City of Oakley, CALIFORNIA

REQUEST FOR PROPOSALS

FOR

TRAFFIC SIGNAL MAINTENANCE SERVICE &
UNDERGROUND SERVICE ALERT (USA) SERVICE

PROPOSAL DUE:

April 27, 2018 at 5:00 p.m.

In the

City of Oakley
Public Works Department
3231 Main Street
Oakley, CA 94561

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NOTICE INVITING PROPOSERS

March 14, 2018

Dear Contractors:

The City of Oakley is issuing this Request for Proposals (RFP) for Traffic Signal Maintenance Services. If you are interested in contracting with the City to provide these services, please respond to this RFP by **April 27, 2018 at 5:00 p.m.** at the Public Works Department.

The City of Oakley is seeking proposals from qualified contractors to provide a comprehensive Traffic Signal Preventive/Emergency Maintenance Service for a two (2) year period (starting July 1, 2018) with an option to extend the contract up to two (2) additional years.

Proposals shall be complete and address all parts of this RFP. No oral, telephone, facsimile or electronic proposals will be accepted. All costs of proposal preparation shall be borne by the proposer.

Three (3) copies of the proposal shall be submitted to the City by **April 27, 2018 at 5:00 p.m.** addressed as follows:

Kevin Rohani, P.E.
Public Works Director/City Engineer
City of Oakley
Public Works Department
3231 Main Street
Oakley, CA 94561

The following criteria will be used by the City in evaluating proposals.

1. Qualification and experience of the identified key traffic signal technician and manager.
2. Contractor success record in performing similar service to other municipalities.
3. Contractor equipment, facilities, and previous experience for the specified services for municipalities.
4. Ability to perform the service in the required manner and time frame.

5. Reference recommendations.
6. Contractor understanding and approach towards providing services to the City of Oakley and other municipalities.
7. Service Costs.

For any questions regarding the request for proposals, please contact Billilee Saengchalern at saengchalern@ci.oakley.ca.us.

Sincerely,

Kevin Rohani, P.E.
Public Works Director/City Engineer

I. GENERAL PROVISIONS

Business License

The successful proposer must possess a current and valid City of Oakley business license prior to contract execution.

Insurance Coverage

Contractor shall procure and maintain City of Oakley required insurance for the duration of the Contract with the City. A copy of the City of Oakley insurance requirement is Attachment (C).

Performance Standards

Traffic Signal maintenance services shall be performed in accordance with accepted standards for routine and emergency signal maintenance services. Additional performance standards include:

- Caltrans Standard Plans, May 2010
- Caltrans Standard Specifications, May 2010
- Chapter K of Caltrans Maintenance Manual, dated July 2014
- National Electric Code (NEC) 2011 with California Electric Code Amendments 2013
- California Manual of Uniform Traffic Control Devices (MUTCD), 2012 Edition

Prevailing Wages

In accordance with California Labor Code Section 1771, not less than the general prevailing rate of per diem wages for work of a similar character in the locality in which the Work is to be performed, and not less than the general prevailing rate of per diem wages for holiday and overtime work fixed as provided in the California Labor Code must be paid to all workers engaged in performing the Work. Copies of such prevailing rate of per diem wages can be found at the following website: http://www.dir.ca.gov/DLSR/PWD/index.htm. Contractor agrees, in accordance with Section 1771.1 of the California Labor Code, that contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered

contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded. No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the DIR pursuant to California Labor Code section 1725.5. Contractor agrees, in accordance with Section 1771.4 of the California Labor Code, this Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

II. MINIMUM QUALIFICATIONS AND REFERENCE CONTACT INFORMATION

A. **Contractor's License**

A Contractor must possess a valid, current and in good standing Class "A" & Class "C-10" contractor's license issued by the California State Contractor Licensing Board. A copy of the contractor's license number and date of expiration shall be included in the submitted Proposal.

B. **Qualified Personnel**

A Contractor must have on-staff, certified personnel to be dispatched to the City's work orders with the following qualifications:

1. Level Three (III) technician with certification by the International Municipal Signal Association (IMSA) with at least three (3) years of experience in traffic signal repairs;
2. California Licensed Professional Traffic AND Civil Engineer(s) on staff with expertise in providing traffic signal design modifications (in an event of a knockdown), signal coordination, timing programming, foundation design, and ad-hoc engineering work;
3. The Project Manager assigned by the contractor for the City must be an IMSA Level III certified Traffic Signal Electrician with a minimum of five years of management experience;

C. **Qualified Facility and Equipment**

1. A testing facility approved by the City and a dedicated cabinet testing technician capable of testing the City's traffic signal cabinets and ITS equipment;
2. A Conflict Monitor Tester equals to ATSI/PCMT 8000, CMU/MMU Tester or approved by the City;

3. Contractor's office and service center shall be within reasonable distance to City of Oakley for prompt service delivery.
4. The Contractor shall maintain adequate storage and shop facilities to perform the requirements of this agreement, including sufficient stock of spare parts, standby controllers, and related signal equipment to complete pertinent repairs to the system.
5. Electronic portal for reporting service request by the City.

The submitted Proposal shall identify by name the certified personnel who will be available and would be assigned to provide traffic signal maintenance services to the City. The submittal proposal shall identify a single point of contact for service requests.

III. SCOPE OF WORK

The Traffic signal preventive maintenance and repair services involve on-going and regular field preventive maintenance and repair of Traffic signals and other related equipment by a licensed electrical contractor with properly trained, experienced and qualified personnel. This includes 35 traffic signals as shown in Attachment A. Two more signals are in the design and construction phase which will be added to the contract once complete.

The contract(s) which may result from this Request for Proposals will include, but not be limited to, the following provisions:

- Monthly preventive maintenance of all traffic signals.
- Repair and replacement of any traffic signal control devices, as requested to keep in continuous operation. Not included in this is the controller, program, conflict monitor, battery backup inverter, opticom phase selectors, video cameras, and other equipment that cost over $1,000 for replacement. All other equipment such as batteries, load switches, detector cards, opticom detectors, materials for safety lighting repairs, materials for internally illuminated street name sign repairs, pull box lid replacement, and other equipment that cost below $1,000 for replacement is included with signal maintenance cost.
- Regular submission to the City of accurate activity records and reports of any and all work and service calls related to the City's traffic signals.
- Response to all service requests including damage to traffic signals as result of vehicular accidents or natural events.

- The Contractor shall furnish temporary replacement traffic signal controllers, preemption units, traffic signal communications and monitoring equipment, detector amplifiers, conflict monitors, video detection systems, power supplies; as well as various other standard traffic signal equipment. Contractor furnished temporary spares shall be identical to the component being replaced in manufacture, make and model. The Contractor shall deviate from this requirement only upon written advance approval from the City. The Contractor shall provide the temporary equipment at no additional charge to the City whenever the original units are removed for repair or servicing.
- The monthly maintenance service shall be performed each month with the following schedule: At least one day per week the signal technician shall be in Oakley. For example: 1st week, the signals on Main Street; 2nd week, signals on Laurel Road, Empire, and Cypress Avenue; 3rd week, signals on Neroly Road; 4th week, Carpenter Road, and O'Hara Avenue. Schedule to be defined and coordinated with City Traffic Engineer.
- Respond within one (1) hour during business hours and two (2) hours during afterhours for unscheduled and emergency work when requested, which may include, but not limited to downed signal poles, damaged controller, signal blackout, etc.

IV. DETAILED LIST OF TASKS AND SCHEDULE

Traffic Signal Scheduled Maintenance

Contractor shall perform the following: Routine **Monthly, Quarterly, and Annual Preventative Maintenance** and corrective work. A report that shall be submitted to City Traffic Engineer within 10 days of each routine maintenance performed. Reporting checklist as shown in Attachment C for reference.

A. Monthly Preventative Maintenance

1. Controller Cabinet

- Test and Check ground fault receptacle(s).
- Observe the general appearance of the cabinet noting any rust or other signs of deterioration and complete/recommend repair work if needed.
- Inspect door gasket condition and replace if necessary.
- Inspect door lock operation and replace if necessary; operate and inspect ventilation fan and cabinet light (where applicable).
- Inspect for pests in cabinet and take corrective action if needed.

- Visually inspect all relays, photocells, cabinet locks, cabinet fans, switches and make routine adjustments and repairs as necessary.
- Measure voltage level at service entrance in cabinet and record and vacuum and clean controller cabinet and contents.
- Police Panel Door – Check and test operation of Police Panel Key.
- Remove any signs and tape on cabinet. Report to City staff any graffiti removal needed on cabinets.

2. Signal Controller & Components

- Visually inspect signal controller and controller cabinet components for proper operation and recommend repairs/replacements as necessary.
- Check timing of individual signal phases. Contractor shall notify the City immediately of any operational issue. The contractor shall not make any timing changes unless it is a matter of public safety or is needed for the proper operation of the traffic signal.
- Check LED's and operation of load switches, relays, isolators, internal modems, conflict monitors, red flash modules, video detection cards, and preemption cards.
- Video Detection (if applicable) - Check camera view on the monitor and its proper operation.
- GPS Clocks (if applicable) - Check time and operation of GPS clocks and TOD settings.

3. Signal Poles, Arms, & Pedestrian Heads

- Visually inspect all vehicular signal indications for proper operation and replace outages. Replace all burnt out or flickering indications with new LED indications meeting most recent Caltrans Standard Specifications.
- Walk intersection and visually inspect all signal heads including backplates, visors and indications for proper operation and alignment. Replace all broken parts, align signal heads and adjust all mast arm signs as necessary. Bent visors and backplates shall be replaced.
- Check that all pedestrian signals are in good condition and aimed properly. Make adjustments as necessary.
- Adjust all mast arm mounted street name signs as needed.
- Inspect and tighten all traffic signal mast arm signal heads, and detection cameras as required. Check for tightness, plumb and fade for signs and adjust as needed.

- Check all signal, beacon, and pedestrian indication brackets, framework, and terminal compartments for rust, cracks, and missing parts and perform needed repairs.
- Inspect base of pole near concrete foundations for cracks and loose pole base nuts.
- Pull Box Lids – visually inspect pull box lids. Replace broken and missing lids.
- Signal Pole caps should be replaced when missing as part of the monthly service.
- Check for any tree limbs that block visibility of the signal heads and notify City staff if tree trimming is needed.

4. Pedestrian Signals and Push Button

- All new installed/replaced pedestrian signals shall be LED Countdown Full Symbol and meet the most current Caltrans Standard Specifications for pedestrian signals.
- Actuate each button for proper operation. Visually inspect and note condition. Replace or repair any broken or defective pedestrian push buttons per City standard.
- Check that all audible and tactile pedestrian signals are in good condition, properly positioned (where applicable), and sounds settings are functioning properly and make repairs as needed.

5. Detector Loops and Video Camera Detection

- Check the Video Camera Detection connections inside the cabinet to ensure all connections are tight and functional.
- Check the video detection monitor in the cabinet to ensure its proper function.
- Check loop detector operation and detection cards. Replace when necessary.

6. Battery Back-Up Unit

- Check ground fault receptacle.
- Check if battery backup system is operable.
- Observe the general condition of the cabinet, noting any rust or other signs of deterioration.
- Inspect door gasket.
- Inspect door lock operation, repair if necessary.
- Operate and inspect ventilation fan and thermostat.
- Visually inspect UPS controller system, bypass switch, batteries and fan.

B. *Quarterly Preventative Maintenance*

- Check controller cabinet filter and replace when necessary.
- Check operation of the fan. Move the fan thermostat setting and determine if fan is operable; return thermostat to proper setting.
- Visually inspect roadway along loop detectors for possible exposed wires, cracks, and potholes and recommend repairs or replacement as needed.
- Check detector amplifiers and tune if needed.
- Meg the loop detections.
- Detector pull box lids, check cracked and missing lids and replace with new lids.
- Clean pull boxes from any debris, water, etc.
- Visually check integrity of splices.
- Check wire schematics and records (including current timing sheet and as-builts) to make sure they are in the cabinet.
- Check the time setting and match with time sheet on controllers.
- Clean Opticom detector lenses.
- Clean video camera lenses.
- Check interconnect communication operation. Visually inspect cables, antenna, and other hardware and recommend repairs as needed.
- Night check for safety lighting and IISNS.

C. *Annual Preventative Maintenance*

- Vacuum and clean controller cabinets and contents.
- Check weatherproof gasket seal on controller cabinets.
- Lubricate hinges and lock on controller cabinets.
- Test conflict monitor for proper operation and certify.
- Test battery backup system.
- Test preemption devices. Check and test operation of preempt devices.
- Test railroad preemption with railroad technician. City to coordinate time and date of inspection.
- Manually record inspection date and time in controller cabinet and send written report of yearly inspection with recommendations to City by intersection.

V. MEETINGS/CONSULTATION

The Contractor shall be available to meet, when deemed necessary, with City staff on a monthly basis or at a mutually agreed upon time and place to review

maintenance activities, operational and repair activities, pending work, estimates, work quality, and any items related to Contractor's work under this contract. Contractor shall be available at all times to the Engineer for consultation at no added expense to the City. The consultation may consist of explanation of technical details, upgrade of signal equipment, and operational improvement. The contractor shall provide detailed work proposal and cost estimate to the Engineer upon request for repair, installation, replacement, or any improvements containing lighting or traffic signal components. Work associated with preparation of proposal shall be provided at no charge to the City.

Failure to Perform

Should the Contractor fail to properly execute the work in a timely or correct manner as provided under the terms of this contract, the City, after providing the Contractor with three (3) business days' notice, may perform or hire another Contractor to perform such work and deduct the cost plus 25% thereof from any payment due to the Contractor.

Warranty

Contractor shall manage all lighting and traffic signal related materials and devices under warranty. During the manufacturer's warranty period, the Contractor shall be responsible for making contact with the equipment manufacturer regarding any service determined to be under warranty. The Contractor shall replace the warranted materials (or replace with temporary equipment pending replacement material from manufacturer) without any charges to the City.

A minimum of a twelve (12) month warranty shall apply to all work and materials installed by Contractor. During the Contractor's warranty period, the Contractor shall be responsible for repairing and/or replacing the equipment without any charges to the City. The warranty on the repaired or replaced equipment shall again commence with the date of repair or replacement of equipment.

A minimum of a three (3) month warranty shall apply to all temporary replacement installed by the Contractor. During the warranty period, the Contractor shall be responsible for repairing and/or replacing the equipment without any charges to the City. The warranty on the repaired or replaced equipment shall again commence with the date of repair or replacement of equipment.

VI. COMPENSATION

A. Traffic Signal Service

The Contractor shall be compensated for services required under this contract at a flat rate per intersection.

Included in the flat rate shall be compensation for the preventive maintenance including labor, equipment, and materials. The preventive maintenance items shall be the Contractor's full responsibility to repair, install and/or replace without additional charges to the City whether they are maintained, repaired, or replaced at call-outs or emergency call-outs, or at the time of maintenance routine as outlined in the RFP scope of work. In addition, the following items shall be the Contractor's responsibility to repair, install and/or replace without additional charges to the City whether they are maintained, repaired, or replaced at call-outs or emergency call-outs, or at the time of maintenance routine: Meg the Detector Loops, load switches; flashers; BIU's; sealing of loops; replacing damaged or missing pull box lids; detector amplifiers; audible pedestrian signal indicators; push button assembly; louvers; visors; back plates; above ground conductors, and signal indication LED modules (including also replacement of bad non-LED lamps with LED modules) for all vehicle and pedestrian signal indication.

Also Included in the flat rate compensation is compensation for the logging of calls, work related to preparation of cost proposal, investigation/verification of trouble calls, warranty service, stocking of materials, reporting of service, record keeping, temporary equipment, necessary traffic control devices, and any other associated services as specified in the Contract.

Not included in the flat rate compensation are any items not specified above, e.g. poles, arms, pull boxes structure, power supply units, video detection, underground conduits and conductors. Also not included in the flat rate compensation is repair/replacement for damage caused by vehicular collisions, acts of God, or malicious damage.

B. USA (Underground Service Alert)

The Contractor shall be compensated for service required under this contract at a flat rate per USA ticket. Included in the flat rate is compensation for all related labor, equipment, and materials for all related USA ticket related work.

C. Extra Work

Extra work refers to the replacement, repair, upgrade or installation of any street lighting and traffic signal components that are not included in the compensation of the flat rates. The City shall compensate the Contractor for the performed extra work and repairs in accordance with agreed upon labor rates, material markups, equipment rates, and miscellaneous costs.

D. Night Check

Perform a quarterly night check for outages and malfunctions of safety traffic signal lighting and illuminated street name signs at intersections listed in Attachment B. Also perform night checks for problem locations as needed, as directed by City staff. A copy of a report with the results of the night check shall be submitted to the City within a week from the night check.

The City reserves the right to reject any or all proposals, wholly or in part, received by reason of this RFP. All costs incurred by the consultant due to developing their proposal shall be borne by the contractor.

The contract for these services shall be subject to payment of prevailing wages pursuant to California Labor Code section 1770, et seq. For any questions regarding this RFP, please contact Billilee Saengchalern at (925) 625-7154. Requests for information of clarification must be received at least ten (10) calendar days before proposals are due in order to prepare and distribute a response.

Contract Price

A. First Year

As full compensation for furnishing all materials and equipment and for doing all the work contemplated and embraced, the City shall pay the amount specified by the contractor pursuant to the signed agreement.

B. Successive Years

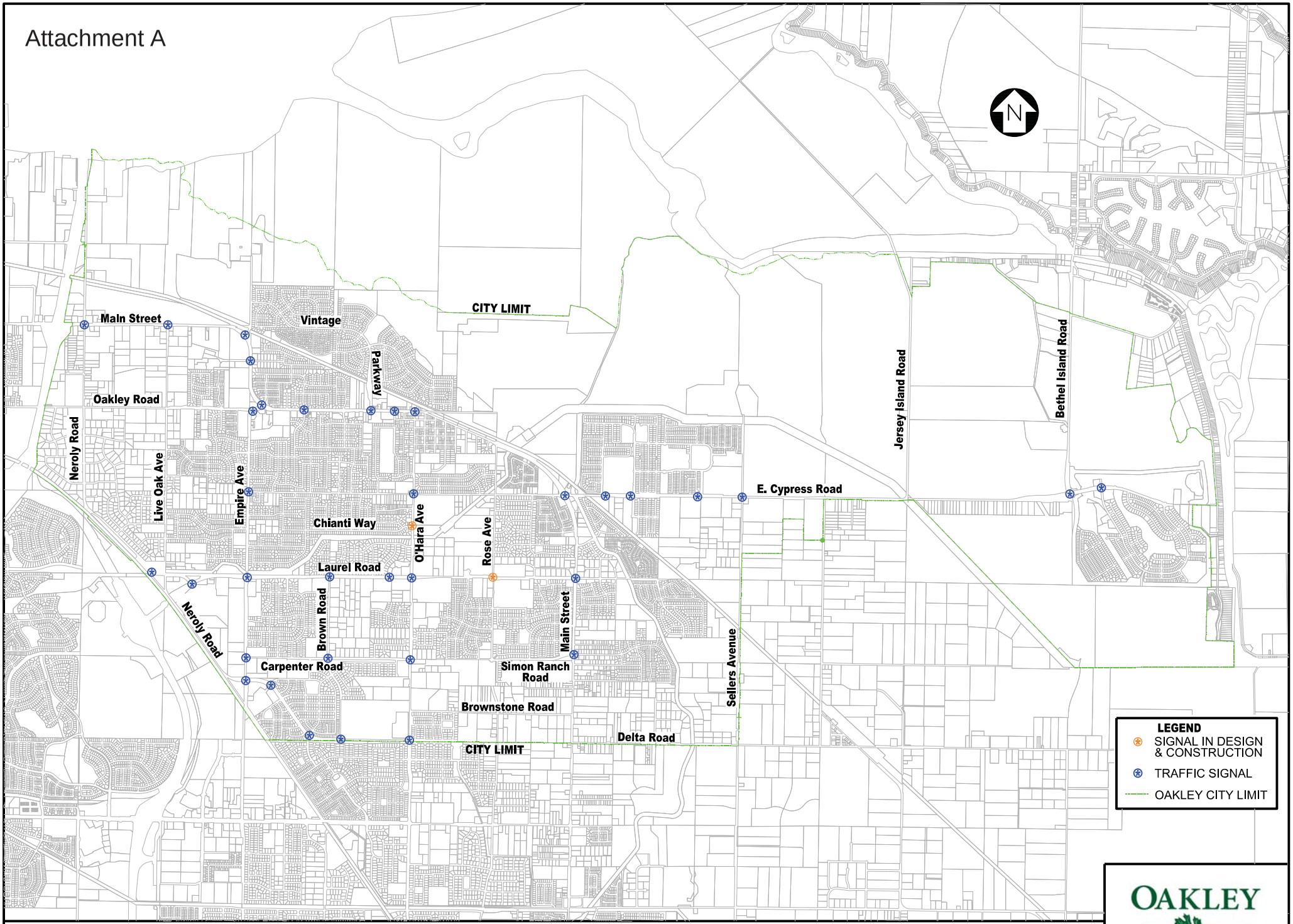
One year from the date of the signed agreement, and each anniversary thereafter, the monthly price paid for such services shall be adjusted according to the percent change in the U.S. Department of Labor, Bureau of Labor Statistics Consumer Price Index, *All Items, All Urban Consumers, San Francisco-Oakland-San Jose, 1982-84-100 Index*. The contractor shall be

responsible for submitting a written notice sixty (60) days in advance requesting an adjustment to the current index. This index shall be used to calculate and determine annual costs.

VII. TERMS OF AGREEMENT

If awarded, the term of the contractor's agreement shall begin on July 1, 2018 and will continue through June 30, 2020. The City will have the option of extending the contact up to two (2) additional years.

Attachment A



CITY OF OAKLEY
TRAFFIC SIGNAL MAP

DATE 3/05/2018

OAKLEY
CALIFORNIA

ATTACHMENT B: TRAFFIC SIGNAL LIST

	MAIN ROAD	CROSS STREET
1	Carpenter Rd	Brown Rd
2	Cypress Rd (east)	Picasso Dr
3		Frank Hengel Way
4		Emerson Ranch Way/Machado Lane
5		Sellers Ave
6		Bethel Island Rd
7		Summerlake Dr
8	Empire Ave	Oakley Rd
9		Cypress Rd (west)/ W. Cypress Place
10		Carpenter Rd
11		Neroly Rd
12	Laurel Rd	Live Oak Ave
13		Empire Ave
14		Brown Rd
15		Mercedes Lane
16		O'Hara Ave
17		*Rose Ave*
18	Main Street	Neroly/Bridgehead
19		Live Oak Ave
20		Big Break Rd
21		Carol Lane
22		Empire Ave/Charles Way
23		Teakwood Drive
24		Vintage Pkwy
25		Norcross Lane
26		O'Hara Ave
27		Cypress Rd (east)
28		Laurel Rd
29		Simoni Ranch/Malicoat
30	Neroly Rd	Delta De Anza Trail
31		O'Hara Ave
32		Dynasty Dr
33		Brown Rd
34		Everlasting Way
35	O'Hara Ave	Cypress Rd (west)
36		*Chianti Way*
37		Carpenter Rd

ATTACHMENT C

OAKLEY
CALIFORNIA

City of Oakley Traffic Signal Preventative Maintenance Checklist

Intersection: ***Date:*** ***Start Time:***

Technician: ***End Time:***

A. Controller Cabinet

☐	Test and Check ground fault receptacle(s).
☐	Observe the general appearance of the cabinet noting any rust or other signs of deterioration and complete/recommend repair work if needed.
☐	Inspect door gasket condition and replace if necessary.
☐	Inspect door lock operation and replace if necessary; operate and inspect ventilation fan and cabinet light (where applicable).
☐	Inspect for pests in cabinet and take corrective action if needed.
☐	Visually inspect all relays, photocells, cabinet locks, cabinet fans, switches and make routine adjustments and repairs as necessary.
☐	Move the fan thermostat setting and determine if fan is operable; return thermostat to proper setting.
☐	Measure voltage level at service entrance in cabinet and record and vacuum and clean controller cabinet and contents. (Annually)
☐	Replace cabinet air filter as needed.
☐	Police Panel Door – Check and test operation of police panel key. Observe if the signal return to normal operation in proper sequence. (Annually)

B. Battery Back-up Unit

☐	Test and Check ground fault receptacle.
☐	Observe the general condition of the cabinet, noting any rust or other signs of deterioration.
☐	Inspect door gasket and lock operation, repair if necessary.
☐	Operate and inspect ventilation fan and thermostat.
☐	Visually inspect UPS controller system, bypass switch, batteries, fan and thermostat.

C. Signal Controller & Components

☐	Visually inspect signal controller and controller cabinet components for proper operation and recommend repairs/replacements as necessary.
☐	Check timing of individual signal phases. Inspector shall notify the City immediately of any operational issue. The Inspector shall not make any timing changes unless it is a matter of public safety or is needed for the proper operation of the traffic signal. (Annually)
☐	Check LED's and operation of load switches, relays, isolators, internal modems, conflict monitors, red flash modules, video detection cards, preemption cards, etc.
☐	Check operation of current controller and field master controller.
☐	Video Detection (if applicable) – Check camera view on monitor and its proper operation. Clean camera as necessary at least once every three months.
☐	Preempt (if applicable) – Check and test operation of preempt devices. (Annually)
☐	GPS Clocks (if applicable) – Check time and operation of GPS clocks and TOD settings.

D. Signal & Pedestrian Heads

☐	Visually inspect all vehicular signals for proper operation and replace outages. Replace all burnt out or flickering indications with LED indications.
☐	Walk intersection and visually inspect all signal heads including backplates, visors and indications for proper operation and alignment. Replace all broken parts, align signal heads and adjust all mast arm signs as necessary.
☐	Check that all pedestrian signals are in good condition and aimed properly. Make adjustments as necessary.

E. Pedestrian Push Button

☐	Actuate each button for proper operation. Visually inspect and note condition. Replace or repair any broken or defective pedestrian push buttons. All new pedestrian push buttons shall be two inch ADA push buttons. The City and the Inspector to agree on a standard specification.
☐	Check all audible and tactile pedestrian signal are in good condition, properly positioned (where applicable), and sounds settings are functioning properly and make repairs as needed.

F. Miscellaneous

☐	Interconnect Communication (if available) – Check operation. Visually inspect cables, antenna, and other hardware and recommend repairs as needed.
☐	Check operation of flashing beacons at signalized intersections to ensure proper operation.

☐	Visually inspect detector loops for exposed wires, cracks, and/or pot holes and recommend repairs or replacement as needed.
☐	Check all signal, beacon, and pedestrian indication brackets, framework, and terminal compartments for rust, cracks, and missing parts.
☐	Traffic Signal Poles – Visually check all poles, mast arms, anchor bolts & nuts for rust, damage and tightness. Adjust the tightness of bold and nuts as needed. Inspect poles for missing and loose band hole covers.
☐	Mast Arm Signs, Signal Heads, Opticom detectors, & Cameras – Visually check for tightness, plumb and fade for signs. Adjust as necessary. Replace illuminated sign lamps as necessary.
☐	Luminaire – Visually inspect condition of intersection lighting. Repair and replace fixture as necessary. (Semi-annually or quarterly)
☐	Pole Hand Hole Covers – Check hand hole covers and replace broken of missing covers.
☐	Traffic Detector Loops – Check for coverage of all loop wire in slots and around stub-out. Reseal as necessary.
☐	Detector Hand Hole Lids – Check cracked and missing lids. Replace broken and missing lids.
☐	Pull Box Lids – Visually inspect pull box lids. Replace broken and missing lids.
☐	Graffiti – Remove graffiti, postings and adhesive materials off signal poles and equipment.

G. Additional Comments

Note any additional deficiencies observed or recommendations on equipment that may need replacement in the near future. Note any equipment repainting (i.e. pole, heads, cabinet) striping, and signing deficiencies at the intersection.

ATTACHMENT D

PROPOSAL FORM

The undersigned proposer hereby offers to perform the required services for the following price(s) in strict compliance with the specifications, terms and conditions set forth in this Request for Proposals.

A. Traffic Signal Service

Proposal Item No.	Quantity	Unit Price	Rate Per Intersection	Total Amount
Monthly Preventative Maintenance of Traffic Signal System	37	Per Intersection Per Month		
Quarterly Preventative Maintenance of Traffic Signal System	37	*Additional* Per Intersection Per Quarter		
Annual Preventative Maintenance of Traffic Signal System	37	*Additional* per Intersection Per Year		

B. USA (Underground Service Alert) Locating and Marking Flat Rates

Per Ticket Rates _____ Per Ticket

C. Labor Rates for Extra Work, As Required

Labor costs must reflect prevailing wages.

Labor Category	Straight Time ($ per hour)	Overtime ($ per hour)
Journeyman Electrician		
Foreman Electrician		
Laborer		
Night Checker		
Engineer		

D. Equipment Rates for Extra Work, as Required

Equipment Category	$ Per Hour
Bucket Truck	
Crane	
Dump Truck	
Service Truck	
Compressor	