Station, Echo Transceivers, Remote Transceivers or other field network equipment.
- vii. Responsible for local area network configuration, management, and support.
- viii. Identify and research problems with meter reads and meter read performance.
- ix. Create and manage user accounts.
- x. Customize application configurations.
- xi. Support application users.
- xii. Investigate application operational issues (e.g. meter reads, reports, alarms, etc.).
- xiii. Respond to alarms and notifications.
- xiv. Perform firmware upgrades over-the-air, or delegate and monitor field personnel for on-site upgrades.

F. "Software as a Service" does not include any of the following services:

- i. Parts or labor required to repair damage to any field network equipment that is the result of a Force Majeure event.
- ii. Any integration between applications, such as Harris MeterSense, would require a Professional Services contract agreement to be scoped, submitted, and agreed in a signed writing between Sensus and all the applicable parties.

If an item is not listed in subparagraphs in item (D) above, such item is excluded from the Software as a Service and is subject to additional pricing.

II. Further Agreements

A. System Uptime Rate

- i. Sensus (or its contractor) shall manage and maintain the Application(s) on computers owned or controlled by Sensus (or its contractors) and shall provide Customer access to the managed Application(s) via internet or point to point connection (i.e., Managed-Access use), according to the terms below. Sensus endeavors to maintain an average System Uptime Rate equal to ninety-nine (99.0) per Month (as defined below). The System Uptime Rate, cumulative across all Applications, shall be calculated as follows:

$$\text{System Uptime Rate} = 100 \times \frac{(\text{TMO} - \text{Total Non-Scheduled Downtime minutes in the Month})}{\text{TMO}}$$

- i. Calculations

- a. "Targeted Minutes of Operation" or "TMO" means total minutes cumulative across all Applications in the applicable month ("Month") minus the Scheduled Downtime in the Month.

- b. **"Scheduled Downtime"** means the number of minutes during the Month, as measured by Sensus, in which access to any Application is scheduled to be unavailable for use by Customer due to planned system maintenance. Sensus shall provide Customer notice (via email or otherwise) at least seven (7) days in advance of commencement of the Scheduled Downtime.
 - c. **"Non-Scheduled Downtime"** means the number of minutes during the Month, as measured by Sensus, in which access to any Application is unavailable for use by Customer due to reasons other than Scheduled Downtime or the Exceptions, as defined below (e.g., due to a need for unplanned maintenance or repair).
 - ii. **Exceptions.** **"Exceptions"** mean the following events:
 - a. Force Majeure;
 - b. Emergency Work, as defined below; and
 - c. Lack of Internet Availability, as described below.
 - i. **Emergency Work.** In the event that Force Majeure, emergencies, dangerous conditions or other exceptional circumstances arise or continue during TMO, Sensus shall be entitled to take any actions that Sensus, in good faith, determines is necessary or advisable to prevent, remedy, mitigate, or otherwise address actual or potential harm, interruption, loss, threat, security or like concern to any of the Application(s) (**"Emergency Work"**). Such Emergency Work may include, but is not limited to: analysis, testing, repair, maintenance, re-setting and other servicing of the hardware, cabling, networks, software and other devices, materials and systems through which access to and/or use of the Application(s) by the Customer is made available (the **"Managed Systems"**). Sensus shall endeavor to provide advance notice of such Emergency Work to Customer when practicable and possible.
 - ii. **Lack of Internet Availability.** Sensus shall not be responsible for any deterioration of performance attributable to latencies in the public internet or point-to-point network connection operated by a third party. Customer expressly acknowledges and agrees that Sensus does not and cannot control the flow of data to or from Sensus' networks and other portions of the Internet, and that such flow depends in part on the performance of Internet services provided or controlled by third parties, and that at times, actions or inactions of such third parties can impair or disrupt data transmitted through, and/or Customer's connections to, the Internet or point-to-point data connection (or portions thereof). Although Sensus will use commercially reasonable efforts to take actions Sensus may deem appropriate to mitigate the effects of any such events, Sensus cannot guarantee that such events will not occur. Accordingly, Sensus disclaims any and all liability resulting from or relating to such events.
- B. **Data Center Site-Security.** Although Sensus may modify such security arrangements without consent or notice to Customer, Customer acknowledges the following are the current arrangements regarding physical access to and support of the primary hardware components of the Managed Systems:
 - i. The computer room(s) in which the hardware is installed is accessible only to authorized individuals.
 - ii. Power infrastructure includes one or more uninterruptible power supply (UPS) devices and diesel generators or other alternative power for back-up electrical power.
 - iii. Air-conditioning facilities (for humidity and temperature controls) are provided in or for such computer room(s) and can be monitored and adjusted for humidity and temperature settings and control. Such air systems are supported by redundant, back-up and/or switch-over environmental units.
 - iv. Such electrical and A/C systems are monitored on an ongoing basis and personnel are available to respond to system emergencies (if any) in real time.
 - v. Dry pipe pre-action fire detection and suppression systems are provided.
 - vi. Data circuits are available via multiple providers and diverse paths, giving access redundancy.
- C. **Responsibilities of Customer**
 - i. Customer shall promptly pay all Software as a Service fees.
 - ii. Customer may not (i) carelessly, knowingly, intentionally or maliciously threaten, disrupt, harm, abuse or interfere with the Application(s), Managed Systems or any of their functionality, performance, security or integrity, nor attempt to do so; (ii) impersonate any person or entity, including, but not limited to, Sensus, a Sensus employee or another user; or (iii) forge, falsify, disguise or otherwise manipulate any identification information associated with Customer's access to or use of the Application(s).
 - iii. The provisioning, compatibility, operation, security, support, and maintenance of Customer's hardware and software (**"Customer's Systems"**) is exclusively the responsibility of Customer. Customer is also responsible, in particular, for correctly configuring and maintaining (i) the desktop environment used by Customer to access the Application(s) managed by Sensus; and (ii) Customer's network router and firewall, if applicable, to allow data to flow between the Customer's Systems and Sensus' Managed Systems in a secure manner via the public Internet.
 - iv. Upon receiving the system administrator account from Sensus, Customer shall create username and passwords for each of Customer's authorized users and complete the applicable Sensus registration process (**"Authorized Users"**). Such usernames and passwords will allow Authorized Users to access the Application(s). Customer shall be solely responsible for maintaining the security and confidentiality of each user ID and password pair associated with Customer's account, and Sensus will not be liable for any loss, damage or liability arising from Customer's account or any user ID and password pairs associated with Customer. Customer is fully responsible for all acts and omissions that occur through the use of Customer's account and any user ID and password pairs. Customer agrees (i) not to allow anyone other than the Authorized Users to have any access to, or use of Customer's account or any user ID and password pairs at any time; (ii) to notify Sensus immediately of any actual or suspected unauthorized use of Customer's account or any of such user ID and password pairs, or any other breach or suspected breach of security, restricted use or confidentiality; and (iii) to take the Sensus-recommended steps to log out from and otherwise exit the Application(s) and Managed Systems at the end of each session. Customer agrees that Sensus shall be entitled to rely, without inquiry, on the validity of the user accessing the Application(s) application through Customer's account, account ID, usernames or passwords.
 - v. Customer shall be responsible for the day-to-day operations of the Application(s) and AMI System. This includes, without limitation, (i) researching problems with meter reads and system performance, (ii) creating and managing user accounts, (iii) customizing application configurations, (iv) supporting application users, (v) investigating application operational issues, (vi) responding to alarms and notifications, and (vii) performing over-the-air commands (such as firmware updates or configuration changes).

III. Sensus Analytics

A. **Essential Package.** The Essential Package of the Sensus Analytics Application shall consist of the following modules:

- i. **Device Access**
 - a. Allows search for meter details by using data imported from the Billing system or the Sensus Device ID or AMI ID.
 - b. Allows a view of the meter interval or register reads.
 - c. Meter data is available to be copied, printed, or saved to certain user programs or file formats, specifically CSV, PDF, and Spreadsheet.
 - d. Allows the current and historical data to be viewed.
 - e. Allows the current usage to be compared to historical distribution averages.
 - f. Allows the user to see the meter location on a map view.
 - g. Allows notifications for an event on a single meter to be forwarded to a Customer employee.
 - h. Allows details to be viewed about a meter – (dependent on the data integrated from other systems).
- ii. **Meter Insight** (provides the following)

- a. # of active meters.
 - b. # of orphaned meters with drill down to the list of meters.
 - c. # of inactive meters with drill down to the list of meters.
 - d. # of stale meters with drill down to the list of meters.
 - e. # of almost stale meters with drill down to the list of meters.
 - f. # of meters where no read is available with drill down to the list of meters.
 - g. # of meters with high threshold exceptions with drill down to the list of meters.
 - h. # of unknown radios with drill down to the list of meters.
- iii. Report Access
 - a. Allows the user to see meter alarms and choose a report from a list of standard reports.
 - b. Master Route Register Reads: Shows the latest reads for all meters within specified time window.
 - c. Meter Route Intervals Reads: Allows users to inspect intervals of a single meter over a period of time.
 - d. Master Route No Readings: List all meters that are active in the system, but have not been sending reads within the specified time window.
 - e. Consumption Report: List meters' consumption based on meter readings within the specified time window.
 - f. Zero Consumption for Period: List meters whose readings do not change over a period of time.
 - g. Negative Consumption: Shows the number of occurrences and readings of negative consumption for the last 24hr, 48hr and 72hr from the entered roll up date.
 - h. High Low Exception Report: Displays meters whose reads exceed minimum or/and maximum threshold, within a time range.
 - i. Consumption vs Previous Reported Read: Compares latest reading (from RNI) with last known read received from CIS.
 - j. Consumption Exception 24 hour Report: This report shows meters that satisfy these two conditions: (1) The daily average consumptions exceed entered "daily consumption threshold;" (2) The number of days when daily thresholds are exceeded are greater than the entered "exception per day threshold."
 - k. Endpoint Details: Shows the current state of meters that are created within the specified time range.
 - l. Orphaned Meters: List meters that are marked as 'orphaned', which are created as of entered "Created as of" parameter.
 - m. Billing Request Mismatch: Displays meters in a billing request that have different AMR id with the ones sent by RNI. It also shows AMR id in billing request that have different meter Id in the RNI.
 - n. Users need to enter which billing request file prior to running the report.
 - o. Alarms Report: List all alarms occurred during a time window. Users can select which alarm to show.
- iv. Billing Access
 - a. Initiate the creation of billing export files formatted to the import needs of the billing system.
 - b. Receive billing request files from the billing system to identify what meters to include in the billing export file in the case where billing request file option is used.
 - c. Provides a repository of past billing files that were either used for billing preparation or actually send to the billing system.
 - d. Will store created billing files for a period of three years unless otherwise denoted.
 - e. The system will allow creation of test files before export to the billing system.
- v. Billing Adaptor
 - a. The underlying configurator and tools mapping the extraction of billing data to enable integration to the utility's billing system.
- vi. Data Store
 - a. Allows storage of meter reading data including Intervals, Registers, and Alarms to be stored.
 - b. Stored data is available online for reports and analysis.
 - c. Data will be retained for 3 years. Additional duration can be purchased.
- B. **Enhanced Package.** The Enhanced Package shall consist of the modules listed above in the Essential Package, as well as the following additional modules:
 - i. Alarm Dashboard
 - a. Allows the user to summarize and filter alarms by a date range.
 - b. Allows the user to review all alarm types on a single screen.
 - c. The user can filter out the alarms not wanted on the screen.
 - d. Alarm totals can be visualized.
 - e. Adds a view of trending alarms over time.
 - f. Click to drill down on an alarm to gain more information on specific events.
 - g. Click to analyze a specific event on a particular device.
 - ii. Alarm Console
 - a. Follow real time monitors of the alarms coming from Customer's meters.
 - b. Provides a single view for all alarms across the entire network.
 - c. Allows the user to view trending of each alarm over time.
 - iii. Alert Manager
 - a. Allows creation of alert groups who will be notified when an alarm occurs.
 - b. Users can manage alert groups by adding and removing group members.
 - c. Allows selection of notification method for how end users in the group will be notified; email or SMS (text message).
 - d. Allows creation of an alert from the available system events from smart points and assign to a group.
 - e. Monitors the systems meters for events. When an event is triggered, all users in the group will be notified.
- D. **Integration of Sensus Analytics.** Sensus shall provide integration support services to Customer only to the extent specifically provided below:
 - i. Sensus shall provide Customer with a simple flat file specification known as VFlex for the integration of the Customer's back office system to the Sensus Analytics modules. This flat file may be delimited or fixed width. This specification allows Customer to transmit each day or as needed: the devices and end users in the system, end user status, end user account information, end user name, and other end user details. When sent to the Sensus FTP servers, this file exchange will enable the system to become operational with the Customer's systems. Customer shall produce this file and transmit it to the FTP location designated by Sensus. Sensus will provide reasonable support to explain to Customer the required vs. optional fields that are in the specification, testing and validation of the file format and content.
 - a. In scope of the included integration efforts is the mapping the Customer's fields to the VFlex specification.
 - b. Out of scope and subject to additional charges will be the transformation of data where business logic including code must be written to modify the field content or format of the data to meet the VFlex specification.
 - ii. Sensus' integration services consists of four (4) hours of assistance (remote or on-site, as determined by Sensus). If additional time is needed to complete the integration efforts, Sensus shall invoice Customer for additional fees on an actual time and materials basis.

- iii. **If an item is not listed in subparagraphs (i) or (ii) above, such item is excluded from the integration of Sensus Analytics Support and is subject to additional pricing.**
- E. **Data Import.** The Sensus Analytics Application contains adapters for the import of data from; (a) Customer's FlexNet AMI System; and/or (b) AutoRead application for handheld and drive by systems, as applicable.
- F. **Customer Acknowledgements.**
 - i. Customer acknowledges that the Sensus Analytics Application provides up to fifty (50) user logins for Customer's use.
 - ii. Customer acknowledges and agrees the Sensus Analytics Application is based upon the actual number of End Users within Customer's Service Territory. Pricing may increase if Customer's Service Territory or actual number of End Users expands.
 - iii. Customer acknowledges that all data related to the Sensus Analytics Applications is geographically hosted within the United States of America. Customer accepts the geographic location of such hosting, and indemnifies Sensus for any claims resulting therefrom.
 - iv. Customer acknowledges and agrees that the Intellectual Property provisions of this Agreement apply in all respects to Customer's access to and use of the Sensus Analytics Applications.
 - v. Customer is responsible for validating the data analyzed by the Sensus Analytics Applications. Sensus makes no promises of improving Customer's operations or saving Customer money, nor is Sensus liable for any damages resulting from decisions made by Customer related to Customer's use of Sensus Analytics.

IV. Third Party Software.

- A. **RedHat Linux.** If Sensus is providing Customer with a license to use RedHat Linux Software, Customer agrees to the following:

By entering into this Agreement, Customer agrees to abide by and to be legally bound by the terms and conditions of the Red Hat End User License Agreements identified below, each of which are incorporated into this Agreement by reference and are available at the websites identified below. Please read the Red Hat End User License Agreements and incorporated references carefully.

Subscription:	End User License Agreement:
Red Hat Enterprise Linux	http://www.redhat.com/licenses/rhel_rha_eula.html
JBoss Enterprise Middleware	http://www.redhat.com/licenses/jboss_eula.html

Exhibit B Technical Support

1. Introduction

Sensus Technical Services provides utility customers with a single point of contact for Tier 1 support of technical issues as well as any coordination of additional resources required to resolve the issue. Requests that require specialized skills are to be forwarded to a senior support engineer or Technical Advisor within the team for further analysis. If Technical Services has exhausted all troubleshooting efforts for the product type, the issue will escalate to the Engineering Support Team. Occasionally, on-site troubleshooting/analysis may be required. The preferred order of on-site support is:

- a) The Customer (for assistance with the easiest and lowest time-consuming activities such as power on/power off).
- b) The local distributor.
- c) Sensus employees or contracted personnel, if required to fulfill a contract commitment.

2. Support Categories

- 2.1. General questions regarding functionality, use of product, how-to, and requests for assistance on Sensus AMR, AML, RF Network Equipment, Metering Products and Sensus Lighting Control.
- 2.2. Proactive reporting and resolution of problems.
- 2.3. Reactive reporting to isolate, document, and solve reported hardware/software defects.
- 2.4. Responding to service requests and product changes.
- 2.5. Addressing customer inquiries with printed or electronic documentation, examples, or additional explanation/clarification.

3. Support Hours

- 3.1. Standard Support Hours: Toll-free telephone support (1-800-638-3748 option #2) is available Monday thru Friday from 8:00AM EST to 8:00PM EST. After-hours, holiday and weekend support for Severity 1 and Severity 2 issues is available by calling 1-800-638-3748, option #8.

4. Support Procedures

- 4.1. Customer identifies an issue or potential problem and calls Technical Services at 1-800-638-3748 Option #2. The Customer Service Associate or Technical Support Engineer will submit a Support ticket.
- 4.2. The Customer Service Associate or Technical Support Engineer will identify the caller name and utility by the assigned software serial number, city, and state in which the call originated. The nature of the problem and severity levels will be agreed upon by both parties (either at the time the issue is entered or prior to upgrading or downgrading an existing issue) using the severity definitions below as a guideline. The severity level is then captured into a support ticket for creation and resolution processing. Any time during the processing of this ticket, if the severity level is changed by Sensus, the customer will be updated.

Severity Levels Description:

Sev1 Customer's production system is down. The system is unusable resulting in total disruption of work. No workaround is available and requires immediate attention.

Example: Network mass outage, all reading collection devices inoperable, inoperable head end software (e.g., RNI Software, Sensus MDM).

Sev2 Major system feature/function failure. Operations are severely restricted; there is a major disruption of work, no acceptable work-around is available, and failure requires immediate attention.

Examples: Network equipment failure (e.g., FlexNet Echo, FlexNet Remote, Base Station transceiver, or VGB); inoperable reading devices (e.g., AR5500, VXU, VGB, or CommandLink); head end software application has important functionality not working and cannot create export file for billing system operations.

Sev3 The system is usable and the issue doesn't affect critical overall operation.

Example: Minor network equipment failure (e.g., Echo/Remote false alarms or Base Station transceiver false alarms); head end software application operable but reports are not running properly, modification of view or some non-critical function of the software is not running.

Sev4 Minor system issues, questions, new features, or enhancement requests to be corrected in future versions.

Examples: Minor system issues, general questions, and "How-To" questions.

- 4.3. The Customer Service Associate or Technical Support Engineer identifies whether or not the customer is on support. If the customer is not on support, the customer is advised of the service options as well as any applicable charges that may be billed.
- 4.4. Calls are placed in a queue from which they are accessible to Technical Support Engineers on a first-come-first-serve basis. A first level Customer Service Associate may assist the customer, depending on the difficulty of the call and the representative's technical knowledge. Technical Support Engineers (Tier 1 support) typically respond/resolve the majority of calls based on their product knowledge and experience. A call history for the particular account is researched to note any existing pattern or if the call is a new report. This research provides the representative a basis and understanding of the account as well as any associated problems and/or resolutions that have been communicated.
 - a. Technical Services confirms that there is an issue or problem that needs further analysis to determine its cause. The following information must be collected: a detailed description of the issue's symptoms, details on the software/hardware product and version, a description of the environment in which the issue arises, and a list of any corrective action already taken.
 - b. Technical Services will check the internal database and product defect tracking system, to see if reports of a similar problem exist, and if any working solutions were provided. If an existing resolution is found that will address the reported issue, it shall be communicated to the customer. Once it is confirmed that the issue has been resolved, the ticket is closed.
 - c. If there is no known defect or support that defines the behavior, Technical Services will work with the customer to reproduce the issue. If the issue can be reproduced, either at the customer site or within support center test lab, Technical Services will escalate the ticket for further investigation / resolution.

If the issue involves units that are considered to be defective with no known reason, the representative will open a Special Investigation RMA through the Support system. If it is determined that a sample is required for further analysis, the customer will be provided with instructions that detail where to send the product sample(s) for a root cause analysis. Once it is determined that the issue cannot be resolved by Tier 1 resources, the ticket will be escalated to Tier 2 support for confirmation/workarounds to resolve immediate issue. Technical Services will immediately contact the customer to advise of the escalation. The response and escalation times are listed in Section 5. At this time, screen shots, log files, configuration files, and database backups will be created and attached to the ticket.

5. Response and Resolution Targets.

Sensus Technical Support will make every reasonable effort to meet the following response and resolution targets:

Severity	Standard Target Response	Standard Target Resolution	Resolution (one or more of the following)
1	30 Minutes	Immediately assign trained and qualified Services Staff to correct the error on an expedited basis. Provide ongoing communication on the status of a correction.	<ul style="list-style-type: none"> • Satisfactory workaround is provided. • Program patch is provided. • Fix incorporated into future release. • Fix or workaround incorporated into the Support Knowledge Base.
2	4 hours	Assign trained and qualified Services Staff to correct the error. Provide communication as updates occur.	<ul style="list-style-type: none"> • Satisfactory workaround is provided. • Program patch is provided. • Fix incorporated into future release. • Fix or workaround incorporated into the Support Knowledge Base.
3	1 Business Day	90 business days	<ul style="list-style-type: none"> • Answer to question is provided. • Satisfactory workaround is provided. • Fix or workaround incorporated into the Support Knowledge Base. • Fix incorporated into future release.
4	2 Business Days	12 months	<ul style="list-style-type: none"> • Answer to question is provided. • Fix or workaround incorporated into the Support Knowledge Base.

6. Problem Escalation Process.

- 6.1. If the normal support process does not produce the desired results, or if the severity has changed, the issue may be escalated as follows to a higher level of authority.
 - 6.1.1. Severity 1 issues are escalated by Sales or Technical Services to a Supervisor if not resolved within 2 hours; to the Manager level if not resolved within 4 hours; to the Director level if not resolved within the same business day; and to the VP level if not resolved within 24 hours.
 - 6.1.2. A customer may escalate an issue by calling 1-800-638-3748, Option 2. Please specify the Support ticket number and the reason why the issue is being escalated.
 - 6.1.3. In the event that a customer is not satisfied with the level of support or continual problem with their products, they may escalate a given Support ticket to Manager of Technical Services (1-800-638-3748, Option 2).

7. General Support Provisions and Exclusions.

- 7.1. Sensus provides online documentation for Sensus products through the Sensus User Forum (<http://myflexnetsystem.com/Module/User/Login>). All Sensus customers are provided access to this online database, which includes operation, configuration and technical manuals. Sensus also hosts periodic user group teleconferences to facilitate the interchange of product ideas, product enhancements, and overall customer experiences. The customer shall provide names and email accounts to Sensus so Sensus may provide access to the Portal.
- 7.2. Specialized support from Sensus is available on a fee basis to address support issues outside the scope of this support plan or if not covered under another specific maintenance contract. For example, specialized systems integration services or out of warranty network equipment repair that is not covered under a separate maintenance contract.