

**THIS PRINT COVERS CALENDAR ITEM NO.: 10.6**

**SAN FRANCISCO  
MUNICIPAL TRANSPORTATION AGENCY**

**DIVISION:** Sustainable Streets

**BRIEF DESCRIPTION:**

Approving the Amendment No. 1 to Contract No. SFMTA 2017-28, the Agreement between the City and County of San Francisco and Eco-Counter Inc. for Software-As-Service, Data Services, and Equipment Maintenance Services for Bicycle Counters, to increase the contract amount by \$120,614, for a total contract amount not to exceed \$261,989 and to exercise the SFMTA’s option to extend the contract for two years for a total a term of four years, all retroactive to June 15, 2019.

**SUMMARY:**

- On June 15, 2017, the SFMTA Board approved Contract No. SFMTA-2017-28, with Eco-Counter Inc. for Software-As-Service, Data Services, and Equipment Maintenance Services for Bicycle Counters (Contract) for an amount not to exceed \$141,375 and a term of two years, with an option to extend the Contract for two years.
- The SFMTA uses ZELT bicycle counters and barometers, manufactured by Eco-Counter to measure bicycle volumes.
- Eco-Counter is the only source of parts and batteries for the ZELT bicycle counters and is the only entity capable of appropriately maintaining these counters.
- The Director of Transportation authorized sole source contracting with Eco-Counter on October 25, 2016, because Eco-Counter, Inc. is the only vendor able to perform software and equipment maintenance on ZELT Eco-Counter proprietary products. The sole source approval is valid from December 1, 2016, through December 31, 2021.
- The Contract expired on June 15, 2019, after which the SFMTA will continue to need bicycle counter maintenance and software services.

**ENCLOSURES:**

1. SFMTAB Resolution
2. Amendment to Contract No. SFMTA-2017-28

**APPROVALS:**

DIRECTOR Tom Maguire

SECRETARY R. Boomer

**DATE**

August 13, 2019

August 13, 2019

**ASSIGNED SFMTAB CALENDAR DATE:** August 20, 2019

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**PURPOSE**

Approving the Amendment No. 1 to Contract No. SFMTA 2017-28, the Agreement between the City and County of San Francisco and Eco-Counter Inc. for Software-As-Service, Data Services, and Equipment Maintenance Services for Bicycle Counters, to exercise the option for the San Francisco Municipal Transportation Agency (SFMTA) to extend the contract for two years and to increase the contract amount by \$120,614, for a total contract amount not to exceed \$261,989 and a total a term of four years, all retroactive to June 15, 2019. The SFMTA bicycle counters measure bicycle traffic volumes throughout San Francisco.

**STRATEGIC PLAN GOALS AND TRANSIT FIRST POLICY PRINCIPLES**

This Contract supports the following SFMTA Strategic Plan Goal and Objective:

Goal 2: Make transit and other sustainable modes of transportation the most attractive and preferred means of travel.

Objective 2.2: Enhance and expand use of the city's sustainable modes of transportation.

Goal 3: Improve the quality of life and environment in San Francisco and the region.

Objective 3.2: Advance policies and decisions in support of sustainable transportation and land use principles.

The SFMTA will further the following Transit First Policy Principles through execution of the Amendment:

**SEC. 8A.115. (a) Transit-First Policy**

1. To ensure quality of life and economic health in San Francisco, the primary objective of the transportation system must be the safe and efficient movement of people and goods.
3. Decisions regarding the use of limited public street and sidewalk space shall encourage the use of public rights of way by pedestrians, bicyclists, and public transit, and shall strive to reduce traffic and improve public health and safety.
6. Bicycling shall be promoted by encouraging safe streets for riding, convenient access to transit, bicycle lanes, and secure bicycle parking.

**DESCRIPTION**

*Background*

From January 2010 to June 2013, the SFMTA purchased three bicycle barometers (totems) and 72 automated bicycle counters (collectively, the System) through a contract with Eco-Counter, Inc. (Eco or Contractor). These are installed on bikeways in San Francisco. Automated bicycle counters collect data continuously as bicyclists pass a diamond-shaped inductive loop on the bicycle network.

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On June 15, 2017, the SFMTA entered into Contract No. SFMTA 2017-28, Software-As-Service, Data Services, and Equipment Maintenance Services for Bicycle Counters with Eco-Counter Inc. to ensure that SFMTA bicycle counters are continuously operational and accurately reporting and recording data for the term of the Contract. The Contract expired on June 15, 2019, while this present amendment was being negotiated and processed.

#### *How the System Works*

The system uses copper wire inductive loops to detect passing bicycles. The loops are connected to a transducer, logger, modem and battery installed in a sidewalk pull box near the counter; bicycle barometers are wired to a power source. The System differentiates between bicycles and other vehicles. The System detects the electromagnetic signature of a bicycle wheel each time a bicycle travels over the loop. The bicycle barometers function as a bicycle counter, but also visually displays count data for the public, helping encourage and celebrate bicycling as a mode of travel for San Franciscans.

The bicycle counters include integrated modems that transmit bicycle traffic data to an online database daily, where SFMTA staff can view, download and analyze the bicycle count data. The data is made available to the City via the Eco-Visio web platform and an Application Programming Interface (API). The data consists of the location of the counter, the date, the number of cyclists who pass and the date and time that the cyclists pass the counter. The data can also be archived, sorted and reported, to provide the following functions:

- Track changes in bicycling patterns over time;
- Evaluate the impact of new bicycle facilities;
- Rank bicycle infrastructure locations by use;
- Monitor seasonal and time-of-day variations of bicycle volumes.

#### *Contract Scope of Work*

The automated bicycle counters require routine and non-routine maintenance to function continuously and with optimum accuracy. Under the Contract, Eco-Counter, will provide:

1. Biannual maintenance visits to all counters;
2. Equipment replacement;
3. Summary log of counter operational status;
4. Remote troubleshooting and technical support;
5. Updating firmware and retrieving lost data;
6. Reconstructing data lost due to system failure or damaged equipment;
7. Subscription for automated data transmission via modem;
8. API service.

The SFMTA has determined that due to budgetary constraints, the Agency will maintain only 37 counters and three barometers, which is a number sufficient to provide the SFMTA with data necessary for the Agency's service and planning purposes.

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**STAKEHOLDER ENGAGEMENT**

No outreach was done for this Amendment.

**ALTERNATIVES CONSIDERED**

The SFMTA considered an alternative to maintain all 72 counters currently in place. This alternative was not pursued due to budgetary constraints, resulting from the need to replace many older counters, which would have cost nearly twice the amount proposed under this contract amendment. Two other reasons this alternative was not pursued were issues with counter reliability because of unique geographic characteristics at each counter, and lastly because technological advances offer SFMTA the ability to refine and strategize placement of counters to achieve representative and adequate coverage while utilizing a total of 37 counters and three barometers.

The SFMTA Board of Directors could also choose not to amend the Contract, but the System's bicycle counters and barometers would no longer be maintained and would eventually cease to operate. If the System ceases to function, the SFMTA would not be capable of accurately and continuously tracking bicycle volume data, which is necessary for bicycle access, service and infrastructure planning.

**FUNDING IMPACT**

Total funding of \$261,989 comes from the Sustainable Streets Division FY20 operating budget.

**ENVIRONMENTAL REVIEW**

On May 20, 2019 the SFMTA, under authority delegated by the Planning Department, determined that the proposed amendment of Contract No. SFMTA 2017-28 is not defined as a "project" under the California Environmental Quality Act (CEQA) pursuant to Title 14 of the California Code of Regulations Sections 15060(c) and 15378(b).

A copy of the CEQA determination is on file with the Secretary to the SFMTA Board of Directors and is incorporated herein by reference.

**OTHER APPROVALS RECEIVED OR STILL REQUIRED**

No additional approvals are required.

The City Attorney has reviewed this calendar item.

**RECOMMENDATION**

Staff recommends that the SFMTA Board of Directors approves Amendment No. 1 to Contract No. SFMTA 2017-28, between the City and County of San Francisco and Eco-Counter Inc. for Software-As-Service, Data Services, and Equipment Maintenance Services for Bicycle Counters, to increase

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the contract amount by \$120,614, for a total contract amount not to exceed \$261,989 and to exercise the SFMTA's option to extend the contract for two years for a total a term of four years, all retroactive to June 15, 2019.

SAN FRANCISCO  
MUNICIPAL TRANSPORTATION AGENCY  
BOARD OF DIRECTORS

RESOLUTION No. \_\_\_\_\_

WHEREAS, By September 2011, the San Francisco Municipal Transportation Agency (SFMTA) had purchased and installed a system of 24 Bicycle Counters at 17 locations throughout San Francisco (the System); and,

WHEREAS, By May 2016, the System had been expanded to 72 Bicycle Counters and 3 Bicycle Barometers, all with integrated modems that transmit data each day to an online database; and,

WHEREAS, On October 25, 2016, the Contracting Monitoring Division of the General Services Agency approved a Sole Source waiver for Eco-Compteur, Inc. / Eco-Counter Inc. as the only entity capable of performing maintenance on the System; and,

WHEREAS, On June 15, 2017, the Director of Transportation approved Contract No. SFMTA 2017-28 between the City and County of San Francisco and Eco-Counter Inc. for Software-As-Service, Data Services, and Equipment Maintenance Services for Bicycle Counters (Contract) for a term of two years, with an option to extend the Contract an additional two years, for an amount not to exceed \$141,375; and,

WHEREAS, The benefits to SFMTA of continuous bicycle count data from the System of bicycle counters includes tracking bicycling patterns and volumes over time and season, evaluating the impact of new bicycle facilities, ranking bicycle infrastructure locations by volume, and sharing data with the public; and,

WHEREAS, On May 21, 2019, the SFMTA, under authority delegated by the Planning Department, determined that the proposed amendment of Contract No. SFMTA 2017-28 is not defined as a “project” under the California Environmental Quality Act (CEQA) pursuant Title 14 of the California Code of Regulations Sections 15060(c) and 15378(b); and, therefore be it

RESOLVED, That the SFMTA Board of Directors approves Amendment No. 1 to Contract No. SFMTA 2017-28, between the City and County of San Francisco and Eco-Counter Inc. for Software-As-Service, Data Services, and Equipment Maintenance Services for Bicycle Counters, to increase the contract amount by \$120,614, for a total contract amount not to exceed \$261,989 and to exercise the SFMTA’s option to extend the contract for two years for a total a term of four years, all retroactive to June 15, 2019.

I certify that the foregoing resolution was adopted by the San Francisco Municipal Transportation Agency Board of Directors at its meeting of August 20, 2019.

\_\_\_\_\_  
Secretary to the Board of Directors  
San Francisco Municipal Transportation Agency

**City and County of San Francisco  
Municipal Transportation Agency  
One South Van Ness Ave., 7<sup>th</sup> Floor  
San Francisco, California 94103**

**First Amendment**

**Contract No. SFMTA-2017-28**

THIS AMENDMENT (Amendment), dated for convenience as June 19, 2019, is made in San Francisco, California, by and between **Eco-Counter Inc.** (Contractor), and the City and County of San Francisco, a municipal corporation (City), acting by and through its Municipal Transportation Agency (SFMTA).

**Recitals**

- A. City and Contractor have entered into the Contract (as defined below).
- B. City and Contractor desire to modify the Contract to exercise the SFMTA's option to extend the Contract for an additional two years, as authorized in Article 2 of the Contract; increase the Contract Amount by \$120,614 to compensate Contractor for additional equipment maintenance services it will provide during the term extension, and extend the Software as a Service license, support and maintenance services for the extended term; amend Appendix A-1 to reduce the number of automatic Bicycle Counters to be serviced from 72 to 37; amend Appendix B to reflect the increase in compensation for the term extension; amend Appendix C to reflect the changes in equipment maintenance service schedule dates; and amend Appendix E to reflect changes in equipment prices.
- C. The SFMTA procured the Bicycle Counters from Contractor under Purchase Order no. DPMT13001362, dated June 20, 2013. The City's Contract Monitoring Division approved the Contractor as a sole source for the required services on November 7, 2016.
- D. Approval for this Amendment was obtained when the Civil Service Commission approved Contract number 43653-16/17 on February 6, 2017.

NOW, THEREFORE, Contractor and the City agree as follows:

**Article 1      Definitions**

The following definitions shall apply to this Amendment:

1.1            **Agreement.** The term "Agreement" ("Contract") shall mean the Contract No. SFMTA-2017-28 dated June 15, 2017 between Contractor and City, as modified by this Amendment.

1.2            **Other Terms.** Terms used and not defined in this Amendment shall have the meanings assigned to such terms in the Contract.

## **Article 2      Modifications to the Contract**

The existing terms of the Contract described below are modified as follows:

2.1      **Article 2 (Term of the Contract)** of the Contract is amended to exercise the SFMTA's options to extend the term two additional years; Article 2 is replaced in its entirety to read as follows:

The term of this Contract shall be from June 15, 2017 to June 15, 2021.

2.2      **Section 3.3.1 (Payment)** of the Contract amended to increase the Contract Amount \$120,614; Section 3.3.1 is replaced in its entirety to read as follows:

Contractor shall provide an invoice to the SFMTA on a monthly basis for Services completed in the immediately preceding month, unless a different schedule is set out in Appendix B, (Calculation of Charges). Compensation shall be made for Services identified in the invoice that the Director of Transportation, or his or her designee, in his or her sole discretion, concludes has been received and satisfactorily performed in accordance with this Contract. Payment shall be made within 30 calendar days of receipt of the invoice, unless the City notifies the Contractor that a dispute as to the invoice exists. In no event shall the amount of this Contract exceed Two Hundred Sixty One Thousand, Nine Hundred and Eighty Nine Dollars (\$261,989). The breakdown of charges associated with this Contract appears in Appendix B, (Calculation of Charges,) attached hereto and incorporated by reference as though fully set forth herein. The City may withhold a portion of payment until conclusion of the Contract if agreed to by both parties as retention, described in Appendix B. In no event shall City be liable for interest or late charges for any late payments.

2.3      **Assignment.** The following is hereby added to Article 4 of the Contract, replacing the previous Section 4.5 in its entirety:

**4.5      Assignment.** The Services to be performed by Contractor are personal in character. Neither this Contract, nor any duties or obligations hereunder, may be directly or indirectly assigned, novated, hypothecated, transferred, or delegated by Contractor, or, where the Contractor is a joint venture, a joint venture partner, (collectively referred to as an "Assignment") unless first approved by City by written instrument executed and approved in the same manner as this Contract in accordance with the Administrative Code. The City's approval of any such Assignment is subject to the Contractor demonstrating to City's reasonable satisfaction that the proposed transferee is: (i) reputable and capable, financially and otherwise, of performing each of Contractor's obligations under this Contract and any other documents to be assigned, (ii) not forbidden by applicable law from transacting business or entering into contracts with City; and (iii) subject to the jurisdiction of the courts of the State of California. A change of ownership or control of Contractor or a sale or transfer of substantially all of the assets of Contractor shall be deemed an Assignment for purposes of this Contract. Contractor shall immediately notify City about any Assignment. Any purported Assignment made in violation of this provision shall be null and void.



2.4 **Limitations on Contributions.** The following is hereby added to Article 10 of the Contract, replacing the previous Section 10.11 in its entirety:

**10.11 Limitations on Contributions.** By executing this Contract, Contractor acknowledges its obligations under section 1.126 of the City's Campaign and Governmental Conduct Code, which prohibits any person who contracts with, or is seeking a contract with, any department of the City for the rendition of personal services, for the furnishing of any material, supplies or equipment, for the sale or lease of any land or building, for a grant, loan or loan guarantee, or for a development agreement, from making any campaign contribution to (i) a City elected official if the contract must be approved by that official, a board on which that official serves, or the board of a state agency on which an appointee of that official serves, (ii) a candidate for that City elective office, or (iii) a committee controlled by such elected official or a candidate for that office, at any time from the submission of a proposal for the contract until the later of either the termination of negotiations for such contract or twelve months after the date the City approves the contract. The prohibition on contributions applies to each prospective party to the contract; each member of Contractor's board of directors; Contractor's chairperson, chief executive officer, chief financial officer and chief operating officer; any person with an ownership interest of more than 10% in Contractor; any subcontractor listed in the bid or contract; and any committee that is sponsored or controlled by Contractor. Contractor certifies that it has informed each such person of the limitation on contributions imposed by Section 1.126 by the time it submitted a proposal for the contract, and has provided the names of the persons required to be informed to the City department with whom it is contracting.

### **Article 3 Additional Terms**

The Contract is modified with addition of the following new terms:

3.1 **Withholding.** The following is hereby added to Article 7 of the Contract:

**7.3 Withholding.** Contractor agrees that it is obligated to pay all amounts due to the City under the San Francisco Business and Tax Regulations Code during the term of this Contract. Pursuant to Section 6.10-2 of the San Francisco Business and Tax Regulations Code, Contractor further acknowledges and agrees that City may withhold any payments due to Contractor under this Contract if Contractor is delinquent in the payment of any amount required to be paid to the City under the San Francisco Business and Tax Regulations Code. Any payments withheld under this paragraph shall be made to Contractor, without interest, upon Contractor coming back into compliance with its obligations.

3.2 **Consideration of Salary History.** The following is hereby added to Article 10 of the Contract, replacing the previous Section 10.4 in its entirety:

**10.4 Consideration of Salary History.** Contractor shall comply with San Francisco Administrative Code Chapter 12K, the Consideration of Salary History Ordinance or "Pay Parity Act." Contractor is prohibited from considering current or past salary of an applicant in determining whether to hire the applicant or what salary to offer the applicant to the extent that such applicant is applying for employment to be performed on this Contract or in furtherance of this Contract, and whose application, in whole or part, will be solicited, received, processed or considered, whether or not through an interview, in the City or on City property. The ordinance also prohibits employers from (1) asking such applicants about their current or past salary or (2) disclosing a current or former employee's salary history without that employee's authorization unless the salary history is publicly available. Contractor is subject to the enforcement and penalty provisions in Chapter 12K. Information about and the text of Chapter 12K is available on the web at <https://sfgov.org/olse/consideration-salary-history>. Contractor is required to comply with all of the applicable provisions of 12K, irrespective of the listing of obligations in this Section.

3.3 **Limitations on Contributions.** The following is hereby added to Article 10 of the Contract, replacing the previous Section 10.11 in its entirety:

**10.11 Limitations on Contributions.** By executing this Contract, Contractor acknowledges its obligations under section 1.126 of the City's Campaign and Governmental Conduct Code, which prohibits any person who contracts with, or is seeking a contract with, any department of the City for the rendition of personal services, for the furnishing of any material, supplies or equipment, for the sale or lease of any land or building, for a grant, loan or loan guarantee, or for a development agreement, from making any campaign contribution to (i) a City elected official if the contract must be approved by that official, a board on which that official serves, or the board of a state agency on which an appointee of that official serves, (ii) a candidate for that City elective office, or (iii) a committee controlled by such elected official or a candidate for that office, at any time from the submission of a proposal for the contract until the later of either the termination of negotiations for such contract or twelve months after the date the City approves the contract. The prohibition on contributions applies to each prospective party to the contract; each member of Contractor's board of directors; Contractor's chairperson, chief executive officer, chief financial officer and chief operating officer; any person with an ownership interest of more than 10% in Contractor; any subcontractor listed in the bid or contract; and any committee that is sponsored or controlled by Contractor. Contractor certifies that it has informed each such person of the limitation on contributions imposed by Section 1.126 by the time it submitted a proposal for the contract, and has provided the names of the persons required to be informed to the City department with whom it is contracting.

#### **Article 4 Amendments to Scope of Work and Schedule of Prices**

4.1 **Appendix A-1** to the Contract (Equipment and System Maintenance) is modified to reduce the number of automatic Bicycle Counters to be serviced from 72 to 37; update the description of services to be provided during Contractor's Service Visits; and update the SFMTA Sign Shop contact, as set out in Appendix A to this Amendment.

4.2 **Appendix B** to the Contract (Calculation of Charges) is modified to reflect the increase in compensation for the term extension, as set out in Appendix B to this Amendment.

4.3 **Appendix C** to the Contract (Maintenance Services Schedule) is modified to reflect the changes in equipment maintenance service schedule dates, as set out in Appendix C to this Amendment.

4.4 **Appendix E** (Price List for Equipment and Miscellaneous Components) is modified to reflect changes in equipment prices, as set out in Appendix E to this Amendment.

#### **Article 5 Effective Date**

Each of the modifications set forth in this Amendment shall be effective on and after the date of this Amendment.

#### **Article 6 Legal Effect**

Except as expressly modified by this Amendment, all of the terms and conditions of the Contract shall remain unchanged and in full force and effect.

*The remainder of this page is intentionally left blank.*

*Signatures are on next page.*

IN WITNESS WHEREOF, Contractor and City have executed this Amendment as of the date first referenced above.

<b>CITY</b>	<b>CONTRACTOR</b>
<b>San Francisco Municipal Transportation Agency</b>	<b>Eco-Counter Inc.</b>
_____ Tom Maguire Interim Director of Transportation	_____ Jean-Francois Rheault Director
Authorized By:	Eco-Counter Inc.
Municipal Transportation Agency Board of Directors	604-3981 Saint-Laurent Blvd. Montreal, QC
Resolution No: _____	H2W 1Y5, Canada
Adopted: _____	City Supplier number: <b>0000020975</b>
Attest: _____ Roberta Boomer, Secretary	
Approved as to Form:	
Dennis J. Herrera City Attorney	
By: _____	
Robert K. Stone Deputy City Attorney	

## **Appendix A-1: Equipment and System Maintenance**

### **A. Project Description**

1. The SFMTA obtained from Contractor three bicycle Barometers (Totems) and 72 automated Bicycle Counters, which are installed in bikeways throughout San Francisco. Bicycle Counters continuously measure cyclist volumes as bicycles pass over inductive loops in the roadway. The bicycle Barometers function as a Bicycle Counter, but also visually display count data for the public. In all Bicycle Counters, inductive loops, consisting of copper wire, are connected to a transducer, logger, modem and battery installed in a sidewalk pull box near the Counter. Said Data consists of the location of the counter, the date, number of cyclists and the date and time that the cyclists passed by the Counter. The Data is uploaded each day from the Counter via modem to an online database. The data is made available to the City via the Eco-Visio web platform and an API. The City can then make the data accessible to the public through their own resources. The data can also be archived, searched, sorted, analyzed and reported to provide the following functions:

- (a) track changes in bicycling patterns over time;
- (b) evaluate the impact of new bicycle facilities;
- (c) rank bicycle infrastructure locations by usage;
- (d) monitor seasonal and time-of-day variations in patterns of bicycle usage.

2. The purpose of this Contract will be to ensure that SFMTA Bicycle Counters System is continuously operational and accurately reports and records data for the Term of this Contract. Contractor shall provide equipment maintenance services for the City's 37 Bicycle Counters and three Barometers. The Services Contractor will provide include:

- (a) not less than one on-site physical scheduled service check for each Counter during the Base Term of the Contract (see Appendix C: Maintenance Service Schedule);
- (b) remote and on-site Bicycle Counter technical support and trouble-shooting;
- (c) verification of battery consumption levels for each Bicycle Counter and Barometer;
- (d) replacement of proprietary batteries;
- (e) replacement of Counter equipment and components as required by warranty or as otherwise necessary for the continued performance of the System;
- (f) summary log of Counter operational status; and
- (g) replacement parts.

3. To ensure proper quality assurance and quality control of services, Contractor shall use only skilled workers who are thoroughly trained and experienced in the necessary crafts methods for proper performance of the Services.

4. In addition to the Equipment Maintenance Services described herein, Contractor shall provide Software-as-a-Service (SaaS) and related data services as set forth in Appendix A-2.

## **B. Performance and Availability Standards**

Except as otherwise stated in this Contract, the Contractor shall ensure that the Bicycle Counters and Barometers/Totems meets the following Performance Standards for the term duration of this Contract:

1. Accuracy: A minimum of 90 percent of Counters and Totems shall be operational a minimum of 90 percent of the time (using a metric of 24 hours per day/7 days per week) during the each year of the Term of the Contract. Operational status being is defined as: 1) For Counters, data collection is fully functional (excluding automatic data transmission functionality) and 2) for the Totems, data collection and display at counting system is fully functional (excluding automatic data transmission functionality). Failure of the City to replace batteries or changed environmental conditions that impact the function of the Counters and Totems shall excuse failure to meet these standards.
2. The Bicycle Counter System as a whole, including the SaaS Services through Contractor's website, shall be available to the City 24 hours per day, seven days per week, excluding periods required for Contractor's maintenance of the SaaS. SaaS maintenance periods during which time the Bicycle Counter System is unavailable for City use shall not exceed two nonconsecutive Days in any month. Contractor shall whenever possible perform such maintenance services at night.
3. Responsiveness: Contractor shall respond within seven Days to a City communication regarding an Issue and attempt a remote troubleshoot within 14 Days.
4. Data Replication: Contractor shall provide near time replication of all data in a separate data center to allow for disaster recovery.

## **C. Maintenance Services.**

Contractor shall perform the following System maintenance and support services as more particularly described in the Tasks sections below.

1. Contractor shall use commercially reasonable efforts to provide the following support during Contractor's normal business hours (9 a.m. to 6 p.m. Eastern Standard Time): answering of telephone calls at a toll-free customer support telephone number (1-866-518-4404) and e-mail help@eco-counter.com.

2. City shall provide Contractor in writing with the name(s) and contact information of City's technical personnel who will liaison with Contractor regarding all technology-related matters. City may change such liaison(s) upon written notice to Contractor from time to time at reasonable intervals. Contractor shall not be obligated to provide support to any person other than the designated liaison(s).

3. Upon identification of an Issue in the Licensed Software, a malfunction in the Equipment or components, a problem in remotely accessing the online database, a malfunction in the Contractor's data discrepancy alert system, reports or data caused by Contractor, or other problems with respect to Contractor's provision of Services or Equipment or parts/components

hereunder, City shall promptly notify Contractor of such problems and provide Contractor with all information necessary for Contractor to locate and duplicate the problem. City agrees to provide Contractor with reasonable access (including, without limitation, remote access) to all necessary City personnel, facilities and equipment (including the Products) for the purpose of providing the support services hereunder.

4. For any Issue for which City has given Contractor notice under Section C.1, Contractor (or its service representative) shall during Contractor’s normal business hours, use commercially reasonable efforts to correct the Issue, including providing a temporary workaround if one is available and repairing or replacing the malfunctioning Equipment or component.

5. Contractor shall not be obligated to provide such support services if the Software, Equipment or component malfunction is not reproducible or is caused by (a) City’s negligence or misuse, accident, fire, variation or interruption of electricity; (b) to the extent performed by City or its representatives, failure to properly install, maintain or use the Equipment or component; (c) alterations made by anyone other than Contractor or its representatives to the Equipment or component or the hardware or software that interfaces with the Equipment or component after installation; (d) any attempt to service the Equipment or component that is not authorized by the Contractor or its service representatives (including the addition or removal of any third party hardware, peripherals or software); or (e) any software, equipment, or materials not approved or supplied by Contractor.

**D. Response to SaaS Issues.**

Contractor will provide verbal or written responses to SaaS Issues identified by City in an expeditious manner. Such responses shall be provided in accordance with the Target Response Times as set forth below.

<b>SaaS Severity Level</b>	<b><i>Target Response Time</i></b>
<p><b>SaaS Severity Level 1:</b> <i>Requires immediate attention– Critical production functionality is not available or a large number of users cannot access the SaaS Application. Causes a major business impact where service is lost or degraded and no workaround is available, therefore preventing operation of the business.</i></p>	<p><i>Request Response Time: One business day from notice.</i></p> <p><i>Request Resolution Time Target: One week from notice.</i></p> <p><i>Maximum Permitted Request Resolution Time: Two weeks from notice</i></p>
<p><b>SaaS Severity Level 2:</b> <i>Requires priority attention - Some important production functionality is not available, or a small number of users cannot access the system. Causes significant business impact where service is lost or degraded and no workaround is available, however the business can continue to operate in a limited fashion.</i></p>	<p><i>Request Response Time: One week from notice.</i></p> <p><i>Request Resolution Time Target: One month from notice</i></p> <p><i>Maximum Permitted Request Resolution Time: Two months from notice</i></p>

SaaS Severity Level	<i>Target Response Time</i>
<p><b>SaaS Severity Level 3:</b> <i>Requires attention –There is a problem or inconvenience. Causes a business impact where there is minimal loss of service and a workaround is available such that the system can continue to operate fully and users are able to continue business operations.</i></p>	<p><i>Request Response and Resolution Time: Next on-site Contractor Service Visit</i></p>

**E. Service Tasks**

**Task 1: Bike Counter Service Visits**

Contractor shall visit San Francisco every six months during the term of the Contract, as set out in the Maintenance Service Schedule at Appendix C to perform maintenance service visits to assess and troubleshoot the Bicycle Counter System equipment and components, and ensure that the System continues to operate within the Performance Standards stated above. Contractor shall perform biannual service checks for each of the 37 Counters and three Barometers during the term of the Contract in accordance with the Service Check Schedule set out below. During each service check, Contractor shall assess System settings; perform short (10-15 minutes minimum) verification counts, and make calibration adjustments appropriate to each inspected Counter to ensure Counter accuracy; inspect System connections and seals; verify loop condition and sealant condition; and, add sealant where Contractor has determined it is necessary. (The City shall provide traffic control when Contractor replaces sealant in the roadway.)

At Barometers, Contractor shall inspect displays and internal connections to ensure displays are functioning optimally. Contractor shall replace System components where the Contractor determines during a service check that a component is malfunctioning or when reported by City to be faulty. Contractor shall monitor battery consumption levels of the Logger and Sensor, either remotely or in person, during service checks, and replace batteries where Contractor has determined the battery’s remaining useful life is at or below 10 percent. Purchased batteries are warranted by Contractor for two years and batteries under warranty shall be replaced at a pro-rated cost. Batteries and other equipment shall be replaced by Contractor as needed, either per schedule or in response to operational problems observed by Contractor or City. Outside of Service Visits, the City will replace Counter with remote technical support from the Contractor. The City’s replacement of batteries shall not impair or void any warranty.

Contractor will be reimbursed for the costs of travel, such as hotel, meals and incidentals, at a daily rate not to exceed the current GSA per diem rate per person. Current GSA per diem rates can be found at: <https://www.gsa.gov/portal/content/104877>. Contractor must submit itemized receipts for all travel related expenses with the invoice. Contractor will not be reimbursed for alcohol or entertainment expenses. Contractor will make every attempt to obtain the most reasonable price for the cost of airfare and car rental. Contractor will also obtain pre-approval from City project manager for airfare or car rentals prior to purchase.

Contractor Service Visits shall consist of four days of maintenance and one day of work



on sites possibly requiring a U-ZELT. Maintenance shall include necessary upkeep, reinstallation assistance, on-site training, and review and recommendations regarding any findings. Work pertaining to the U-ZELT will include the identification and servicing of any bicycle counter site requiring a U-ZELT. Contractor will not be paid any overtime for performance of the Services.

Task 1 Deliverable: Perform Service Visits in accordance with the Maintenance Service Schedule set forth in Appendix C and replace and maintain System components and equipment as needed to ensure the System meets Performance Standards.

## **Task 2: Equipment Replacement & Service Ordering**

Contractor shall replace System equipment and components that are under warranty at no cost to City. A comprehensive list of equipment and components under warranty is provided in Appendix D, Equipment, “Miscellaneous Components Under Warranty,” and “Estimated Schedule for Battery Replacement.” Contractor shall replace equipment and miscellaneous components no longer under warranty at a cost not to exceed the schedule of prices in Appendix E, “Calculation of Charges for Equipment and Miscellaneous Components.” Prices shown in Appendix E shall be in effect for the Base Term of the Contract. Should City choose to execute the option to extend this Contract, Contractor shall provide an updated list of prices for City review and approval. Price increases shall not exceed CPI as published by the U.S. Department of Labor, Consumer Index of Prices for the San Francisco Bay Area, and shall be reflected in a revised Appendix E for any exercised option period. Contractor shall ensure all equipment and components, including new batteries, are shipped and available for installation during service checks described in Task 2. In the event that the costs of equipment and components needing replacement exceeds the cost budgeted within the Contract, SFMTA may in its sole discretion shift budget from another category in Appendix B – Calculation of Charges to support any necessary equipment replacements.

Contractor shall ship SFMTA Sign Shop, 1508 Bancroft Ave, San Francisco, CA 94124 ATTN: Robby Norwood. Small equipment (single items, excluding totems) may be shipped to SFMTA, 1 South Van Ness, San Francisco, CA 94103, ATTN: Jeffrey Banks.

Task 2 Deliverables:

- 2.1 Order and replace System equipment and miscellaneous components under warranty at no cost to City; and
- 2.2 Order and replace equipment and miscellaneous components not under warranty.

## **Task 3: Summary Log**

Contractor shall develop and maintain a log summarizing the operational status and repair history of the Counters visited during service checks and Counters with issues addressed remotely. Contractor shall use the log to record information related to this Services provided under this Contract. Contractor shall record the summary log as a Microsoft Excel spreadsheet, submit the log to City Project Manager on a quarterly basis, and record log information into the online database Eco-Visio within one month of Equipment, SaaS or other component failure or repair/replacement. The summary log shall include at minimum the following fields: date of log, date of on-site service check, date of remote check, Counter or Barometer location, issue

observed, action taken, date action taken, result(s) of action taken, and any required follow up.

Task 3 Deliverables:

- 4.1 Create and maintain MS Excel summary log of Counter operational status and repair history, and submit to City on a quarterly basis; and
- 4.2 Record summary log of Counter operational status and repair history in Eco-Visio on a monthly basis.

**Task 4: Remote Technical Support and Trouble-shooting**

Contractor shall provide remote troubleshooting and support when Counters require maintenance work outside of Contractor's on-site Service Visits. City will monitor data transmitted from Counters and report perceived problems with the Counters via email or phone to Contractor for resolution. Contractor shall provide remote diagnosis and troubleshooting support within one week of City communicating any equipment problem, and provide a resolution or a plan for addressing the problem during next Service Visit. Additionally, when Counters or Barometers are damaged during street work, City may be required to remove and re-install Counters or components. Should that occur, Contractor shall provide remote site planning and technical support to City, who will inform Contractor of re-installations requiring technical support.

Task 4 Deliverables:

- 4.1 Remote troubleshooting and support for maintenance or repairs performed outside of Contractor Service Visits; and
- 4.2 As-needed remote technical support during Counter re-installations or other equipment maintenance performed by City.

**Task 5: Progress Meetings & Training**

Contractor shall schedule and coordinate quarterly progress meetings via teleconference with City Project Manager. Contractor shall prepare and email a meeting agenda to City a minimum of three days in advance of the meeting date. Contractor shall take notes and email meeting minutes and action items to City within one week following the meeting date. As part of the progress meetings, Contractor shall report on its progress (including labor hours, expenses, and accomplishments) on project tasks and deliverables for review, input, and approval where applicable by City Project Manager. At minimum, Contractor Project Manager shall participate in each meeting.

Contractor shall provide web-based training on Systems operations and maintenance, including hardware and software, upon City's request or based on a need identified in writing by Contractor and pre-approved by City. Training sessions will be recorded and made available to SFMTA upon request. The Contractor will provide training at no charge to SFMTA for the duration of this Contract.

Task 5 Deliverables:

- 5.1 Quarterly phone conferences, agendas, preparation and distribution of meeting minutes; and
- 5.2 As-needed web-based trainings.

All written Deliverables performed under this scope of work, including any copies, shall be submitted on recycled paper and printed on double-sided pages to the maximum extent possible.

**Task 6: Logger and Sensor Firmware Updates**

During Contractor's service checks described in the Contract SFMTA-2017-28, Appendix A-1, E, Task 1, Bike Counter Service Checks (Maintenance Visits), Contractor shall update logger and/or sensor firmware, and retrieve data in the field when a counter has failed, or malfunctioned, and cannot transmit data to the online database. Data retrieval is achieved via proprietary software.

Task 6 Deliverable: Update logger and/or sensor firmware and retrieve data during service checks.

**Task 7: Data Reconstruction**

Contractor shall reconstruct lost data using interpolation methods. For counter equipment under warranty, Contractor shall provide data reconstruction at no cost to the City when data is lost due to Contractor or manufacturing error (unrelated to vandalism). For equipment no longer under warranty, Contractor shall reconstruct data lost due to vandalism, damaged loops, equipment failure, power outages or other unexplained phenomena at a cost set forth in Appendix B, Calculation of Charges. Within the online database, bike counter data shall be continuous for each counter for the duration of the contract and any gaps in data shall be reconstructed on a monthly basis, on the first day of the following month. The Contractor will flag all reconstructed data on a monthly basis. A comprehensive list of warranty expiration dates is provided in Contract SFMTA-2017-28, Appendix D, Equipment and Miscellaneous Components under Warranty. It is important to note that the longer the data gap, the less accurate the reconstruction will be. SFMTA's response time to troubleshooting needs outside of Contractor visits will therefore have an impact on reconstructed data quality.

Task 7 Deliverables:

- 7.1 Reconstruct data lost due to system failure where counters are still under warranty or due to Contractor error regardless of warranty at no cost to City; and
- 7.2 Reconstruct data lost due to vandalized or damaged equipment, system failure or unexplained phenomena.

### **Task 8: Automatic Data Transmission Subscription (GSM Subscription)**

Contractor shall provide an annual subscription for automatic data transmission. The subscription will allow for an automatic data transmission on a daily basis through the cellular network using an activated GSM modem. This service shall provide access to up-to-date data and access to Contractor's data discrepancy alert system.

Task 8 Deliverable: Annual subscription for automatic data transmission through the cellular network using an activated GSM modem.

### **Task 9: Weather Data Setup**

Contractor shall link all counter data with local weather data on their proprietary online database, Eco-Visio. This is a one-time cost to link all bike counters and barometers owned by the City with weather data.

Task 9 Deliverable: Connect all bicycle counters and barometers to "Eco-Visio Weather."

### **Task 10: Application Programming Interface (API) Service**

The Contractor shall provide API Service for the duration of the contract and provide technical support to accommodate the City's protocols for data. The Contractor shall meet with City Staff during service checks, per SFMTA-2017-28, Appendix A-1, E, Task 1, Bike Counter Service Checks (Maintenance Visits), to assure successful data integration.

Task 10 Deliverable: Provide API Service

**III. Reports.** Contractor shall submit written reports as requested by the SFMTA. Format for the content of such reports shall be determined by the SFMTA. The timely submission of all reports is a necessary and material term and condition of this Contract. Contractor shall submit reports via email to City Project Manager, and Contractor shall confirm SFMTA receipts. If City Project Manager has requested hard copies via US Postal Service, the reports, including any copies, shall be submitted on recycled paper and printed on double-sided pages to the maximum extent possible.

### **IV. Department Liaison**

In performing the Services provided for in this Contract, Contractor's liaison with the SFMTA will be Jeffrey Banks.

**Appendix B:  
Calculation of Charges**

The City can also schedule a visit from the Contractor outside of biannual visits. In such event, the Contractor will charge a \$1,500 flat fee and \$1,500 per day in the field.

Deliverables shall be paid as a one-time lump sum upon completion of the deliverable at the fixed price set forth below, unless a “Unit Cost” is indicated below. Where unit cost is indicated, costs incurred shall be monitored by Contractor and shall not exceed the total budget per year.

<b>Equipment Maintenance Services</b>					
<b>Task/Deliverable</b>	<b>Year 1</b>		<b>Year 2</b>		<b>TOTAL Not-to-Exceed</b>
	<b>Unit Cost Not-to-Exceed</b>	<b>Total</b>	<b>Unit Cost Not-to-Exceed</b>	<b>Total</b>	
<b>Task 1: Bike Counter Service Checks (Maintenance Visits)</b>					
Deliverable 1.1: Visit each Counter and Barometer at least once during two-year Contract to perform a service check, including equipment maintenance replacement	\$15,000 for first visit \$7,500 for second visit; both visits include \$100 per hour for services	\$22,500	\$7,500 per biannual visit	\$15,000	\$37,500
<b>Task 2: Equipment Replacement &amp; Service Ordering</b>					
Deliverable 2.1: Order and replace equipment and miscellaneous components under warranty at no cost to City	\$0	\$0	\$0	\$0	\$0
Deliverable 2.2: Order and replace equipment and miscellaneous components not under warranty	Budget Details and Item prices per Appendix E, Calculation of Charges for Equipment and Miscellaneous Components				\$30,000

<b>Task 3: Summary Log</b>					
Deliverable 3.1: Create and maintain MS Excel summary log of Counter operational status and repair history, and submit to City on a quarterly basis	\$500 per quarter	\$2,000	\$500 per quarter	\$2,000	\$4,000
Deliverable 3.2: Record summary log of Counter operational status and repair history in Eco-Visio	Contractor shall perform this work as part of the fee for Deliverable 4.1				
<b>Task 4: Remote Technical Support and Trouble-shooting</b>					
Deliverable 4.1: Remote troubleshooting and support for maintenance or repairs performed outside of Contractor Service Visits	\$100 per hour (No charge beyond 15 hours)		\$100 per hour (No charge beyond 15 hours)		\$3,000
Deliverable 4.2: As-needed remote technical support during Counter re-installations or other equipment maintenance performed by City	\$0 per hour		\$0 per hour		\$0
<b>Task 5: Progress Meetings &amp; Training</b>					
Deliverable 5.1: Quarterly phone conferences, agendas, preparation and distribution of meeting minutes	\$300 per meeting	\$1,200	\$300 per meeting	\$1,200	\$2,400
Deliverable 5.2: As-needed web-based trainings	Contractor provides training at no charge to SFMTA				\$0
<b>TOTAL COST NOT-TO-EXCEED</b>					<b>\$73,200</b>

<b>Software License, Support and Maintenance Services</b>					
<b>Task/Deliverable</b>	<b>Year 1</b>		<b>Year 2</b>		<b>TOTAL</b>
	<b>Unit Cost</b>	<b>Total</b>	<b>Unit Cost</b>	<b>Total</b>	
<b>Task 1: Logger and Sensor Firmware Updates</b>					
Deliverable 1.1: Update logger and/or sensor firmware and retrieve data during service checks	\$0 per biannual visit	\$0	\$0 per biannual visit	\$0	\$0
<b>Task 2: Data Reconstruction</b>					
Deliverable 2.1: Reconstruct data lost due to system failure where counters are still under warranty or due to Contractor error regardless of warranty at no cost to City	\$0	\$0	\$0	\$0	\$0
Deliverable 2.2: Reconstruct data lost due to vandalized or damaged equipment, system failure or unexplained phenomena.	\$100 per hour	\$1,500	\$100 per hour	\$1,500	\$3,000
<b>Task 3: Automatic Data Transmission Subscription (GSM Subscription)</b>					
Deliverable 3.1: Annual subscription for automatic data transmission through the cellular network using an activated GSM modem	\$27,280 lump sum per year		\$26,685 lump sum per year		\$53,965
<b>Task 4: Weather Data Setup</b>					
Deliverable 4.1: Connect all Counters to “Eco-Visio Weather”	\$480 one time lump sum				\$480
<b>Task 5: Application Programming Interface (API) Service</b>					
Deliverable 5.1: API Service	\$4,440 lump sum per year		\$6,290 lump sum per year		\$10,730
<b>TOTAL NOT-TO-EXCEED COST</b>					<b>\$68,175</b>

<b>Equipment Maintenance Services</b>					
<b>Task/Deliverable</b>	<b>Year 3 (Option Year 1)</b>		<b>Year 4 (Option Year 2)</b>		<b>TOTAL Not-to- Exceed</b>
	<b>Unit Cost Not-to- Exceed</b>	<b>Total</b>	<b>Unit Cost Not-to-Exceed</b>	<b>Total</b>	
<b>Task 1: Bike Counter Service Checks (Maintenance Visits)</b>					
Deliverable 1.1: Visit each Counter and Barometer at least once during two-year Contract to perform a service check, including equipment maintenance replacement	\$7,500 per biannual visit + \$1,350 for 1 additional day to identify UZELT sites <sup>1</sup> .	\$17,700	\$7,500 per biannual visit + \$1,350 for 1 additional day for planned equipment swaps <sup>1</sup> .	\$17,700	\$35,400
<b>Task 2: Equipment Replacement &amp; Service Ordering</b>					
Deliverable 2.1: Order and replace equipment and miscellaneous components under warranty at no cost to City	\$0	\$0	\$0	\$0	\$0
Deliverable 2.2: Order and replace equipment and miscellaneous components not under warranty	Details and Item prices in Appendix E of SFMTA Contract No. 2017-28. Increased total budget aims to include and necessary UZELT replacements. <sup>2</sup>				\$23,562

<sup>1</sup>. Contractor Service Visits shall consist of four days of maintenance and one day of work on sites possibly requiring a U-ZELT. Maintenance shall include necessary upkeep, reinstallation assistance, on-site training, and review and recommendations regarding any findings. Work pertaining to the U-ZELT will include the identification and servicing of any bicycle counter site requiring a U-ZELT. Contractor will not be paid any overtime for performance of the Services.

<sup>2</sup>. An upgrade to the U-ZELT logger is required at 6 sites. This is due to external environmental interference. At \$1,550 each, the total hardware cost is \$9,300. A 10% discount has been negotiated for and applied to this line item.



<b>Task 3: Summary Log</b>					
Deliverable 3.1: Create and maintain MS Excel summary log of Counter operational status and repair history, and submit to City on a quarterly basis	\$300 per quarter	\$1,200	\$300 per quarter	\$1,200	\$2,400
Deliverable 3.2: Record summary log of Counter operational status and repair history in Eco-Visio	Contractor shall perform this work as part of the fee for Deliverable 4.1				
<b>Task 4: Remote Technical Support and Trouble-shooting</b>					
Deliverable 4.1: Remote troubleshooting and support for maintenance or repairs performed outside of Contractor Service Visits	\$0		\$0		\$0
Deliverable 4.2: As-needed remote technical support during Counter re-installations or other equipment maintenance performed by City	\$0 per hour		\$0 per hour		\$0
<b>Task 5: Progress Meetings &amp; Training</b>					
Deliverable 5.1: Quarterly phone conferences, agendas, preparation and distribution of meeting minutes	\$0	\$0	\$0	\$0	\$0
Deliverable 5.2: As-needed web-based trainings	Contractor provides training at no charge to SFMTA				\$0
<b>TOTAL COST NOT-TO-EXCEED</b>					<b>\$61,362</b>

<b>Software License, Support and Maintenance Services</b>					
<b>Task/Deliverable</b>	<b>Year 3 (Option Year 1)</b>		<b>Year 4 (Option Year 2)</b>		<b>TOTAL</b>
	<b>Unit Cost</b>	<b>Total</b>	<b>Unit Cost</b>	<b>Total</b>	
<b>Task 1: Logger and Sensor Firmware Updates</b>					
Deliverable 1.1: Update logger and/or sensor firmware and retrieve data during service checks	\$0 per biannual visit	\$0	\$0 per biannual visit	\$0	\$0
<b>Task 2: Data Reconstruction</b>					
Deliverable 2.1: Reconstruct data lost due to system failure where counters are still under warranty or due to Contractor error regardless of warranty at no cost to City	\$0	\$0	\$0	\$0	\$0
Deliverable 2.2: Reconstruct data lost due to vandalized or damaged equipment, system failure or unexplained phenomena.	\$15,200	\$15,200	\$15,200	\$15,200	\$30,400
<b>Task 3: Automatic Data Transmission Subscription (GSM Subscription)</b>					
Deliverable 3.1: Annual subscription for automatic data transmission through the cellular network using an activated GSM modem	\$13,776 per year <sup>3</sup>		\$13,776 per year <sup>3</sup>		\$27,552
<b>Task 5: Application Programming Interface (API) Service</b>					
Deliverable 5.1: API Service	\$650 lump sum per year		\$650 lump sum per year		\$1,300
<b>TOTAL NOT-TO-EXCEED COST</b>					<b>\$59,252</b>

<sup>3</sup>. Automatic Data Transmission is \$420 per year, per counter. For a quantity of 40 counters, this is \$16,800. An 18% discount has been negotiated for and applied to this line item.

<b>TOTAL NOT-TO-EXCEED CALCULATION OF CHARGES</b>	
<b>Equipment Maintenance Services (Year 1 and Year 2)</b>	<b>\$ 73,200</b>
<b>Equipment Maintenance Services (Year 3 and Year 4)</b>	<b>\$ 61,362</b>
<b>Software License, Support and Maintenance (Year 1 and Year 2)</b>	<b>\$ 68,175</b>
<b>Software License, Support and Maintenance (Year 3 and Year 4)</b>	<b>\$ 59,252</b>
<b>TOTAL NOT-TO-EXCEED COST</b>	
	<b>\$261,989</b>

No invoices for Services provided by law firms or attorneys, including, without limitation, as subcontractors of Contractor, will be paid unless the provider received advance written approval from the City Attorney.

Should City choose to execute the option to extend this Contract, Contractor may provide an updated list of charges for City review and approval. Price increases shall not exceed CPI as published by the U.S. Department of Labor, Consumer Index of Prices for the San Francisco Bay Area.

**Appendix C:  
Maintenance Services Schedule**

<b>Maintenance Visit</b>	<b>2019-2020</b>	<b>2020-2021</b>
1st biannual visit	July – December 2019	September – November 2020
2nd biannual visit	April – July 2020	April – June 2021

**Appendix E:  
Price List for Equipment and Miscellaneous Components**

<b><u>A. Replacement Parts Price List</u></b>		
<b>Item</b>	<b>Product Code</b>	<b>Price</b>
<b>Data Logger</b>		
Combo 2 data logger 3G	BCB2E3GPIN00	\$1,543
Eco-Combo 1 GSM Logger for Manhole	BCB1BGPPIN00	\$1,543
<b>Sensors</b>		
ZELT Selective Sensor - 4 Loops + RJ45 Connector	XZES4	\$1,550
ZELT Greenways Sensor - 4 Loops + RJ45 Connector	XZE4	\$1,550
ZELT Selective Sensor - 2 Loops + RJ45 Connector	XZES2	\$1,050
ZELT Greenways Sensor - 2 Loops + RJ45 Connector	XZE2	\$1,050
Sensor - 4 ZELT Selective for Cycles	ZES4	\$1,500
Sensor - 2 ZELT Selective for Cycles	ZES2	\$837
Sensor - 2 ZELT Greenways for Cycles	ZE2	\$837
U-ZELT Sensor 4 loops	UZELT4B	\$1,550
U-ZELT Sensor 8 loops	UZELT8B	\$2,350
<b>Batteries</b>		
Double Battery Pack - ZELT + GSM - 4-Pin Connector (Red Disk)	899	\$225
Battery Pack - Sensor + GSM - 4-Pin Connector (Red Disk)	898	\$125
Battery Pack - Urban Post+ZELT - Blue Bucc. Connector (Double Waterproof Cylinder)	744	\$125
Battery Pack - Eco-Pilot GSM - Blue Bucc. Connector (Single Waterproof Cylinder)	739	\$75
Battery Pack - ZELT + GSM - Blue Bucc. Connector (Red Disk)	736	\$125
<b>Miscellaneous</b>		
Raygel Waterproof Connection Cover	510	\$35
Multistranded Cable for ZELT	172	\$45
15-minute interval data recording	753	\$200
<b>Totem Parts</b>		
Tamper Torx Wrench TT20 (T20H) for Totem	563	\$10
Replacement Mounting Base	620	\$692
Replacement Display Foam Gasket (per Yard)	1057	\$12
Replacement Panel + Transit	1063	\$1,375
Bargraph Interface Component	1082	\$12
Replacement Bargraph Display	1117	\$1,675
Replacement 6 Digit Display	1118	\$1,000
Motherboard for Eco-Totem with 3G Modem	1119	\$804
Replacement Date/Time Display	1127	\$434
3G/GSM Modem for Eco-Totem Motherboard	1181	\$201
Replacement Backlight Kit for Eco-Totem	1350	\$388
Replacement gasket kit	1393	\$113
Eco-Combo 2 3G for Eco-TOTEM	BCB2E3GPVC00	\$1,286

<b>Shipping and Miscellaneous Services</b>		
Shipping Cost for Eco-Totem	1458	\$2,000
Shipping Cost for Eco-Totem	SH96966666	\$15 TO \$500
Extra Charge for Buccaneer Socket Replacement	SSO00003	\$49
Battery change for Combo	SSO00005	\$100
Extra Charge for RJ45 Socket Replacement on Combo	SSO00013	\$49
Extra Charge for RJ45 Socket Replacement on ZELT	SSO00013	\$49
Eco-Visio PROFESSIONAL Account, Automatic Data Transmission, and Eco-Alert Service (1 year)	831	\$420
Monthly Eco-Visio License, Automatic Data Transmission & Eco-Alert Service (1 month)	850	\$35
<b><u>B. System Packages</u></b>		
<b>Item Type</b>	<b>Product Code</b>	<b>2019 Price</b>
<b>TYPE A: 4-loop Greenways system</b>		
Combo 2 data logger 3G	BCB2E3GPIN00	\$1,543
ZELT Greenways Sensor - 4 Loops + RJ45 Connector	XZE4	\$1,550
Double Battery Pack - ZELT + GSM - 4-Pin Connector (Red Disk)	899	\$225
Raygel Waterproof Connection Cover	510	\$35
Multistranded Cable for ZELT	172	\$45
Cost of new Counter package		<b>\$3,525</b>
<b>TYPE B: 2-loop Greenways system</b>		
Combo 2 data logger 3G	BCB2E3GPIN00	\$1,543
ZELT Greenways Sensor - 2 Loops + RJ45 Connector	XZE2	\$1,050
Battery Pack - Sensor + GSM - 4-Pin Connector (Red Disk)	898	\$125
Raygel Waterproof Connection Cover	510	\$35
Multistranded Cable for ZELT	172	\$45
Cost of new Counter package		<b>\$3,025</b>
<b>TYPE C: 4-loop Selective system</b>		
Combo 2 data logger 3G	BCB2E3GPIN00	\$1,543
ZELT Selective Sensor - 4 Loops + RJ45 Connector	XZES4	\$1,550
Double Battery Pack - ZELT + GSM - 4-Pin Connector (Red Disk)	899	\$225
Raygel Waterproof Connection Cover	510	\$35
Multistranded Cable for ZELT	172	\$45
Cost of new Counter package		<b>\$3,525</b>
<b>TYPE D: 2-loop Selective system</b>		
Combo 2 data logger 3G	BCB2E3GPIN00	\$1,543
ZELT Selective Sensor - 2 Loops + RJ45 Connector	XZES2	\$1,050
Battery Pack - Sensor + GSM - 4-Pin Connector (Red Disk)	898	\$125
Raygel Waterproof Connection Cover	510	\$35
Multistranded Cable for ZELT	172	\$45
Cost of new Counter package		<b>\$3,025</b>

<b>TYPE E: 2-loop Selective system (old 2G logger)</b>		
Eco-Combo 1 GSM Logger for Manhole	BCB1BGPPIN00	\$1,543
Sensor - 2 ZELT Selective for Cycles	ZES2	\$837
Battery Pack - Sensor + GSM - 4-Pin Connector (Red Disk)	898	\$125
Raygel Waterproof Connection Cover	510	\$35
Multistranded Cable for ZELT	172	\$45
Cost of new Counter package		<b>\$3,025</b>
<b>TYPE F: 2-loop Greenways system (old 2G logger)</b>		
Eco-Combo 1 GSM Logger for Manhole	BCB1BGPPIN00	\$1,543
Sensor - 2 ZELT Greenways for Cycles	ZE2	\$837
Battery Pack - Sensor + GSM - 4-Pin Connector (Red Disk)	898	\$125
Raygel Waterproof Connection Cover	510	\$35
Multistranded Cable for ZELT	172	\$45
Cost of new Counter package		<b>\$3,025</b>
<b>TYPE G: 4-loop Selective system (old 2G logger)</b>		
Eco-Combo 1 GSM Logger for Manhole	BCB1BGPPIN00	\$1,543
Sensor - 4 ZELT Selective for Cycles	ZES4	\$1,500
Battery Pack - Sensor + GSM - 4-Pin Connector (Red Disk)	898	\$125
Raygel Waterproof Connection Cover	510	\$35
Multistranded Cable for ZELT	172	\$45
Cost of new Counter package		<b>\$3,025</b>
<b>TYPE H: 2-loop Easy-ZELT system</b>		
Combo 2 data logger 3G	BCB2E3GPIN00	\$1,543
ZELT Greenways Sensor - 2 Loops + RJ45 Connector	XZE2	\$1,050
Battery Pack - Sensor + GSM - 4-Pin Connector (Red Disk)	898	\$125
Easy-ZELT steel box + chain + padlock	753	\$600
Easy-ZELT Loop (\$175 each, quantity 2)	795	\$350
Cost of new Counter package		<b>\$3,975</b>
<b>TYPE I: 4-loop Easy-ZELT system</b>		
Combo 2 data logger 3G	BCB2E3GPIN00	\$1,543
ZELT Greenways Sensor - 4 Loops + RJ45 Connector	XZE4	\$1,550
Battery Pack - Sensor + GSM - 4-Pin Connector (Red Disk)	898	\$125
Easy-ZELT steel box + chain + padlock	753	\$600
Easy-ZELT Loop (\$175 each, quantity 2)	795	\$350
Cost of new Counter package		<b>\$4,475</b>



ERT\_Determination\_  
Bicycle Counter Maint