

City and County of San Francisco
Office of Contract Administration
Purchasing Department
City Hall, Room 430
1 Dr. Carlton B. Goodlett Place
San Francisco, CA 94102-4685



Contract Modification 1

Electrical Materials and Supplies for San Francisco International Airport

Maltby Electric Supply
Mr. Armand Pantaleon
336 7th Street
San Francisco, CA 94103
Supplier e-mail: apantaleon@malbyelectric.com

Date: March 9, 2021
Buyer Name: Maria Sio
Term contract: 77001
Contract ID: 1000010014
Supplier ID: 0000015861
Type: Indefinite Quantity
Not-to-exceed amount: **\$8,500,000**

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

This modification No. 1 changes the contract as follows:


Extends the contract by two (2) years
Updates Attachment A – Environmental Specifications
Adds additional items

All other terms and conditions remain the same.

CITY

Maltby Electric Supply

Recommended by:

DocuSigned by:

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Galen Leung
Supervising Purchaser
Office of Contract Administration

DocuSigned by:

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Mr. Armand Pantaleon
Authorized Representative
336 7th Street
San Francisco, CA 94103

City Supplier Number: 0000015861

Approved: DocuSigned by:

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

Additional Items, discount is effective on March 1, 2021

Bid Line	Manufacturer	Percent offered
824	Hali Brite Airfield Equipment and Lighting	5%
825	High Perfection LED Drivers	5%
826	Simplex Fire Alarms	5%
827	Tegan Lighting	5%

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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, including the California Lighting Efficiency and Toxics Reduction Act, which states that all "general purpose lights" manufactured or offered for sale in the state of California shall meet the requirements of the RoHS Directive as amended), 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 and Energy Aware). 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. Bidders shall 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)** 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

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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.

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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, Design Lights Consortium (DLC Standard or DLC Premium), NEMA (Premium Efficiency and Energy Aware), International Dark Sky Association (IDA), EU Restriction of Hazardous Substances (RoHS), etc.)
- r. Date new product was added to the contract

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

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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. If applicable, Contractor shall block all categories of products that SFE flags as prohibited without requiring the City to identify and/or itemize individual items that fall within a given prohibited category. If applicable, 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. In the case of blocked product categories (e.g., all lamps and ballasts), Contractor will block the category or product 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 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.

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

D. Lamps and Ballasts Exclusion

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 and Retrofits; and Recycling Services), which includes standards for energy efficiency, rated life, and toxicity.

E. LED Luminaires, Fixtures, Retrofit Kits, and Drivers

Contractors may offer LED luminaires, fixtures, and retrofit kits on this 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 Design Lights Consortium (DLC) Qualified Products List (QPL) is required for many categories of LED luminaires. A list of DLC-Qualified LED luminaires and retrofit kit products can be accessed at www.designlights.org/search/.

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LED Luminaires, Fixtures, Retrofit Kits and Drivers	Requirement(s) and Ecolabel Certification(s)
A. Interior LED Luminaires and Fixtures (Commercial)	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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.

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 Design Lights Consortium (DLC) Qualified Products List, except portable desk and floor lamp fixtures,

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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.

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.

E. ENERGY STAR Requirements

All products in the following categories offered or sold on this contract must be ENERGY STAR-certified:

- a. Air purifiers and dehumidifiers
- b. Appliances
- c. Ceiling and ventilation fans
- d. HVAC equipment (e.g., Air conditioners, Boilers, Furnaces, Heat pumps, etc.)
- e. Pool Pumps
- f. Residential lighting equipment
- g. Thermostats
- h. Uninterruptible Power Supplies
- i. Water coolers and heaters

A list of ENERGY STAR-certified products can be accessed at www.energystar.gov. Products on the ENERGY STAR Most Efficient List are preferred; see https://www.energystar.gov/products/most_efficient.

F. Lead-Free Solder Requirement

All solder offered or sold on this contract must be lead-free.

G. Mercury Restrictions

No thermostats, button-cell batteries, lighting equipment or other products containing mercury may be offered or sold on this contract.

H. 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

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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 900 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.

I. 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.

J. 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.

K. Energy-Efficient Motors

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

Climate-Friendly Refrigerants

Contractors are strongly encouraged to offer and clearly label appliances that contain – or are designed to

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use – climate-friendly refrigerants. Approved products can be found at
<https://www.climatefriendlycooling.com/>.