City and County of San Francisco
London N. Breed, Mayor

Office of the City Administrator
Carmen Chu, City Administrator
Sailaja Kurella, Director
Office of Contract Administration/Purchasing

Contract Modification 2

Electrical Materials & Supplies

Alameda Electrical Distributors Inc.
Mr. Armand Pantaleon
336 7th Street
San Francisco, CA 94103
Supplier e-mail: APantaleon@alamedaelectric.com
Phone: (415) 863-5000

Date: October 17, 2022
Buyer Name: Maria Sio
Term contract: 77001
Contract ID: 1000023404
Supplier ID: 0000025976
Type: Indefinite Quantity
Not-to-exceed amount: **$9,900,000**

The history of this contract and its modifications is as follows:

Modification	Start date	End date	Amount
Original contract	5/1/2018	4/30/2021	$8,500,000
1	No change	4/30/2023	$8,500,000
Novation	No change	No Change	$8,500,000
2	No change	4/30/2024	$9,900,000

This Modification No. 2 changes the contract as follows:

1. Increases NTE amount from $8.5 million to $9.9 million.
2. Extends the duration by one (1) year to 4/30/2024.
3. Replaces *Attachment A – Environmental Specifications* with *Attachment A-1 – Environmental Specifications updated by Mod #2*. See *Attachment A-1* in its entirety below.

Discounts and all other terms and conditions remain the same.

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Recommended by:

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Supervising Purchaser
Office of Contract Administration

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Sailaja Kurella
Director of the Office of Contract Administration,
and Purchaser

Alameda Electrical Distributors Inc.

DocuSigned by:
Armand Pantaleon
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Armand Pantaleon
Authorized Representative
336 7th Street
San Francisco, CA 94103

City Supplier Number: 0000023404

A. **Mandates For Environmental Purchasing Specifications:**

1. **Adherence to Reference Standards and Specifications**

Specifications and standards in effect on the opening of this Bid will form a part of this contract, where referenced. The City requires all vendors to comply with all applicable and current environmental, health and safety, energy efficiency and other performance standards throughout the life of this contract that have been adopted by Federal, State of California, and City and County of San Francisco governing bodies. This includes, but is not limited to, all applicable standards adopted by the American National Standards Institute (ANSI), Illumination Engineering Society of North America (IES), Underwriters Laboratories (UL), National Fire Protection Association (NFPA), US Department of Energy (DOE), US Department of Transportation (DOT), US Environmental Protection Agency (EPA), (including the ENERGY STAR program), California Department of Toxic Substances Control (DTSC), California Energy Commission (CEC, including Title 20 Appliance Efficiency Regulations and Title 24 Building Energy Efficiency Regulations), and National Electrical Manufacturers Association (e.g., NEMA Premium Efficiency). All performance specifications shall be measured in accordance with these standards.

Recognizing its role as a major purchaser of goods and services, the City and County of San Francisco (CCSF) seeks to enhance markets for environmentally preferable products and services. The City's Environmentally Preferable Purchasing (EPP) Program promotes the purchase of products and services that meet our environmental, health, cost, and performance criteria by incorporating relevant specifications into contracts. The specifications for this contract are derived largely from the City's environmental ordinances and other policies. The City requires all contractors to comply with all applicable and current environmental, health and safety, energy efficiency and other performance specifications throughout the life of this contract, including offering and clearly labeling products that have third-party certifications such as ENERGY STAR and ENERGY STAR Most Efficient, DesignLights Consortium (DLC Standard and Premium), NEMA Premium Efficiency, etc. per the specifications below.

Contractors agree to comply fully with the provisions of the San Francisco Environment Code (https://sfenvironment.org/policy/environment-code) including, but not limited to the following:

- **Chapter 1: Precautionary Principle Policy Statement,** which provides that "The community has a right to know complete and accurate information on potential human health and environmental impacts associated with the selection of products, services, operations or plans. The burden to supply this information lies with the proponent, not with the general public."

- **Chapter 2: Environmentally Preferable Purchasing (EPP) Ordinance:** https://codelibrary.amlegal.com/codes/san_francisco/latest/sf_environment/0-0-0-44. The Ordinance and its regulations **restrict CCSF staff purchases** to products that meet mandatory environmental and health specifications for a variety of product categories, including appliances, lighting equipment and batteries, which are offered on this contract. Consequently, in categories for which specifications have been established,

products that do not meet the environmental or health requirements are considered **PROHIBITED**. Vendors may not offer PROHIBITED products and contract users may not purchase them. Up-to-date environmental and health specifications are listed on sfapproved.org.

- **Regulation** #SFE-20-06-PPO: Approved Alternative Products for Lighting Equipment states:

  Lighting Equipment, including lamps, luminaires, fixtures, retrofit kits, drivers, and ballasts, must comply with the following requirements. City Departments must purchase Light-emitting Diode (LED) lighting equipment whenever possible and practical, and all LED lighting equipment must be UL or ETL listed… In addition, City Departments are strongly encouraged to purchase lighting equipment that is labeled RoHS-compliant, which means it complies with the European Union's Restriction of Hazardous Substances Directive.

  This regulation further states:

  Luminaires must be LED-based whenever possible and practical. Luminaires, fixtures, retrofit kits and drivers must meet the following requirements, which reference applicable third-party certifications and standards.
  - *All luminaires, retrofit kits and drivers must have at least a 5-year warranty and be UL Listed.*
  - *The following types of luminaires and fixtures are PROHIBITED and may NOT be purchased by City Departments.*
    - *Incandescent*
    - *Halogen*
    - *Fluorescent*
    - *High-intensity discharge (HID): Mercury vapor, low-pressure sodium, probe start metal halides (except models 1000 watts or higher)*

  Additional environmental requirements for luminaires are detailed in this regulation.

- **Regulation No. SFE13-03-GB: Implementing Green Building Requirements for City Buildings Ordinance**, This regulation requires that "Commodities and cleaning products purchased for use in City-Owned Facilities and Leaseholds shall be selected from the SF Approved list," found at sfapproved.org. It also directs City employees to avoid purchasing products (e.g., solder and wiring) that contain lead.

- **Chapter 5: Resource Conservation Ordinance**, which directs city employees to avoid buying products containing chlorinated plastics including, notably, polyvinyl chloride (PVC) vinyl in products and packaging.

The City of San Francisco has adopted the **Commercial Lighting Efficiency Ordinance** requiring business to upgrade their lighting equipment from low-efficiency **T12 fluorescent lamps** to more efficient lighting equipment. The contract helps the City lead by example by prohibiting fluorescent T12 lamps, ballasts and luminaires from this contract and offering LED luminaires and retrofit kits, which are more energy-efficient and mercury-free.

B. **Minimum Environmental Requirements**

1. Contractor shall **not offer PROHIBITED products for sale** on or off contract to City purchasers, or to contractors making purchases in fulfillment of City department contracts.

3. Contractor shall complete the City's **spreadsheet template of all products available on the contract** within 21 days after it is provided by the City. Contractor shall provide information in the spreadsheet accurately. Product specifications and/or information provided on its spreadsheet shall include product information provided in contractor's online shopping platform and manufacturer website, and shall not include PROHIBITED products.

   The City's spreadsheet template may include, but is not limited, to the following example categories.

   a. Product category supplied by SF Department of the Environment
   b. Contract ID / Term Contract No.
   c. Contractor's No.
   d. Contractor's Name
   e. Manufacturer
   f. Brand
   g. Product Name/Description
   h. Manufacturer Part Number
   i. UPC (if available)
   j. Unit Price (without tax and BEFORE contract discount)
   k. Percentage Discount (per contract)
   l. Cost to City (without tax and AFTER contract discount)
   m. Unit of Measure
   n. Number of units sold per transaction
   o. CCSF Department
   p. Name of Purchaser
   q. Environmental attributes of product including third-party ecolabels or standards (e.g., ENERGY STAR, DesignLights Consortium (DLC Standard or DLC Premium), Electronic Products Environmental Assessment Tool (EPEAT), NEMA (Premium Efficiency), International Dark Sky Association (IDA), EU Restriction of Hazardous Substances (RoHS), etc.)
   r. Date new product was added to the contract

Contractor shall use the City's template to report their sales on this contract to OCA on a quarterly basis.

4. If the Contractor's **environmentally preferable** ("**green") product claims** do not match those on the manufacturer's or environmental certifier's (e.g., ENERGY STAR) websites and the Contractor is unable to provide verification of the product's green claims, Contractor shall do the following within 30 days:
    a. Replace the product with a verified green product, if available, at no cost to the City.
    b. Correct inaccurate claims in its online shopping platform.

5. In the event that CCSF requires the Contractor to create a **punchout catalog** for its PeopleSoft e-procurement system, the Contractor must do so within 60 days. If applicable, the Contractor's punchout catalog shall have the same capabilities and list the same products as the online shopping platform described below. The punchout catalog shall enable CCSF customers to take these steps in this order:
    a. Click from within the City's PeopleSoft e-procurement system to the Contractor's online shopping platform.
    b. Browse the punchout catalog and add items to the shopping cart while both the City's PeopleSoft system and Contractor's online shopping platform maintain their connections. No orders are sent to the Contractor when the customer checks out from the punchout catalog.
    c. Have their shopping cart be brought back to PeopleSoft where the customer may add items to the requisition, cancel or edit the requisition, or submit the requisition.
    d. Submit the order from the City's PeopleSoft e-procurement system to the Contractor by adding and approving line items to a purchase order.

C. Preferred Environmental Criteria For Contractors

1. If the Contractor has an **online shopping platform** for CCSF clients, the online shopping platform should be capable of **blocking the display and sale** of any products or product categories deemed PROHIBITED by SFE pursuant to Attachment A. The Contractor shall block all products that are PROHIBITED without requiring the City to identify and/or itemize individual items that fall within a given prohibited category. The Contractor shall block these products from view and from sale via the CCSF clients' platform within 21 days of the date the contract is awarded.

2. Over the life of the contract, Contractor shall, within 21 days of receiving a request from SFE or OCA, **block all** products and product categories SFE or OCA staff deem PROHIBITED. The Contractor will block the category (e.g., all lamps and ballasts) or product not meeting the City's SF Approved standards (e.g., solder containing lead, luminaires that do not use LEDs as their light source, or appliances that are not on the ENERGY STAR list), without requiring the City to identify and/or itemize individual product numbers.

3. Additional preferred capabilities include the following:
    a. If a product has SUGGESTED environmental or health attributes, the ordering system shall clearly label and direct users to green products on the contract that have

SUGGESTED environmental or health attributes listed in Attachment A.

b. The ordering system, catalog or price list shall **Display** green products (that comply with SUGGESTED environmental specifications in Attachment A) before other products on static pages and in search results.

c. The ordering system, catalog or price list shall state if green products have any environmental or performance attributes such as third-party **ecolabels** (e.g., ENERGY STAR, ENERGY STAR Most Efficient, DesignLights Consortium (DLC Standard or DLC Premium)) or meet other standards (e.g., RoHS-compliant, Title 24-compliant).

D. Lamps and Ballasts Exclusion

All lamps and ballasts are prohibited/excluded from being offered or sold on this contract. Lamps and ballasts MUST be purchased on the citywide Lighting Equipment Contract (e.g., 77408: Lamps; Ballasts; LED Luminaires Retrofit Kits and Drivers; and Recycling Services), which includes standards for energy efficiency, rated life, and toxicity.

E. LED Luminaires, Retrofit Kits, and Drivers

Contractors may offer LED luminaires, fixtures, retrofit kits, and drivers on this contract as long as they meet the environmental specifications in the table below, which are derived from **Regulation** #SFE-20-06-PPO: Approved Alternative Products for Lighting Equipment. Inclusion on the DesignLights Consortium (DLC) Qualified Products List (QPL) is required for many categories of LED luminaires. A list of DLC-Qualified LED luminaires and retrofit kits can be accessed at

LED Luminaires, Fixtures, Retrofit Kits and Drivers	Requirement(s) and Ecolabel Certification(s)
A. Interior LED Luminaires and Fixtures (Commercial)	• Must be on DesignLights Consortium (DLC) Qualified Product List (QPL); • Must have Class A Sound Rating; and • Must have Class A FCC Electromagnetic Compliance Rating.
B. LED Exit Signs and Other Emergency Luminaires	• Meets NFPA 101, NEC and OSHA Illumination Standards; and • Must have a minimum rated life of 50,000 hours or 5-year warranty. • In addition, exit signs must use 5 watts per face or less per Title 20.
C. Exterior (Outdoor) LED Luminaires (Commercial)	• Must be on the DesignLights Consortium (DLC) Qualified Product List (QPL); • Must have Class A Sound Rating; • Must have Class A FCC Electromagnetic Compliance Rating; and • Must be fully shielded to minimize light pollution.
D. LED Retrofit Kits (for interior & exterior luminaires) (Commercial)	• Must be on the DesignLights Consortium (DLC) Qualified Product List (QPL); • Must have Class A Sound Rating; and • Must have Class A FCC Electromagnetic Compliance Rating.
E. LED Drivers	• Must have Class A Sound Rating; • Must have Class A FCC Electromagnetic Compliance Rating; • Must be RoHS Compliant; and • Must have a minimum rated life of 50,000 hours or 5-year warranty.

www.designlights.org/search/.

The following types of luminaires and fixtures are PROHIBITED from this contract and may not be offered or sold to City Departments due to concerns that the lamps and/or ballasts they contain (or are designed to contain) are relatively inefficient, short-lived and/or high in mercury or lead content:

1. Luminaires or fixtures that contain (or are designed for) INCANDESCENT or HALOGEN lamps, except if they are needed for emergency lighting and equivalent LED emergency luminaires are unavailable.

2. Luminaires or fixtures that contain (or are designed for) FLUORESCENT or HIGH-INTENSITY DISCHARGE lamps (except metal halide luminaires of 1000 watts or higher for which LED luminaires are unavailable or do not meet performance requirements.)

3. Outdoor LED luminaires or fixtures that are not fully shielded to ensure that they do not contribute to light pollution.

4. LED luminaires, fixtures or retrofit kits that are not ENERGY STAR-certified OR on the DesignLights Consortium (DLC) Qualified Products List, except portable desk and floor lamp fixtures, night lights, exit signs and emergency luminaires.

Contractors may offer LED drivers and lighting controls on this contract. All LED drivers must have a rated life of at least 50,000 hours. LED drivers and lighting controls that are RoHS-compliant are preferred. Contractors shall clearly label products with these attributes.

F. Additional Requirements for Luminaires and Fixtures

1. All portable desk and floor lamp fixtures, and night lights must use LEDs as their only lighting source. Products that are ENERGY STAR-certified and/or RoHS-compliant are preferred.

2. All luminaires and fixtures offered and sold on this contract must meet all applicable UL and ANSI safety standards, including UL 1598 (for luminaires).

3. All exit signs (except self-luminescent models) offered or sold on this contract must be lit with light-emitting diodes (LEDs) or light-emitting capacitors. All models must consume no more than 5 watts and have at least a 3-year warranty. All exit signs must also be UL 924-certified and meet NFPA 101, NEC and OSHA Illumination standards.

4. Exterior luminaires that are certified by the International Dark Sky Association or are on the DLC Luna QPL are SUGGESTED and must be labeled in the Contractor's catalog and online ordering system. For more information and a list of certified products, see https://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/ and https://www.designlights.org/news-events/news/webinar-series-responsible-lighting-at-night/.

E. ENERGY STAR Requirements

All products in the following categories offered or sold on this contract must be CA Title 20-compliant and currently on either the ENERGY STAR or ENERGY STAR Most Efficient certification lists. A list of ENERGY STAR-certified products can be accessed at http://www.energystar.gov/productfinder. Products on the ENERGY STAR Most Efficient List are preferred; see https://www.energystar.gov/products/most_efficient.

1. Air purifiers and dehumidifiers
2. Appliances (e.g., refrigerators, freezers, stoves, washers, dryers, coffee brewers, ice machines, etc.)
3. Ceiling and ventilation fans
4. Electric vehicle charging stations
5. HVAC equipment (e.g., air conditioners, boilers, furnaces, heat pumps, smart thermostats, etc.)
6. Large Network Equipment
7. Pool pumps
8. Residential LED luminaires and retrofit kits
9. Uninterruptible Power Supplies
10. Vending machines
11. Water coolers and heaters

In addition, all room air conditioners, residential refrigerators and upright freezers, and all commercial refrigerators and freezers must use and come equipped with Climate Friendly Refrigerants. See Section F below for detailed guidance.

F. Climate-Friendly Refrigerants

Contractors are strongly encouraged to offer and clearly label appliances that use climate-friendly refrigerants. Approved products can be found at https://www.climatefriendlycooling.com/. In addition:

1. All room air conditioners offered on this contract are REQUIRED to use R23, a climate-friendly refrigerant. Available products include:
    i. All room air conditioners on the ENERGY STAR Most Efficient List;
    ii. All room air conditioners on the ENERGY STAR list that have their Refrigerant filtered for the following attribute: “lower impact on global warming”.

2. All residential refrigerators and upright residential freezers offered on this contract are REQUIRED to use R600a, a climate-friendly refrigerant. Available products include:
    i. All upright residential freezers on the ENERGY STAR Most Efficient List;
    ii. All upright residential freezers on the ENERGY STAR list that have their Refrigerant filtered for the following attribute: “lower impact on global warming”.

3. All commercial refrigerators and freezers offered on this contract are REQUIRED to use R600a, a climate-friendly refrigerant. Available products include:
    i. All commercial refrigerators and freezers on the ENERGY STAR list that have their Refrigerant filtered for the following attribute: “lower impact on global

warming".

G. Lead-Free Solder and Wire Requirements
All solder offered or sold on this contract must be lead-free. Lead-free wire is SUGGESTED and must be labeled as such by the Contractor.

H. Mercury Restrictions
No thermostats, button-cell batteries, lighting equipment or other products containing mercury may be offered or sold on this contract. These items are PROHIBITED.

I. Rechargeable Battery and Flashlight Requirements
If the Contractor offers standard (alkaline) AA, AAA and D cell batteries on this contract, it shall also offer rechargeable AA, AAA, and D cell batteries that use nickel metal-hydride (NiMH) chemistry, and are low-self discharge (i.e., able to retain at least 80% of its capacity after 1 year of storage or 75% after 3 years of storage). It must also offer at least one Smart Battery Charger that charges 4-AA or AAA NiMH batteries; one Smart Battery Charger that charges 8 to 12 AA or AAA rechargeable batteries as well as C, D and 9V NiMH batteries; and one Battery Charger with Car Cord (that charges 2 or 4 AA or AAA batteries). In addition:

- All AA NiMH rechargeable batteries offered or sold on this contract (including batteries that are included in charger kits) must have a power rating of at least 2300 mAh;
- All AAA NiMH rechargeable batteries offered or sold on this contract (including batteries that are included in charger kits) must have a power rating of at least 800 mAh;
- All D-cell NiMH rechargeable batteries offered or sold on this contract (including batteries that are included in charger kits) must have a power rating of at least 10,000 mAh; and
- Vendors are not allowed to sell: household-type (AA, AAA, C, D, and 9 volt) rechargeable Nickel-Cadmium (Ni-Cad) batteries due to higher toxicity.

All flashlights, head lamps, and lanterns must use LEDs as their only light source. Contractors must offer at least one brand of flashlight, head lamp and lantern with a built-in rechargeable battery.

J. Battery and Thermostat Recycling
Contractors on this contract shall offer to collect and recycle rechargeable batteries free of charge through the www.call2recycle.org or an equivalent program as approved by the Director of the San Francisco Department of the Environment. Contractors shall describe any programs they offer to collect and recycle rechargeable batteries free-of-charge. Contractors shall also describe any programs they offer to collect and recycle other types of batteries, including the cost for this service.

Contractors shall offer to collect and recycle mercury-containing thermostats free of charge through the Thermostat Recycling Corporation's recycling program (www.thermostat-recycle.org) or an equivalent program approved by the Director of the San Francisco Department

of the Environment. Contractors shall describe any programs they offer to collect and recycle mercury-containing thermostats free of charge.

Contractors shall also describe any programs they offer to collect and recycle other types of batteries, including the cost for this service for Departments interested in this purchase.

K. RoHS-Compliant Electrical Equipment

Contractors are strongly encouraged to clearly label and offer electric equipment that is compliant with the European Union's Restriction of Hazardous Substances (RoHS) Directive.

L. Energy-Efficient Motors

All motors offered and sold on this contract shall be either labeled as a NEMA Premium Efficiency model, which can be accessed at www.nema.org/directory/products/nema-premium-motors or be a variable speed motor.

M. Thermostats

All thermostats offered and sold on this contract shall be electronic and programmable. Analog and other non-programmable thermostats are PROHIBITED from this contract. All "smart" thermostats must be ENERGY STAR-certified. According to the ENERGY STAR Program, "a smart thermostat is a Wi-Fi enabled device that automatically adjusts heating and cooling temperature settings … for optimal performance. Smart thermostats that earn the ENERGY STAR label have been independently certified, based on actual field data, to deliver energy savings." For more information about smart thermostats, go to https://www.energystar.gov/products/smart_thermostats.