

APPENDIX 4

CITY OF LAKE ELSINORE

This Appendix 4 to Agreement ("Appendix") by and between WRCOG, Consultant, and CITY OF LAKE ELSINORE ("Member Agency") is made and entered into this _____ day of _____ 2023. WRCOG, Consultant, and Member Agency are referred to herein as Parties.

1. Defined Terms. All terms used herein have the meanings ascribed to them in the Professional Services Agreement between WRCOG and Consultant dated October 2, 2023, with the exception of the term Member Agency, which for the purposes of this Appendix will refer to the City of Lake Elsinore only.

2. Agreement Incorporated. The terms and provisions of the Agreement are hereby incorporated into this Appendix.

3. Member Agency Exhibits. The Parties hereby agree that the Scope of Services and Compensation for the Project as it relates to Member Agency are defined specifically in Exhibits A and B, attached hereto and incorporated herein by this reference.

WESTERN RIVERSIDE COUNCIL
OF GOVERNMENTS

Yunex, LLC

By: _____
Dr. Kurt Wilson
Executive Director

By: _____
Title: _____

APPROVED AS TO FORM:

ATTEST:

By: _____
General Counsel
Best Best & Krieger LLP

By: _____
Its: _____

CITY OF LAKE ELSINORE

APPROVED AS TO FORM

By: _____
Jason Simpson, City Manager

By: _____
City Attorney

ATTEST:

By: _____
City Clerk

EXHIBIT "A"

SCOPE OF SERVICES

Understanding of the Project

It is our understanding that WRCOG is seeking a qualified firm to provide Streetlight Operation & Maintenance Services. The selected service company will be responsible for providing a continuing, comprehensive, response program for the Member Agency streetlights. The Member Agencies expectation is that the contractor will help reduce complaints, promote safety, and proactively extend the longevity of the Member Agencies streetlight equipment, thus reducing the overall operating cost.

We understand that the general Scope of Work to be done consists of scheduled and unscheduled repairs to the Member Agencies streetlight systems. Yunex Traffic will have available and readily accessible, qualified personnel, tools, equipment, facilities, and material required to perform all work necessary for the maintenance of WRCOG's streetlight systems, as outlined in the Scope of Work and in compliance with current Member Agency and State standards.



Approach / Response Times

To be able to respond immediately to emergency calls, Yunex Traffic's field technicians are authorized to take their work vehicles home daily. All work vehicles are stocked with proper field equipment so he/she may sufficiently address most problems they encounter while responding.

Emergency response call outs and unscheduled repairs are initiated by calling our toll-free emergency phone number, **1-800-229-6090**. A live dispatcher will be available 24 hours a day, 7 days per week, 365 days per year. Our dispatcher will create a work order in our visual planning board and once the work order is released, it will immediately transfer to our technician's queue on their mobile device. As part of our quality control practice, our dispatcher will follow up with a phone call to our technician to confirm that they are in receipt of the call out/work order. For emergency calls, the technician will arrive at the site **within one (1) hour** to assess and correct the reported problem. Once the problem is corrected, the technician will inform our WRCOG representative of the repair actions.

Scope of Work

It is always the goal of Yunex Traffic to tailor our services around our customer's needs. We understand that throughout the term of a contract, those needs may change. We approach all our contracts with the same vision; build a partnership with WRCOG staff and work towards achieving common goals set forth through that partnership. We realize that this is an ever-evolving process and that is why we believe that the only successful route is through establishing common goals. This methodology and a commitment to service will be applied to every aspect of our services for WRCOG.

Yunex Traffic will be available to provide emergency/non-emergency streetlight related issues such as downed streetlight poles, luminaires/photocontrols not functioning, wiring issues, and other operational equipment related issues.

Yunex Traffic will perform the following tasks and activities as it relates to the maintenance of

the streetlight system (36,231poles & 36,554 luminaires):

Customer Service – Provide and administer a customer service center including, at a minimum, a toll-free phone number and website to allow WRCOG and the public to report any streetlight issues (e.g., outages, knockdowns, etc.). Separately, provide a maintenance website for WRCOG staff to access. This will provide WRCOG an up-to-date summary of current and completed tasks. Yunex will use and provide an Online Maintenance System with free access to designated WRCOG staff members. The entire online system will be a real-time system. System functionality will include but not be limited to the following items:

- Work order tracking
- Work order status updates
- Asset and equipment management
- Maintenance requests
- Maintenance checklists that are maintained and updated regularly

GIS Update - Update WRCOG's GIS mapping system when new poles are replaced or added to the streetlight system.

Reports - Monthly and quarterly streetlight system reviews and reports, including outage/failure rate, knockdowns, and suggested repairs.

Meetings – Coordinate and attend regular meetings to review outstanding issues and work orders, including discussion of any billing or contract management issues.

Coordination with Outside Entities – Coordinate electrical service repairs/restoration with SCE as well as coordinate with WRCOG Staff, residents, and businesses, as-needed, for difficult to access lights.

Traffic Control – Employees are trained and certified in temporary traffic control measures, which are compliant with the California Manual of Uniform Traffic Control Devices (CA MUTCD).

Warranty Claims – Administer services for all warranty claims on behalf of the Member Agency for any luminaires, photocells, or similar streetlight equipment (smart nodes, detection devices, etc.)

Streetlight Pole Knockdowns – Respond to all calls of poles that have been knocked down, implement traffic control, confirm electrical lines are made safe, cut downed pole/luminaire arm, remove from location, and clean up all debris.

Streetlight Pole Replacement - Replacement poles will be replaced within 14 business days of reporting.

Quarterly Streetlight System Reviews (Night Inspection) – Nighttime lighting surveys will be conducted of all Member Agency owned streetlights to identify any streetlights that are non-functioning. Upon completion of such nighttime survey, Yunex will provide a report to the Member Agency of all system activity, condition, issues found, and planned or completed repairs. The report will include the nearest street address and pole number. Nighttime Lighting Surveys will be completed quarterly.



Annual Painting of Metal Poles – Provide metal pole painting based upon Member Agency approval.

LED Replacement – Replacement of LED streetlights that have been inoperative by virtue of failure. Replacement will occur within three (3) business days from notification of Yunex by Member Agency. If the cause of failure is covered under manufacture warranty, Yunex will be responsible for warranty management of defective LED fixtures which includes all aspects related to standard warranty practices. Yunex will notify the Member Agency of any undue delays in response due to the manufacturer.

LED Retrofit & Pole Tagging – Provide LED retrofit and/or pole identification tag installation services for cobra head and/or decorative streetlights.

Removal and Disposal – Provide removal and disposal services of all damaged/discarded materials. Disposal services will follow the California Recycle and Disposal Laws.

Furnish and Install House-Side Shields – Provide and install house-side shields when requested to do so by any Member Agency.

Provide a Storage Facility – Yunex's local storage facility is conveniently located in the City of Riverside, which is within minutes of each Member Agency. We have been utilizing this location to service this contract since being awarded this contract.

Compliance with all Laws – Yunex is familiar with all federal, state, and local laws and regulations regarding the Scope of Work, and follows wage and labor laws, OSHA requirements, and appropriate safety measures.

Troubleshooting – Diagnose and repair any Member Agency owned inoperable streetlights. Repairs will be completed within three (3) working days or less.

Spare Inventory – Yunex will warehouse sufficient spare inventories such as poles, luminaires, ballasts, photocells, nodes, fuse holders, fuses, wire, pull box lids, hand hole covers, electrical services, pole identification tags, and other electrical components.

Extraordinary, Emergency, and After-hours Maintenance - For streetlight maintenance issues that fall outside of the standard maintenance scope above, Yunex will provide services billed on a time & materials basis. Example of Extraordinary, Emergency, and After-hours Maintenance includes the following: traffic accidents, tree fall or power surges that may occur, resulting in the streetlights being damaged and needing to be replaced, though the frequency may vary considerably. All Extraordinary, Emergency, and After-hours Maintenance work must be preapproved by the Member Agency prior to the work being completed.

The following items have specifically been identified as, but are not limited to, Emergency and after-hours maintenance:

- Emergency response - 24 hours and day 7 days a week



- Streetlight pole knockdown response
- Damaged/leaning poles
- Luminaire repairs or replacement
- Photocell replacement
- Fuse and/or fuse holder replacement
- False calls
- Wiring replacement
- Pole graffiti abatement
- Pole painting
- House side shield purchase and installation

Additional offerings available to WRCOG:

USA Dig Alert Services

Yunex Traffic will respond to all Underground Service Alert (USA) requests/notices or at the request of Member Agency staff for the marking and protection of streetlight underground facilities such as electrical conduits, safety light conduits, and other appurtenant equipment which might conflict with other right-of-way construction or repairs. Our **own in-house** technicians are equipped and certified with the proper locating devices provided by Metrotech.



On-Line Portal (Service Business Platform @ITS)

Yunex Traffic has rolled out a new service tool called SBP (Service Business Platform), which is a proprietary management system designed to effectively manage all service order progress, remotely update our ERP system (SAP) and as work is performed.

SBP allows us to monitor many key performance items such as time arrived onsite, time of completion, materials used, and vehicle/equipment used.

SBP keeps historical records for every location which allows the technicians an additional resource when troubleshooting.

When creating a new service request, the SBP will query the location history and will flag the order if it is a repeated call out or duplicate order.

Technicians transmit response and routine maintenance items in real-time using IOS or Android devices.

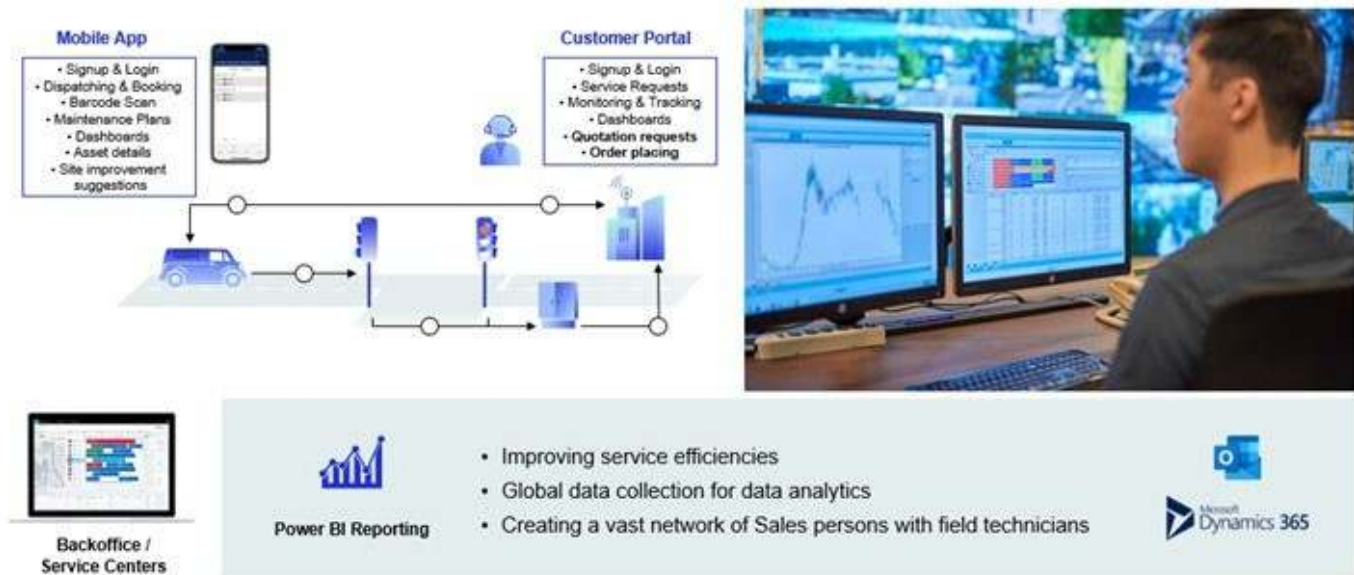
The contractual Scope of Work and all maintenance activities are also available for technicians to review to ensure all tasks are completed within the specified timeframe.

Customer specific checklists for routine preventative maintenance will be available to the technicians so all required tasks are completed, per your Scope of Work.

Service Management Tool @YUNEX = SBP

One modern platform to support the global service team and our customers

YUNEX
TRAFFIC



3:35

5G

Discard

Monthly Routine Maintenance Checklist

Save

Monthly Routine Maintenance Checklist

* Required

Monthly Routine Maintenance Checklist

1. Air Filter *

Clean or replace the air filter element in controller cabinet. Replace the Air Filters at least once each (6) Months or unless otherwise approved by the Traffic Engineer.

☒ Cleaned Air Filter
 ☐ Replaced Air Filter

2. Controller Cabinet Exterior *

Remove any posters, signs and/or graffiti, etc. from the controller and service cabinet exteriors.

☒ Task Completed
 ☐ Other (describe)

3. Controller Cabinet & A/C Service Cabinet Interior *

Clean the traffic signal cabinets and a/c service cabinet thoroughly on the inside, including all components and any foreign materials.

☐ Is Controller Cabinet Clean

2:03

Signal in Red Flash

TS Spruce / Elm

Timestamp

Products

Time Entries

Controlling

BING MAP

Get Directions

Ruth Mussler Middle School

Mountain View Dr

Weybridge Dr

Countryview Dr

Elm Avenue Rancho Cucamonga CA 91730 United States

Save

Save & Close

Clone Booking

More

3:37

5G

Discard

Monthly Routine Maintenance Checklist

Save

3. Controller Cabinet & A/C Service Cabinet Interior *

Clean the traffic signal cabinets and a/c service cabinet thoroughly on the inside, including all components and any foreign materials.

☒ Is Controller Cabinet Clean
 ☒ Is Service Cabinet Clean

4. Controller Cabinet Fan *

Verify that the cabinet fan operates properly with a minimum of noise.

☐ Confirmed Proper Operation
 ☒ Other (describe)

Fan needs to be replaced.

5. Thermostat *

Verify that the cabinet fan thermostat is set at one hundred (100) degrees Fahrenheit.

☒ Confirmed Proper Setting and Operation
 ☐ Other (describe)

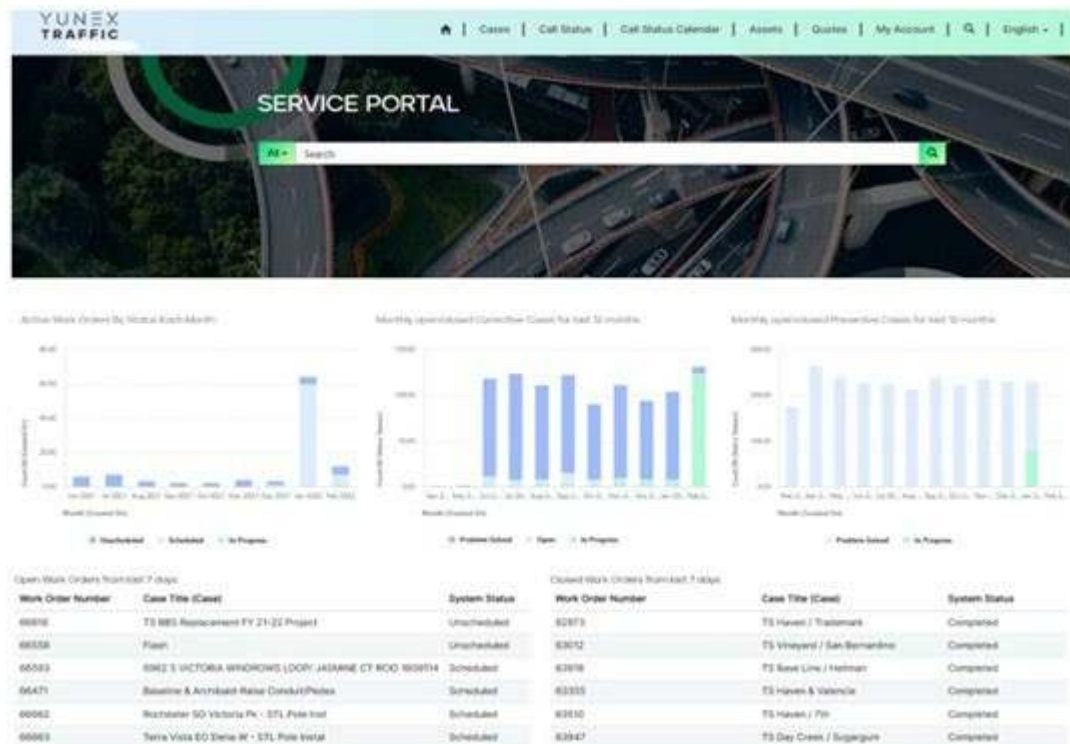
6. Controller Cabinet Vents

Check the vents in both the controller cabinet door and above the door at the top of the cabinet to ensure that

Customer Portal

The SBP Customer Portal gives our customers access to:

- Monitor real-time status of routine maintenance and service calls
- Location history (sort/filter by date, location, call type, etc.)
- Overall historical maintenance and repair data
- Real-time equipment inventories, maps, and event reporting
- Asset management (including digital photographs, GIS data, etc.)



SBP Customer Service - Work Order Details

Portal - All Work Orders Search Work Order

Work Order Number ↑	Case Title (Case)	Priority	System Status	Customer Asset	SAP Service Order Number
66347	S/H HANGING BY WIRES	Normal	Completed	TS Hermosa / Feron	005004285877
66367	ROCHESTER /VPL NB POLE KD	Normal	Completed	Street Light - Generic 2600117715	005004285897
66375	SB ISNS HANGING	Normal	Completed	TS Foothill / Etiwanda	005004285906
66402	NWC NB L/T 10' GRN B/O	Normal	Completed	TS Arrow / Vineyard	005004285934
66412	FLASH	Normal	Completed	TS Base Line / Rochester	005004285944
66471	Baseline & Archibald-Raise Conduit/Pedes	Low			
66517	Flash	High			
66551	SB OH green stuck on	High			
66553	Check WB detection	High			
66558	Flash	High			

Home > SBP Customer Service > Work Order Details

Work Order Number: 66402

Service Account: TS Arrow / Vineyard

Work Order Type: Diagnostic & Repair

Customer: CITY OF BANGOR CLACKAMINGA

Customer Asset: TS Arrow / Vineyard

Created On: 2/17/2022 2:59 PM

System Status: Completed

Case: NWC NB L/T 10' GRN B/O

Work Order Products:

Name	Description	Quantity	Quantity To Bill	Total Amount	Line Status	Created On
12" Gr Arrow Cl Lens "Omni Dir" LEDTOK	12" Gr Arrow Cl Lens "Omni Dir" LEDTOK	1.00	1.00	\$5.00	Used	2/17/2022 6:25

Time Entries

Resource	Start	End	Duration	Type	Activity Type	Billable	Billing Indicator	Bookable Resource
Barrios, Neale	2/17/2022 3:30 PM	2/17/2022 5:30 PM	1:00	Work	Work-OT-Tech	Yes	Direct Time - Overline WH	66402

Booking Resolutions

Resource	End Time	Response
Barrios, Neale	2/17/2022 5:30 PM	Removed incandescent parts and installed Siemens supply led

Tracking as Related to Invoicing

In addition to our Customer Portal, you will receive a detailed billing report with each invoice that lists labor and equipment hours billed for each service order.

TS B - Merrill / Bloomington / Riverside				
Date Completed: Fri, MAR/18/2016 01:00		Work Order #: 5002764108 Debit Memo Req.		
Description: NEC POLE KD * CALLER: PD		3801177197		
Response: REMOVED DAMAGED EQUIPMENT. DRILLED & INSTALLED NEW 1D POLE, TV2T, TWO 3 SEC. PV HEAD S WITH ARROW LENSES, 2 R, 2 Y & 2 G PV LEDS, COUNT-DOWN COMBO M8 LED. RE-USED PEDHEAD & PPB ASSY. REPLACED PPB AND DIRECTIONAL PLATE. OLD S/H WEREN'T PROGRAM. WILL FOLOW UP WITH BALL LENSES & PROGRAM S/H'S IF CITY WANT THEM PROGRAMMED.				
Item:	Qty and Unit Cost		Extra Charges	Routine Maint.
ELECTRICIAN (RT)	12.000 H @	per H	\$	\$ 0.00
ELECTRICIAN (OT)	8.000 H @	per H	\$	\$ 0.00
ELECTRICIAN (PT)	6.000 H @	per H	\$	\$ 0.00
SERVICE BUCKET TRUCK	26.000 H @	per H	\$	\$ 0.00
MATERIALS	1 PC @	per PC	\$	\$ 0.00
Visit Total			\$	\$ 0.00
Total			\$	\$ 0.00

EXHIBIT “B”

COMPENSATION BILLING RATES

	Item	Description	Unit of Measure	Unit Cost
Monthly Maintenance				
1	LED Fixture Maintenance Cobra head	<p>This includes the cost for all regular maintenance and associated tasks to maintain the cobrahead fixtures in the streetlight system as identified in section 13.1 of the RFP. This fee is expected to be all inclusive, with the sole exceptions being those items identified in the extraordinary maintenance section. This bid item shall include:</p> <ul style="list-style-type: none"> a) <u>Fixture Replacement</u>: Facilitate the entire RMA (return merchandise authorization) process for LED streetlight fixtures that have failed and still covered under the original manufacturer's warranty. This includes the cost to remove, complete the RMA process, and reinstall the fixture (regardless of it being fixed/replaced). Fixtures that are damaged by acts of nature (i.e., lightning strikes, etc.) will be replaced, although the cost of the fixture will be charged under Material Markup (Cost + 15%). b) <u>Long-Life Photocells</u>: Removal & Replacement of a failed photocells. c) <u>Fuses</u>: Replacement of failed fuses. d) <u>Fuse Holders</u>: Replacement of failed fuse holders. e) <u>Hand Hole Covers</u>: Replacement of missing hand hole covers (i.e., due to theft). f) <u>Troubleshooting</u>: Respond to reports of a failed streetlight by city staff or residents. Our technician will spend up to 2 hours of time troubleshooting the streetlight to find what the issue might be (fixture, photocell, fuses, fuse holder, wiring issue, etc.). Troubleshooting which exceeds 2 hours, will be billed under Time and Material (Labor Rates, Equipment Rates, and Material Markup). g) <u>Night Survey</u>: Perform a quarterly night drive inspection of all 35,832 streetlights belonging to WRCOG agencies. Prepare a report of outages that will be followed up by our technicians. 	Per Light / Per Month	\$0.70
2	LED Fixture Maintenance Decorative	<p>This includes the cost for all regular maintenance and associated tasks to maintain the decorative fixtures in the streetlight system as identified in section 13.1 of the RFP. This fee is expected to be all inclusive, with the sole exceptions being those items identified in the extraordinary maintenance section. This bid item shall include:</p> <ul style="list-style-type: none"> a) <u>Fixture Replacement</u>: Facilitate the entire RMA (return merchandise authorization) process for Decorative LED fixtures that have failed and still covered under the original manufacturer's warranty. This includes the cost to remove, complete the RMA process, and reinstall the fixture (regardless of it being fixed/replaced). Fixtures that are damaged by acts of nature (i.e., lightning strikes, etc.) will be replaced, although the cost of the fixture will be charged under Material Markup (Cost + 15%). b) <u>Long-Life Photocells</u>: Removal & Replacement of a failed photocells. c) <u>Fuses</u>: Replacement of failed fuses. d) <u>Fuse Holders</u>: Replacement of failed fuse holders. e) <u>Hand Hole Covers</u>: Replacement of missing hand hole covers (i.e., due to theft). f) <u>Troubleshooting</u>: Respond to reports of a failed streetlight by city staff or residents. Our technician will spend up to 2 hours of time troubleshooting the streetlight to find what the issue might be (fixture, photocell, fuses, fuse holder, wiring issue, etc.). Troubleshooting which exceeds 2 hours, will be billed under Time and Material (Labor Rates, Equipment Rates, and Material Markup). g) <u>Night Survey</u>: Perform a quarterly night drive inspection of all 399 decorative fixtures belonging to WRCOG agencies. Prepare a report of outages that will be followed up by our technicians. 	Per Light / Per Month	\$2.15
Extraordinary Maintenance (Reference pricing Only - this scope will be quoted on time and material basis)				
3	LED Replacement Cobra head	This includes the costs for labor and equipment (trucks, lifts, tools, traffic control, etc.) for replacing existing cobrahead fixtures with a new LED fixture, disposal and updating of WRCOG database with model number installed and installation date. The replacement fixture cost is not included and will be charged at material cost plus the markup listed below.	Each	\$80.00
4	LED Replacement Decorative	This includes the costs for labor and equipment (trucks, lifts, tools, traffic control, etc.) for replacing existing decorative fixtures with a new LED fixture, disposal and updating of WRCOG database with model number installed and installation date. The replacement fixture cost is not included and will be charged at material cost plus the markup listed below.	Each	\$160.00
5	Street light pole ID tag	This includes the labor for installation of a unique pole ID tag for each pole. Pole tags will be affixed to poles with an adhesive, no riveting or drilling will be performed. This price is based on installing one (1) pole tag. If multiple pole tags are grouped together, in the same member agency, a lower price could be provided.	Each	\$92.00
6	House side shield installation	This includes the costs associated with the installation of a house side shield on an existing LED fixture, excluding the cost of the actual shield. Material will be charged at cost plus the markup listed below.	Each	\$67.00

7	Knockdown pole replacement No foundation	This includes the costs associated with the replacement of an entire street light pole, luminaire arm, fixture and wiring typically associated with a street light knockdown that does not require replacement of the foundation. This is based on the following assumptions: a 28 foot, marbelite pole with a standard 87 watt LED cobra head fixture. The City understands that there will be considerable variation in costs for these repairs under the contract and anticipates work being authorized individually through a quote process. These repairs will not be completed as part of an initial emergency response. Costs are based on a single replacement with work completed during normal work hours scheduled within the requested repair interval.			Each	\$5,190.00
8	Knockdown pole replacement with foundation	This includes the costs associated with the replacement of an entire street light pole, luminaire arm, fixture and wiring typically associated with a street light knockdown that does require replacement of the foundation. This is based on the following assumptions: a 28 foot, marbelite pole with a standard 87 watt LED cobra head fixture. The City understands that there will be considerable variation in costs for these repairs under the contract and anticipates work being authorized individually through a quote process. These repairs will not be completed as part of an initial emergency response. Costs are based on a single replacement with work completed during normal work hours scheduled within the requested repair interval.			Each	\$7,920.00
9	Pull box lid replacement	This includes the cost of labor, materials and equipment to purchase, supply and replace a pull box lid with a fiberlyte lid due to damage or missing lid.			Each	\$220.00
10	Pole graffiti abatement	This includes the estimated cost per pole to remove or cover reported graffiti. Costs include labor, equipment and materials needed to complete each individual abatement assuming time required to abate graffiti is less than 30 minutes. Work limited to under 4SF and/or lower than 7ft.			Each	\$87.00
11	Overhead wiring replacement	Total cost to repair or replace damaged overhead wiring. Cost provided per foot of wire being replaced. Costs include labor, equipment and materials to complete the repair during normal working hours. The City understands that there will be considerable variation in costs for these repairs under the contract and anticipates work being authorized individually through a quote process.			Per Foot	\$17.00
12	Pole painting	This includes the costs on a per occurrence (per pole) basis for all labor, equipment and materials needed to prep and paint a standard metal street light pole (assume 30 foot). It is assumed that 10 poles would be scheduled for painting as a group, annually			Each	\$700.00
13	USA Dig Alert	Yunex LLC typically prices this service out on a per occurrence basis. This includes the following: Our technician identifies the point of demarcation on site using field equipment. This is typically limited to approximately 100-150 linear ft per call out.			Each	\$245.00
Labor Rates						
Item #	Item Description	Unit	Quantity	Regular Time	Overtime	Premium Time
14	Superintendent	HR	1	\$98.00	N/A	N/A
15	Foreman	HR	1	\$137.00	\$172.00	\$207.00
16	Electrician	HR	1	\$130.00	\$162.00	\$193.00
17	Laborer	HR	1	\$110.00	\$159.00	\$159.00

Regular, Overtime, and Premium time explanation:

- Regular Hours are Monday through Friday (excluding holidays) from 7:30am to 4:00pm.
- Overtime Hours are Monday through Friday after these work hours for the first four straight hours on any job as well as Saturday for the initial 8 working hours.
- Premium Hours are Monday through Friday after four hours of OT on any one job, Saturdays after 8 hours on any one job, all day Sunday starting at 12:00am until Monday at 7:30am and all holidays starting at 12:00am until the next morning at 7:30am.

Equipment Rates				
Item #	Item Description	Unit	Quantity	Unit Price
18	Service Truck	HR	1	\$30.00
19	Bucket Truck	HR	1	\$30.00
20	Crane Truck	HR	1	\$55.00

Material Markup			
Item #	Item Description	Unit	%
21	Material Markup	%	15%

Yunex LLC requests the option to re-evaluate contract pricing using the US Consumer Price Index to calculate annual escalations.