



CITY OF AUSTIN, TEXAS
Purchasing Office
INVITATION FOR BID (IFB)
OFFER SHEET

SOLICITATION NO: GGU0149
DATE ISSUED: AUGUST 10, 2015

COMMODITY/SERVICE DESCRIPTION: DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

PRE-BID CONFERENCE TIME AND DATE: N/A

REQUISITION NO.: RQM-1100-15062500400
COMMODITY CODE: 28576 AND 28580

LOCATION: N/A
BID DUE PRIOR TO: 2:00 PM ON SEPTEMBER 1, 2015

FOR CONTRACTUAL AND TECHNICAL ISSUES CONTACT THE FOLLOWING AUTHORIZED CONTACT PERSON:

BID OPENING TIME AND DATE: 2:15 PM ON SEPTEMBER 1, 2015

GABRIEL GUERRERO

LOCATION: MUNICIPAL BUILDING, 124 W 8th STREET
RM 308, AUSTIN, TEXAS 78701

BUYER II
Phone: (512) 322-6060
E-Mail: gabriel.guerrero@austinenergy.com

LIVE BID OPENING ONLINE:

For information on how to attend the Bid Opening online, please select this link:

<http://www.austintexas.gov/department/bid-opening-webinars>

When submitting a sealed Offer and/or Compliance Plan, use the proper address for the type of service desired, as shown below:

Address for US Mail (Only)	Address for Fedex, UPS, Hand Delivery or Courier Service
City of Austin	City of Austin, Municipal Building
Purchasing Office-Response Enclosed for Solicitation # GGU0149	Purchasing Office-Response Enclosed for Solicitation # GGU0149
P.O. Box 1088	124 W 8 th Street, Rm 308
Austin, Texas 78767-8845	Austin, Texas 78701
	Reception Phone: (512) 974-2500

NOTE: Offers must be received and time stamped in the Purchasing Office prior to the Due Date and Time. It is the responsibility of the Offeror to ensure that their Offer arrives at the receptionist's desk in the Purchasing Office prior to the time and date indicated. Arrival at the City's mailroom, mail terminal, or post office box will not constitute the Offer arriving on time. See Section 0200 for additional solicitation instructions.

All Offers (including Compliance Plans) that are not submitted in a sealed envelope or container will not be considered.

The Vendor agrees, if this Offer is accepted within 120 calendar days after the Due Date, to fully comply in strict accordance with the Solicitation, specifications and provisions attached thereto for the amounts shown on the accompanying Offer.

SUBMIT 1 ORIGINAL AND 2 COPIES OF YOUR RESPONSE

*****SIGNATURE FOR SUBMITTAL REQUIRED ON PAGE 3 OF THIS DOCUMENT*****

This solicitation is comprised of the following required sections. Please ensure to carefully read each section including those incorporated by reference. By signing this document, you are agreeing to all the items contained herein and will be bound to all terms.

SECTION NO.	TITLE	PAGES
0100	STANDARD PURCHASE DEFINITIONS	*
0200	STANDARD SOLICITATION INSTRUCTIONS	*
0300	STANDARD PURCHASE TERMS AND CONDITIONS	*
0400	SUPPLEMENTAL PURCHASE PROVISIONS	8
0500	SPECIFICATIONS E-1792 AND E-1550 PLUS DRAWINGS	24
0600	BID SHEET – Must be completed and returned with Offer	9
0605	LOCAL BUSINESS PRESENCE IDENTIFICATION FORM – Complete & return	2
0700	REFERENCE SHEET – Complete and return if required	2
0800	NON-DISCRIMINATION CERTIFICATION	*
0805	NON-SUSPENSION OR DEBARMENT CERTIFICATION	*
0810	NON-COLLUSION, NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING CERTIFICATION	*
0835	NONRESIDENT BIDDER PROVISIONS – Complete & return	1
0900	MBE/WBE PROCUREMENT PROGRAM PACKAGE NO GOALS FORM – Complete & return	2

*** Documents are hereby incorporated into this Solicitation by reference, with the same force and effect as if they were incorporated in full text. The full text versions of these Sections are available, on the Internet at the following online address:**

http://www.austintexas.gov/financeonline/vendor_connection/index.cfm#STANDARDBIDDOCUMENTS

If you do not have access to the Internet, you may obtain a copy of these Sections from the City of Austin Purchasing Office located in the Municipal Building, 124 West 8th Street, Room #308 Austin, Texas 78701; phone (512) 974-2500. Please have the Solicitation number available so that the staff can select the proper documents. These documents can be mailed, expressed mailed, or faxed to you.

The undersigned, by his/her signature, represents that he/she is submitting a binding offer and is authorized to bind the respondent to fully comply with the solicitation document contained herein. The Respondent, by submitting and signing below, acknowledges that he/she has received and read the entire document packet sections defined above including all documents incorporated by reference, and agrees to be bound by the terms therein.

Company Name: _____

Company Address: _____

City, State, Zip: _____

Federal Tax ID No. _____

Printed Name of Officer or Authorized Representative: _____

Title: _____

Signature of Officer or Authorized Representative: _____

Date: _____

Email Address: _____

Phone Number: _____

*** Completed Bid Sheet, section 0600 must be submitted with this Offer Sheet to be considered for award**

Section 0605: Local Business Presence Identification

A firm (Offeror or Subcontractor) is considered to have a Local Business Presence if the firm is headquartered in the Austin Corporate City Limits, or has a branch office located in the Austin Corporate City Limits in operation for the last five (5) years, currently employs residents of the City of Austin, Texas, and will use employees that reside in the City of Austin, Texas, to support this Contract. The City defines headquarters as the administrative center where most of the important functions and full responsibility for managing and coordinating the business activities of the firm are located. The City defines branch office as a smaller, remotely located office that is separate from a firm's headquarters that offers the services requested and required under this solicitation.

OFFEROR MUST SUBMIT THE FOLLOWING INFORMATION FOR EACH LOCAL BUSINESS (INCLUDING THE OFFEROR, IF APPLICABLE) TO BE CONSIDERED FOR LOCAL PRESENCE.

NOTE: ALL FIRMS MUST BE IDENTIFIED ON THE MBE/WBE COMPLIANCE PLAN OR NO GOALS UTILIZATION PLAN (REFERENCE SECTION 0900).

USE ADDITIONAL PAGES AS NECESSARY

OFFEROR:

Name of Local Firm		
Physical Address		
Is your headquarters located in the Corporate City Limits? (circle one)	Yes	No
or		
Has your branch office been located in the Corporate City Limits for the last 5 years?		
Will your business be providing additional economic development opportunities created by the contract award? (e.g., hiring, or employing residents of the City of Austin or increasing tax revenue?)	Yes	No

SUBCONTRACTOR(S):

Name of Local Firm		
Physical Address		
Is your headquarters located in the Corporate City Limits? (circle one)	Yes	No
or		
Has your branch office been located in the Corporate City Limits for the last 5 years	Yes	No

Will your business be providing additional economic development opportunities created by the contract award? (e.g., hiring, or employing residents of the City of Austin or increasing tax revenue?)	Yes	No

SUBCONTRACTOR(S):

Name of Local Firm		
Physical Address		
Is your headquarters located in the Corporate City Limits? (circle one)	Yes	No
or		
Has your branch office been located in the Corporate City Limits for the last 5 years	Yes	No
Will your business be providing additional economic development opportunities created by the contract award? (e.g., hiring, or employing residents of the City of Austin or increasing tax revenue?)	Yes	No

Section 0700: Reference Sheet

Please include the following information if required in solicitation:

Responding Company Name _____

1. Company's Name _____
Name and Title of Contact _____
Present Address _____
City, State, Zip Code _____
Telephone Number (____)_____ Fax Number (____)_____
Email Address _____

2. Company's Name _____
Name and Title of Contact _____
Present Address _____
City, State, Zip Code _____
Telephone Number (____)_____ Fax Number (____)_____
Email Address _____

3. Company's Name _____
Name and Title of Contact _____
Present Address _____
City, State, Zip Code _____
Telephone Number (____)_____ Fax Number (____)_____
Email Address _____

4. Company's Name _____
Name and Title of Contact _____
Present Address _____
City, State, Zip Code _____
Telephone Number (____) _____ Fax Number (____) _____
Email Address _____

5. Company's Name _____
Name and Title of Contact _____
Present Address _____
City, State, Zip Code _____
Telephone Number (____) _____ Fax Number (____) _____
Email Address _____

Section 0835: Non-Resident Bidder Provisions

Company Name _____

- A. Bidder must answer the following questions in accordance with Vernon's Texas Statutes and Codes Annotated Government Code 2252.002, as amended:

Is the Bidder that is making and submitting this Bid a "Resident Bidder" or a "non-resident Bidder"?

Answer: _____

- (1) Texas Resident Bidder- A Bidder whose principle place of business is in Texas and includes a Contractor whose ultimate parent company or majority owner has its principal place of business in Texas.
- (2) Nonresident Bidder- A Bidder who is not a Texas Resident Bidder.

- B. If the Bidder id a "Nonresident Bidder" does the state, in which the Nonresident Bidder's principal place of business is located, have a law requiring a Nonresident Bidder of that state to bid a certain amount or percentage under the Bid of a Resident Bidder of that state in order for the nonresident Bidder of that state to be awarded a Contract on such bid in said state?

Answer: _____ Which State: _____

- C. If the answer to Question B is "yes", then what amount or percentage must a Texas Resident Bidder bid under the bid price of a Resident Bidder of that state in order to be awarded a Contract on such bid in said state?

Answer: _____

Section 0900: Minority- and Women-Owned Business Enterprise (MBE/WBE) Procurement Program No Goals Form

SOLICITATION NUMBER:	GGU0149
PROJECT NAME:	DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

The City of Austin has determined that no goals are appropriate for this project. Even though goals were not assigned for this solicitation, the Bidder/Proposer is required to comply with the City's MBE/WBE Procurement Program, if areas of subcontracting are identified.

If any service is needed to perform the Contract and the Bidder/Proposer does not perform the service with its own workforce or if supplies or materials are required and the Bidder/Proposer does not have the supplies or materials in its inventory, the Bidder/Proposer shall contact the Small and Minority Business Resources Department (SMBR) at (512) 974-7600 to obtain a list of MBE and WBE firms available to perform the service or provide the supplies or materials. The Bidder/Proposer must also make a Good Faith Effort to use available MBE and WBE firms. Good Faith Efforts include but are not limited to contacting the listed MBE and WBE firms to solicit their interest in performing on the Contract, using MBE and WBE firms that have shown an interest, meet qualifications, and are competitive in the market; and documenting the results of the contacts.

Will subcontractors or sub-consultants or suppliers be used to perform portions of this Contract?

No _____ **If no, please sign the No Goals Form and submit it with your Bid/Proposal in a sealed envelope**

Yes _____ **If yes, please contact SMBR to obtain further instructions and an availability list and perform Good Faith Efforts. Complete and submit the No Goals Form and the No Goals Utilization Plan with your Bid/Proposal in a sealed envelope.**

After Contract award, if your firm subcontracts any portion of the Contract, it is a requirement to complete Good Faith Efforts and the No Goals Utilization Plan, listing any subcontractor, sub-consultant, or supplier. Return the completed Plan to the Project Manager or the Contract Manager.

I understand that even though goals were not assigned, I must comply with the City's MBE/WBE Procurement Program if subcontracting areas are identified. I agree that this No Goals Form and No Goals Utilization Plan shall become a part of my Contract with the City of Austin.	

Company Name	

Name and Title of Authorized Representative (Print or Type)	

Signature	Date

Minority- and Women-Owned Business Enterprise (MBE/WBE) Procurement Program No Goals Utilization Plan
 (Please duplicate as needed)

SOLICITATION NUMBER:	GGU0149
PROJECT NAME:	DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

PRIME CONTRACTOR / CONSULTANT COMPANY INFORMATION

Name of Contractor/Consultant			
Address			
City, State Zip			
Phone Number		Fax Number	
Name of Contact Person			
Is Company City certified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	MBE <input type="checkbox"/> WBE <input type="checkbox"/> MBE/WBE Joint Venture <input type="checkbox"/>

I certify that the information included in this No Goals Utilization Plan is true and complete to the best of my knowledge and belief. I further understand and agree that the information in this document shall become part of my Contract with the City of Austin.

Name and Title of Authorized Representative (Print or Type)

Signature

Date

Provide a list of all proposed subcontractors / sub-consultants / suppliers that will be used in the performance of this Contract. **Attach Good Faith Effort documentation if non MBE/WBE firms will be used.**

Sub-Contractor / Sub-Consultant			
City of Austin Certified	MBE <input type="checkbox"/>	WBE <input type="checkbox"/>	Ethics / Gender Code: <input type="checkbox"/> Non-Certified
Vendor ID Code			
Contact Person		Phone Number	
Amount of Subcontract	\$		
List commodity codes & description of services			

Sub-Contractor / Sub-Consultant			
City of Austin Certified	MBE <input type="checkbox"/>	WBE <input type="checkbox"/>	Ethics / Gender Code: <input type="checkbox"/> Non-Certified
Vendor ID Code			
Contact Person		Phone Number	
Amount of Subcontract	\$		
List commodity codes & description of services			

FOR SMALL AND MINORITY BUSINESS RESOURCES DEPARTMENT USE ONLY:			
Having reviewed this plan, I acknowledge that the proposer (HAS) or (HAS NOT) complied with City Code Chapter 2-9A/B/C/D, as amended.			
Reviewing Counselor _____	Date _____	Director/Deputy Director _____	Date _____

**CITY OF AUSTIN
PURCHASING OFFICE
SUPPLEMENTAL PURCHASE PROVISIONS (IFB GGU0149)**

The following Supplemental Purchasing Provisions apply to this solicitation:

1. **EXPLANATIONS OR CLARIFICATIONS:** (reference paragraph 5 in Section 0200)

All requests for explanations or clarifications must be submitted in writing to the Purchasing Office not later than (5) calendar days prior to bid opening. Submissions may be made via e-mail to: gabriel.guerrero@austinenergy.com or via fax at (512) 322-6174

2. **INSURANCE:** Insurance is required for this solicitation.

A. **General Requirements:** See Section 0300, Standard Purchase Terms and Conditions, paragraph 32, entitled Insurance, for general insurance requirements.

- i. The Contractor shall provide a Certificate of Insurance as verification of coverages required below to the City at the below address prior to contract execution and within 14 calendar days after written request from the City. Failure to provide the required Certificate of Insurance may subject the Offer to disqualification from consideration for award
- ii. The Contractor shall not commence work until the required insurance is obtained and until such insurance has been reviewed by the City. Approval of insurance by the City shall not relieve or decrease the liability of the Contractor hereunder and shall not be construed to be a limitation of liability on the part of the Contractor.
- iii. The Contractor must also forward a Certificate of Insurance to the City whenever a previously identified policy period has expired, or an extension option or holdover period is exercised, as verification of continuing coverage.
- iv. The Certificate of Insurance, and updates, shall be mailed to the following address:

City of Austin Purchasing Office
Attn: [\(All City Contracts\)](#)
721 Barton Springs Road
Austin, Texas 78704

B. **Specific Coverage Requirements:** The Contractor shall at a minimum carry insurance in the types and amounts indicated below for the duration of the Contract, including extension options and hold over periods, and during any warranty period. These insurance coverages are required minimums and are not intended to limit the responsibility or liability of the Contractor.

- i. **Worker's Compensation and Employers' Liability Insurance:** Coverage shall be consistent with statutory benefits outlined in the Texas Worker's Compensation Act (Section 401). The minimum policy limits for Employer's Liability are \$100,000 bodily injury each accident, \$500,000 bodily injury by disease policy limit and \$100,000 bodily injury by disease each employee.
 - (1) The Contractor's policy shall apply to the State of Texas and include these endorsements in favor of the City of Austin:
 - (a) Waiver of Subrogation, Form WC420304, or equivalent coverage
 - (b) Thirty (30) days Notice of Cancellation, Form WC420601, or equivalent coverage
- ii. **Commercial General Liability Insurance:** The minimum bodily injury and property damage per occurrence are \$500,000 for coverages A (Bodily Injury and Property Damage) and B (Personal and Advertising Injury).
 - (1) The policy shall contain the following provisions:
 - (a) Contractual liability coverage for liability assumed under the Contract and all other Contracts related to the project.
 - (b) Contractor/Subcontracted Work.
 - (c) Products/Completed Operations Liability for the duration of the warranty period.
 - (d) If the project involves digging or drilling provisions must be included that provide Explosion, Collapse, and/or Underground Coverage.

**CITY OF AUSTIN
PURCHASING OFFICE
SUPPLEMENTAL PURCHASE PROVISIONS (IFB GGU0149)**

- (2) The policy shall also include these endorsements in favor of the City of Austin:
 - (a) Waiver of Subrogation, Endorsement CG 2404, or equivalent coverage
 - (b) Thirty (30) days Notice of Cancellation, Endorsement CG 0205, or equivalent coverage
 - (c) The City of Austin listed as an additional insured, Endorsement CG 2010, or equivalent coverage
- iii. **Business Automobile Liability Insurance:** The Contractor shall provide coverage for all owned, non-owned and hired vehicles with a minimum combined single limit of \$500,000 per occurrence for bodily injury and property damage. Alternate acceptable limits are \$250,000 bodily injury per person, \$500,000 bodily injury per occurrence and at least \$100,000 property damage liability per accident.
 - (1) The policy shall include these endorsements in favor of the City of Austin:
 - (a) Waiver of Subrogation, Endorsement CA0444, or equivalent coverage
 - (b) Thirty (30) days Notice of Cancellation, Endorsement CA0244, or equivalent coverage
 - (c) The City of Austin listed as an additional insured, Endorsement CA2048, or equivalent coverage.
- C. **Endorsements:** The specific insurance coverage endorsements specified above, or their equivalents must be provided. In the event that endorsements, which are the equivalent of the required coverage, are proposed to be substituted for the required coverage, copies of the equivalent endorsements must be provided for the City's review and approval.

3. TERM OF CONTRACT:

- A. The Contract shall be in effect for an initial term of thirty-six (36) months and may be extended thereafter for up to three (3) additional twelve (12) month periods, subject to the approval of the Contractor and the City Purchasing Officer or his designee.
 - B. Upon expiration of the initial term or period of extension, the Contractor agrees to hold over under the terms and conditions of this agreement for such a period of time as is reasonably necessary to re-solicit and/or complete the project (not to exceed 120 days unless mutually agreed on in writing).
 - C. Upon written notice to the Contractor from the City's Purchasing Officer or his designee and acceptance of the Contractor, the term of this contract shall be extended on the same terms and conditions for an additional period as indicated in paragraph A above.
 - D. Prices are firm and fixed for the first twelve (12) months. Thereafter, price changes are subject to the Economic Price Adjustment provisions of this Contract.
4. **QUANTITIES:** The quantities listed herein are estimates for the period of the Contract. The City reserves the right to purchase more or less of these quantities as may be required during the Contract term. Quantities will be as needed and specified by the City for each order. Unless specified in the solicitation, there are no minimum order quantities.
5. **DEPARTMENTS:** The contract will be utilized by the Austin Energy Department. The City reserves the right to allow other City Departments to utilize the contract.
6. **DELIVERY REQUIREMENTS:** Delivery sites shall include but are not limited to:

Delivery Location:	Receiving Hours :
Austin Energy St. Elmo Warehouse and Yard 4411 Meinardus Drive, Building W Austin, TX 78744	Monday through Friday Hours: 7:00 am to 3:00 pm

**CITY OF AUSTIN
PURCHASING OFFICE
SUPPLEMENTAL PURCHASE PROVISIONS (IFB GGU0149)**

- A. Delivery is to be made within fifty-six (56) calendar days after the order is placed in writing. All orders must be shipped complete unless arrangements for partial shipments are made in advance.
- B. Shipping and Delivery
 - 1. Hardware such as bolts, nuts and washers shall be shipped in boxes or crates. Individual boxes or crates are not to exceed 150 pounds in weight. Each box shall contain like pieces. The boxes or crates shall be of sufficient strength to resist failure during transit, storage and subsequent handling in the field under dry or wet conditions.
 - 2. All shipping containers shall be plainly marked by stencil or firmly fastened tag with the following information.
 - a. Purchase Order Number
 - b. Contract bid Item Number
 - c. Quantity Contained
 - d. Project Name
 - 3. All poles shall be shipped on flat bed trailers. Pole sections shall be placed so that a minimum Clearance of four (4) inches is provided between the poles and floor of the trailer. Pole sections shall be stacked with timber separators (oak or pine), but not more than three (3) tiers high. Structures shall be placed carefully to prevent damage to finish or distortion of structures during transit. Nylon straps shall be used to load, secure and unload. Damage to paint finish during shipping shall be cause for rejection.
- C. The Contractor shall provide, with each delivery, a Shipping or Delivery Ticket showing the description of each item, quantity, and unit price.
- D. The Contractor shall confirm the quantity to be shipped on all orders within two (2) hours of notification from the City.
- E. On each order, Austin Energy will note the required decorative lighting style, voltage, wattage, paint color, and type of lamps (LED, metal halide or high pressure sodium).
- F. The Contractor shall not deliver any material that is not specifically requested in writing by the City's designated representative(s). The purchase order number shall be listed on all Invoices submitted for payment by the Contractor.
- G. Unless requested by the City, deliveries shall not be made on City-recognized legal holidays (see paragraph 51 in Section 0300).

7. **DELIVERY PERFORMANCE**

- A. The City will monitor Vendor's delivery performance by noting and recording Vendors' order receipt dates ("Receipt Date"), and comparing them with Vendor quoted delivery dates ("Delivery Date") in accordance with the information provided at the time of order or the requirements of this Contract; this information will be compiled quarterly into a report ("Report"). The City will monitor Vendor's delivery performance at random and provide a formal Report to the Vendor at the end of each calendar quarter ("Vendor Performance Review").
- B. Each order will be scored as follows: The sum of the:

$$\frac{\text{Number of orders received on time}}{\text{Total number of orders received}} = \% \text{ On-Time (" \% On-Time")}$$

**CITY OF AUSTIN
PURCHASING OFFICE
SUPPLEMENTAL PURCHASE PROVISIONS (IFB GGU0149)**

For this proposed Contract the Goal shall be 95 % On-Time. For example: if, during the month of July, 72 orders were received on-time, and 2 other orders were delivered late then the % On-Time is the quotient of the number of orders delivered on-time divided by the total number of orders delivered. In this example the Goal is 95%; the math is: 72 (orders delivered on-time)/(72 + (2 orders delivered late) = 74 total orders delivered), or 72/74 equals 97%. Since 97% is greater than this example's Goal of 95%, this month's deliveries meet the Contract Requirements.

If the on-time delivery score falls below the goal, the City will notify the Contractor by email.

- i. If the on-time delivery score is below the goal for two or more consecutive quarters, the City may require the supplier to provide a delivery improvement plan in writing.
- ii. If the on-time delivery score consistency falls below the goal, the City may cancel the contract.
- iii. See Section 0300, Standard Purchase Terms & Conditions page 7, Sec. 27 TERMINATION FOR CAUSE & Sec. 28 TERMINATION WITHOUT CAUSE for further details.

- C. Request for correction. Contractor may request a correction to a Report based on a perceived discrepancy in an/multiple order(s). Such requests must be issued in writing within (7) seven calendar days after email release to Vendor of the most recent Vendor Performance Review. The request shall include credible documentation, such as a proof of delivery, substantiating Vendor's claims. Correction requests should be emailed to the person listed as the Contract Manager named in these 0400s and may be copied to the Buyer and or the person who sent or presented the Vendor Performance Review. City will review and make corrections to the Report as appropriate.

8. INVOICES and PAYMENT: (reference paragraphs 12 and 13 in Section 0300)

- A. Invoices shall contain a unique invoice number and the information required in Section 0300, paragraph 12, entitled "Invoices." Invoices received without all required information cannot be processed and will be returned to the vendor.

Invoices shall be mailed to the below address:

	City of Austin
Department	Austin Energy
Attn:	Payments Section
Address	PO Box 3546
City, State Zip Code	Austin, Texas 78764

- B. The Contractor agrees to accept payment by either check or Electronic Funds Transfer (EFT) for all goods and/or services provided under the Contract.

**CITY OF AUSTIN
PURCHASING OFFICE
SUPPLEMENTAL PURCHASE PROVISIONS (IFB GGU0149)**

9. MATERIALS SPECIFICATIONS/DESCRIPTIVE LITERATURE:

- A. If a solicitation refers to a Qualified Products List (QPL), Standard Products List (SPL) or a manufacturer's name and product, any Offeror offering products not referenced in the solicitation should submit as part of their Offer materials specifications/descriptive literature for the non-referenced product. Materials specifications/descriptive literature should be identified to show the item(s) in the Offer to which it applies.
- B. Materials specifications/descriptive literature are defined as product manufacturer's catalog pages, "cut sheets" applicable tests results, or related detailed documents that specify material construction, performance parameters, and any industrial standards that are applicable such as ANSI, ASTM, ASME, SAE, NFPA, NBS, EIA, ESL, and NSA. The submitted materials specifications/descriptive literature should include the manufacturer's name and product number of the product being offered.
- C. The failure of the materials specifications/descriptive literature to show that the product offered conforms to the requirements of the Solicitation shall result in rejection of the Offer.
- D. Failure to submit the materials specifications/descriptive literature as part of the Offer may subject the Offer to disqualification from consideration for award.

10. SAMPLES – EXACT REPLICA:

- A. It is not the intent of the City to limit the selection of poles to an exact duplication of the drawings included with this solicitation. The drawings are included as a guideline for similar styles. The Bidder with the Lowest Responsive Bid that meets similarity of style, Austin Energy technical specifications under E-1550 and/or E-1792 (equal or better) and delivery requirements will be recommended for contract award. The fixture and pole must be standard. "Off the shelf" items are not special order.
- B. If requested, the Bidder shall submit an exact replica of their goods to be provided. The replica(s) shall be provided within fourteen (14) calendar days after notification by the City.
- C. If the Bidder's replica or replicas do not meet the minimum requirements of the solicitation, the City may request a sampler per B above from another Bidder.
- D. Send samples to the City at the following address:

City of Austin	
Department	Austin Energy: Distribution Materials Standards Group
Address	4411-B Meinardus Dr.
City, State Zip Code	Austin, TX 78744
Attn:	Michael Pittman, Dennis Patrick or Lee Emmick

- E. All products provided to the City under this solicitation will be evaluated or tested and must meet all requirements of the specification, regardless of whether or not all requirements are to be evaluated or tested.
- F. Samples will be provided at no cost to the City, will be retained by the City, and may be used for use in assuring compliance with materials specifications after award. Failure to supply samples when requested shall subject the Offer to disqualification from consideration for award.

**CITY OF AUSTIN
PURCHASING OFFICE
SUPPLEMENTAL PURCHASE PROVISIONS (IFB GGU0149)**

G. Samples will be evaluated or tested as follows:

1. Ease of Pole Installation
 - a. In order for the pole to be approved, strong emphasis will be placed on ease of installation. Bidder shall provide pole base covers with appropriately sized hand hole(s) that will provide easy installation onto the street light foundation. The hand hole(s) shall allow easy access to the four bolts located on the street light foundation. If the installation is determined to be difficult during bid evaluation, the poles will be rejected.
2. The Bidder shall submit poles; luminaire fixtures and base covers similar in style to the Austin Energy decorative pole styles. All materials submitted by the Bidder shall reference The pole style (specification E-1550, Section 3.2 and/or E-1792, Section 13.2), the bidder's catalog and/or part number.

11. **HAZARDOUS MATERIALS:**

- A. If this Solicitation involves hazardous materials, the Offeror should furnish with the Offer Material Safety Data Sheets (MSDS), (OSHA Form 20), on all chemicals and hazardous materials specifying the generic and trade name of product, product specification, and full hazard information including receiving and storage hazards. Instructions, special equipment needed for handling, information on approved containers, and instructions for the disposal of the material are also required.
- B. Failure to submit the MSDS as part of the Offer may subject the Offer to disqualification from consideration for award.
- C. The MSDS, instructions and information required in paragraph "A" must be included with each shipment under the contract.

12. **ECONOMIC PRICE ADJUSTMENT:**

- A. **Price Adjustments:** Prices shown in this Contract shall remain firm for the first twelve (12) months period of the Contract. After that, in recognition of the potential for fluctuation of the Contractor's cost, a price adjustment (increase or decrease) may be requested by either the City or the Contractor on the anniversary date of the Contract or as may otherwise be specified herein. The percentage change between the contract price and the requested price shall not exceed the percentage change between the specified index in effect on the date the solicitation closed and the most recent, non-preliminary data at the time the price adjustment is requested. The requested price adjustment shall not exceed fifteen percent (15%) for any single line item and in no event shall the total amount of the contract be automatically adjusted as a result of the change in one or more line items made pursuant to this provision. Prices for products or services unaffected by verifiable cost trends shall not be subject to adjustment.
- B. **Effective Date:** Approved price adjustments will go into effect on the first day of the upcoming renewal period or anniversary date of contract award and remain in effect until contract expiration unless changed by subsequent amendment.
- C. **Adjustments:** A request for price adjustment must be made in writing and submitted to the other Party prior to the yearly anniversary date of the Contract; adjustments may only be considered at that time unless otherwise specified herein. Requested adjustments must be solely for the purpose of accommodating changes in the Contractor's direct costs. Contractor shall provide an updated price listing once agreed to adjustment(s) have been approved by the parties.
- D. **Indexes:** In most cases an index from the Bureau of Labor Standards (BLS) will be utilized; however, if there is more appropriate, industry recognized standard then that index may be selected.

**CITY OF AUSTIN
PURCHASING OFFICE
SUPPLEMENTAL PURCHASE PROVISIONS (IFB GGU0149)**

- i. The following definitions apply:
 - (1) **Base Period:** Month and year of the original contracted price (the solicitation close date).
 - (2) **Base Price:** Initial price quoted, proposed and/or contracted per unit of measure.
 - (3) **Adjusted Price:** Base Price after it has been adjusted in accordance with the applicable index change and instructions provided.
 - (4) **Change Factor:** The multiplier utilized to adjust the Base Price to the Adjusted Price.
 - (5) **Weight %:** The percent of the Base Price subject to adjustment based on an index change.
- ii. **Adjustment-Request Review:** Each adjustment-request received will be reviewed and compared to changes in the index(es) identified below. Where applicable:
 - (1) Utilize final Compilation data instead of Preliminary data
 - (2) If the referenced index is no longer available shift up to the next higher category index.
- iii. **Index Identification:** Complete table as they may apply.

Weight % or \$ of Base Price: 100%	
Database Name: Producer Price Index Industry Data	
Series ID: PCU335129	
<input checked="" type="checkbox"/> Not Seasonally Adjusted	<input type="checkbox"/> Seasonally Adjusted
Geographical Area: All	
Description of Series ID: PCU3351293351291 Outdoor lighting equipment manufacturing/product: Outdoor lighting equipment (including parts and accessories)	
This Index shall apply to the following items of the Bid Sheet / Cost Proposal: 1 - 12	

Weight % or \$ of Base Price: 100%	
Database Name: Producer Price Index Industry Data	
Series ID: PCU332323	
<input checked="" type="checkbox"/> Not Seasonally Adjusted	<input type="checkbox"/> Seasonally Adjusted
Geographical Area: All	
Description of Series ID: PCU33232333232391 Other aluminum and metal architectural and ornamental work.	
This Index shall apply to the following items of the Bid Sheet / Cost Proposal: 13 - 51	

E. **Calculation:** Price adjustment will be calculated as follows:

Single Index: Adjust the Base Price by the same factor calculated for the index change.

Index at time of calculation
Divided by index on solicitation close date
Equals Change Factor
Multiplied by the Base Rate
Equals the Adjusted Price

F. If the requested adjustment is not supported by the referenced index, the City, at its sole discretion, may consider approving an adjustment on fully documented market increases.

**CITY OF AUSTIN
PURCHASING OFFICE
SUPPLEMENTAL PURCHASE PROVISIONS (IFB GGU0149)**

13. **CONTRACT MANAGER**: The following person is designated as Contract Manager, and will act as the contact point between the City and the Contractor during the term of the Contract:

Gina Willett
Contract Compliance Specialist Senior

Austin Energy, Materials Control Section
Town Lake Center

721 Barton Springs Road
Austin, Texas 78704

Phone number: (512) 322.6356 Fax number: (512) 322-6390
E-mail address: gina.willett@austinenergy.com

*Note: The above listed Contract Manager is not the authorized Contact Person for purposes of the **NON-COLLUSION, NON-CONFLICT OF INTEREST, AND ANTI-LOBBYING Provision** of this Section; and therefore, contact with the Contract Manager is prohibited during the no contact period.

AUSTIN ENERGY

PURCHASE SPECIFICATION

AUSTIN ENERGY

FOR

LUMINAIRE AND POLE, LED, DECORATIVE, 100W EQUIV, 120V

<u>DATE</u>	<u>PREPARED BY</u>	<u>ISSUANCE/REVISION</u>	<u>APPROVAL</u> <u>DIVISION MANAGER/STANDARDS MANAGER</u>
4/3/15	Lee Emmick	Issuance	

REASON FOR REVISION

AFFECTED PARAGRAPHS

This specification, until rescinded, shall apply to each future purchase and contract for the commodity described herein.
Retain for future reference.

THIS PAGE BLANK

1.0 SCOPE

This specification shall define the minimum physical and electrical characteristics required by Austin Energy (AE) for poles and Light Emitting Diode (LED) Decorative luminaires of the enclosed, pendant or post top style lights which have integral drivers and photoelectric control receptacles. The Decorative LED luminaires shall be used for street lighting within select neighborhoods.

2.0 CLASSIFICATION

The requirements herein shall apply to LED luminaires of the following wattages, style, and voltage.

- 2.1 100-watt equivalent LED, U0 dark sky compliant 120/208/240/277-volt "pendant" style with ROAM compatible photo control receptacles and photometrics in compliance with section 7.1 of this specification. Amerlux model DPM-2/T3 or T5/XL or XH/Sunset Valley, or AE standards engineering approved equal.
- 2.2 100-watt equivalent, LED, U0 dark sky compliant 120/208/240/277-volt "post top" style with ROAM compatible photo control receptacles and photometrics in compliance with section 7.2 of this specification. Amerlux model AVI-T3 or T5/XL/Town Lake, or AE standards engineering approved equal.

3.0 APPLICABLE STANDARDS

All characteristics, definitions, and terminology, except as specifically covered in this specification shall be in accordance with the latest revision of the following ANSI standards:

- 3.1 ANSI C136.2 - Roadway lighting luminaires - voltage classification.
- 3.2 ANSI C136.3 - Roadway lighting equipment luminaire attachments.
- 3.3 ANSI C136.10 - Roadway lighting equipment locking-type photocontrol devices and mating receptacles physical and electrical interchangeability and testing.
- 3.4 ANSI C136.16 – Enclosed, post top mounted luminaires
- 3.5 ANSI C136.21 – Vertical tenons used with post top mounted luminaires
- 3.6 ANSI C136.25 - Roadway lighting equipment – ingress protection (IP 66)
- 3.7 ANSI C136.31 - Roadway lighting vibration – 3G vibration test
- 3.8 ANSI C136.36A– Aluminum Lighting Poles
- 3.9 ANSI C136.36C – Steel roadway and area lighting poles
- 3.10 ANSI C136.37 - Roadway lighting equipment – solid state light sources
- 3.11 ANSI C136.41 - Roadway and area lighting equipment – dimming control between an external locking type photocontrol and driver
- 3.12 ANSI C136.1110 - Roadway lighting equipment - multiple sockets.
- 3.13 ANSI/IES RP-8 - Practice for roadway lighting.
- 3.14 ANSI/IES LM-79 - Electrical and Photometric Measurements of Solid-State Lighting Products.
- 3.15 ANSI/IES TM-15-11 - Luminaire Classification System for Outdoor Luminaires (B-U-G).
- 3.16 ANSI/IES LM-63 - Standard File Format for Electronic Transfer of Photometric Data and Related Information.

4.0 GENERAL

- 4.1 The light shall be commercially available. Prototypes will not be accepted unless approved by Engineering Standards.
- 4.2 The fixture shall use at least 55% less energy compared to its commercially available High Pressure Sodium counterpart. Maximum wattage acceptable would be 58W for HPS 100W equivalent.
- 4.3 A full sheet of product specifications shall be submitted prior to award of contract. IES files must be available on manufacturer's website. Warranty information shall be submitted prior to award of contract, and warranty shall cover all parts including the driver and have a minimum 10 year warranty.
- 4.4 Fixture shall be designed to meet IESNA lighting standards per RP-8. Types III and V distribution patterns should be readily available. Fixture shall also meet IES TM-15 for B-U-G rating, with U0 rating. Electronic IES Files shall be submitted prior to award of contract. Fixture shall also meet Designlights Consortium Qualified Products List (DLC QPL) specifications and requirements.
- 4.5 Fixture shall be tested by a third party or NVLAP lab in accordance with the latest revision of LM-79 and LM-80. Documentation shall be submitted electronically to Standards Engineering after request from Austin Energy.

5.0 FIXTURES

- 5.1 The luminaire fixtures shall be constructed of precision die cast aluminum with an extruded aluminum heat-sink element. The fixture shall enclose the slip fitter, LED's, surge protective device (SPD), and driver components. These components shall be mounted to the fixture by means of a quick disconnect for ease of maintenance.
- 5.2 The fixture shall be adequately enclosed with a metal wildlife guard to prevent entrance of birds in the electrical connection area and insects in the lamp area.
- 5.3 The upper and lower sections of the fixture shall be joined by an integrally cast hinge pin at the mounting end with a positive spring loaded latch or a stainless steel bail at the latch end.
 - 5.3.1 The hinge shall hold the lower section firmly in place when closed and shall be designed so that the lower section, when free-swinging, will not accidentally disengage.
 - 5.3.2 The latch shall secure the lower section of the fixture to the upper one, permit access to the lamp and electrical connection compartment and be operable with protective gloves but without tools.
- 5.4 Provisions shall be made within the luminaire to permit leveling of the unit.
 - 5.4.1 A leveling bubble device shall be mounted so as to be viewable from ground level.
- 5.5 The luminaire fixture shall be sufficiently sized to allow the operation of all components within their designed operating temperatures.
- 5.6 The complete luminaire shall have an effective projected area (EPA) not to exceed 1.5 sq. ft. and weight (including lamp) of less than 45 lbs.
- 5.7 Color of the luminaire shall be as specified, Green/GRN (RAL 6009), Black/BLK (RAL 6591), or Bronze/CLB (RAL 8014) polyester powder coat finish.
- 5.8 Materials and protective coatings used for the luminaire assembly, including but not limited to screws, bolts, latches, hinges and mounting assembly shall individually and as a system be resistant to atmospheric conditions, including the corrosive and erosive action of conditions of service encountered in industrial and seaboard areas. All screws, bolts, latches and hinges shall be made of stainless steel.
- 5.9 The optics enclosure of the fixture, driver, and SPD shall be rated IP 66 or better.

5.10 US, UL, DLC QPL, Outdoor and Wet Listed.

6.0 SLIPFITTER

- 6.1 The slipfitter shall be capable of accepting a 1-1/2 in. NPS pendant tenon for pendant style fixture and a 3" Dia. Tenon for post top style tenon., in accordance with ANSI C136.16 and ANSI C136.21 latest revision thereof.
- 6.2 The slipfitter shall provide a shoulder or stop to limit the depth of insertion of the pipe tenon during installation.
- 6.3 The slipfitter shall have provisions for clamping the luminaire securely to the tenon and for leveling through no less than three (3) degrees from the axis of the attachment with respect to the horizontal.
- 6.4 The slipfitter shall be equipped with a fixed-in-place metal wildlife guard.
- 6.5 Slipfitter shall be secured to the mast arm by a minimum of two (2) bolts or threaded studs for secure mounting.

7.0 PHOTOMETRICS

7.1 100 Watt Equivalent LED Pendant type Luminaires

- 7.1.1 The 100-watt equivalent LED mast arm mounted luminaire shall be IES upright rating U0 and, when mounted 25 feet above the midpoint of either long side of a rectangular area 80 feet by 30 feet, shall provide a measured minimum intensity of 0.2 footcandle at any point on the surface of the area. The roadway width shall be thirty (30) feet wide with a mounting height of 25 feet when calculating photometrics. Luminaire location shall have a minimum spacing of 150 feet apart and maintain a minimum average of 0.5 footcandles. Grid point spaced according to IESNA RP-8 for a roadway with two 15 foot lanes.
- 7.1.2 The maximum to minimum horizontal illuminance uniformity ratio shall not exceed 12:1 within the above mentioned rectangular area.
- 7.1.3 The average to minimum ratio shall not exceed 6.0:1 within the above mentioned roadway area.
- 7.1.4 The luminaries shall meet the photometric requirements shown above, when energized at 100 percent of rated line voltage. Tests shall be run with the fixture in the level position.
- 7.1.5 Certified test reports shall be submitted, by the bidder, prior to the award of contract for the 100 watt equivalent LED fixture, showing compliance to the specifications described herein. These test reports shall include, but not be limited to IES files and ISO ft.-candle contours with numeric points of light expressed in ft.-candles associated with each contour. The ISO ft.-candle contour shall be mapped on the horizontal planes with the location of the fixture clearly marked.
- 7.1.6 The luminaries shall have a power factor > 0.90.
- 7.1.7 The luminaries shall have a color temperature of 4000k, plus or minus 275k.
- 7.1.8 The luminaries shall have a nominal CRI > 70 and a minimum CRI > 65.
- 7.1.9 The luminaries shall have a efficacy of 92 lm/W or better.
- 7.1.10 Fixture shall have > 92% lumen maintenance at 60,000 hours of minimum operational life at an average operating time of 11.5 hours per night at an ambient of 40 degrees Celsius.
- 7.1.11 LLF as calculated in Section 8.

7.2 100 Watt Equivalent LED Post Top Type Luminaires

- 7.2.1 The 100-watt equivalent LED mast arm mounted luminaire shall be IES upright rating U0 and, when mounted 16 feet above the midpoint of either long side of a rectangular area 80 feet by 30 feet, shall provide a measured minimum intensity of 0.2 footcandle at any point on the surface of the area. The roadway width shall be thirty (30) feet wide with a mounting height of 16 feet when calculating photometrics. Luminaire location shall have a minimum spacing of 150 feet apart and maintain a minimum average of 0.5 footcandles. Grid point spaced according to IESNA RP-8 for a roadway with two 15 foot lanes.
- 7.2.2 The maximum to minimum horizontal illuminance uniformity ratio shall not exceed 12:1 within the above mentioned rectangular area.
- 7.2.3 The average to minimum ratio shall not exceed 4.0:1 within the above mentioned roadway area.
- 7.2.4 The luminaries shall meet the photometric requirements shown above, when energized at 100 percent of rated line voltage. Tests shall be run with the fixture in the level position.
- 7.2.5 Certified test reports shall be submitted, by the bidder, prior to the award of contract for the 100 watt equivalent LED fixture, showing compliance to the specifications described herein. These test reports shall include, but not be limited to IES files and ISO ft.-candle contours with numeric points of light expressed in ft.-candles associated with each contour. The ISO ft.-candle contour shall be mapped on the horizontal planes with the location of the fixture clearly marked.
- 7.2.6 The luminaries shall have a power factor > 0.90.
- 7.2.7 The luminaries shall have a color temperature of 4000k, plus or minus 275k.
- 7.2.8 The luminaries shall have a nominal CRI > 70 and a minimum CRI > 65.
- 7.2.9 The luminaries shall have an efficacy of 92 lm/W or better.
- 7.2.10 Fixture shall have > 92% lumen maintenance at 60,000 hours of minimum operational life at an average operating time of 11.5 hours per night at an ambient of 40 degrees Celsius.
- 7.2.11 LLF as calculated in Section 8.

7.3 Luminaire Up Light

- 7.3.1 All Luminaires shall be U0 with no light above 90 degrees per the photometric requirements listed above. Luminaire shall have a B-U-G rating with an Uplight value of U0.
- 7.4 Individual LED's shall be constructed such that a catastrophic loss or failure of one LED will not result in the loss of the entire fixture.

8.0 **LIGHT LOSS FACTOR CALCULATION**

- 8.1 Calculations shall be for maintained values, i.e. Light Loss Factor (LLF) < 1.0, where $LLF = LLD \times LDD \times LATF$, and
 - 8.1.1 Lamp Lumen Depreciation (LLD) factor shall be provided in the manufacturer's documentation per TM-21 calculations.
 - 8.1.2 Luminaire Dirt Depreciation (LDD) = 0.90, as per IES DG-4 for an enclosed and gasketed roadway luminaire installed in an environment with less than $150 \mu\text{g}/\text{m}^3$ airborne particulate matter and cleaned every four years.

8.1.3 Luminaire Ambient Temperature Factor (LATF) = 1.00

9.0 TERMINAL BOARD

- 9.1 The terminal board shall be a three (3) position type molded plastic, porcelain or buyer approved equivalent material with protective barriers between each contact the terminal board shall be mounted to the upper fixture section of the luminaire.
- 9.2 All contact on the terminal board shall be captive type corrosion resistant with slotted head screws and equipped with wire grips and capable of accepting number 6 to number 14 AWG stranded or solid aluminum or copper conductors.
- 9.3 The terminal board shall be located so that there is adequate accessibility to it for connecting the supply leads when wearing rubber protective gloves and without the removal or replacement of internal components.
- 9.4 Components shall be pre-wired to the terminal board requiring only power connection to clearly identified terminals. A green insulated #12 stranded wire shall be prewired from the housing ground terminal to the ground terminal on the terminal board. Ring terminals shall be used for the connecting of the wire. The wiring diagram shall be permanent, apparent, legible, and affixed inside the luminaire. The diagram shall indicate the photoelectric receptacle, SPD and driver circuit, the LED board and coded terminal block connections.
- 9.5 All wire shall be insulated at a minimum to operate at 125 degrees centigrade.
- 9.6 All wire connectors shall be made with "amp type" push on terminal connectors. Wire nuts are unacceptable.

10.0 PHOTOELECTRIC CONTROL RECEPTACLE

- 10.1 Photoelectric control receptacle shall be molded plastic and shall be capable of securely positioning the photoelectric control in any necessary direction.
- 10.2 Electric contacts of the photoelectric control receptacle shall be tin plated bronze. Plated steel contacts are not acceptable.
- 10.3 Photoelectric control receptacle shall meet all applicable provisions of ANSI C136.10 and ANSI C136.41, latest revision.
- 10.4 Receptacle shall be 7-pole, 7-wire locking type and shall be pre-wired to the terminal board.
- 10.5 Receptacle shall be ROAM compatible with integral dimming control capabilities.

11.0 DRIVER/SURGE PROTECTOR DEVICE (SPD)

- 11.1 Fixture driver shall be dimmable and compatible with ROAM lighting control system.
- 11.2 The 120V, 10kA surge protection device (SPD) shall meet or exceed ANSI C136.2 10kV BIL, UL 1449 and ANSI/IEEE C62.41-2002 Category C High Exposure; MVOLT surge protection shall meet or exceed Category C. Surge protection shall be separate from the driver. If the SPD should fail in such a way, the luminaries will no longer operate and the SPD shall be field replaceable.

12.0 IDENTIFICATION

- 12.1 Manufacturers shall permanently attach the following information to the inside wall of the upper or main housing:
 - 12.1.1 Manufacturers name
 - 12.1.2 Manufacturers catalog number and type
 - 12.1.3 Date of manufacturer (Codes are not accepted)

- 12.1.4 Lamp Wattage
- 12.1.5 Lamp IES designation and type
- 12.1.6 Primary voltage
- 12.1.7 Primary current
- 12.1.8 Wiring diagram corresponding to the components installed.
- 12.2 Fixture wattage decal shall be specified as in ANSI C136.15, latest revision. Decal shall resist cracking, peeling, and fading for a period of ten (10) years.
- 12.3 Luminaire wattage marking location shall be secured to the underside of the luminaire, approximately five (5) inches toward the pole from the edge of the glassware.

13.0 MATERIAL REQUIREMENTS

- 13.1 The Manufacturer shall only use approved materials.
- 13.2 The approved materials shall include the following:
 - 13.2.1 Paint
 - 13.2.1.1 Bidders shall use the following powder coat finishes and colors (or equal) as a guideline. Color samples shall be submitted after request from Austin Energy: RAL 6009 (Green, GRN); RAL 6591 (Black, BLK) or RAL 8014 (Bronze, CLB).
 - 13.2.1.2 All poles shall be coated with solid colors and lead free. The paint color will be specified at the time of order.
 - 13.2.1.3 Warranty on Paint Finish
The Vendor shall warranty the paint finish for a minimum period of five (5) years.
 - 13.2.1.4 Touch-Up Paint Kit
Upon Bid award, the Vendor shall provide for every twenty five (25) decorative lights shipped to Austin Energy, a can of spray touch-up paint to be used to touch up any scratches.
 - 13.2.2 Pole and Base
 - 13.2.2.1 Pole and base shall be one-piece solidly welded per ANSI/AWS standards. Pole and Base shall be Amerlux DSD1705-18/Town Lake/DUR137SRCG/DR-CL – (BLK/GRN/CLB) for post top Style fixture and Amerlux D2604-18/EXB/CBR-1-48-SCR-FIN02/TW-PCL RECPT/Sunset Valley - (BLK/GRN/CLB) for pendant style fixture, or Standards Engineer approved equal.
 - 13.2.2.2 Materials
 - 13.2.2.2.1 The base shall be heavy wall, cast aluminum from A319 Alloy (Town Lake & Sunset Valley). The non-tapered shaft shall be extruded from ASTM 6005-T5 aluminum (Sunset Valley). The fluted shaft shall be made from ASTM 6005-T5 aluminum (Town Lake).
 - 13.2.2.2.2 All hardware shall be tamper resistant stainless steel.
 - 13.2.2.2.3 Anchor bolts shall be completely hot dipped galvanized.

13.2.2.3 Construction

- 13.2.2.3.1 Shafts shall be double welded to the base casting and shipped as one piece. Shaft shall be welded to the base inside at the top of the door opening and outside where the shaft leaves the base.

13.2.3 Pole Arms (Pendant Type Only)

Pole arms shall be all aluminum of the type Amerlux CBR-1-48-SCR-Fin02-Color as specified (BLK, CLB, or GRN), or Standards Engineer approved equal.

15.0 PACKAGING

15.1 Fixture shall be packaged in one (1) box with cushion support protection to prevent damage to the fixture and any of its components' parts during shipping and handling.

15.2 AE commodity stock number will be two (2) in. block numerals on each box as follows:

- 15.2.1 Luminaire LED 100-watt equivalent Post Top Black, Town Lake LED Stock number #23627
- 15.2.2 Luminaire LED 100-watt equivalent Post Top Green, Town Lake LED stock number # 23629
- 15.2.3 Luminaire LED 100-watt equivalent Post Top Bronze, Town Lake LED stock number # 23628
- 15.2.4 Luminaire LED 100-watt equivalent Pendant Black, Sunset Valley LED stock number # 23624
- 15.2.5 Luminaire LED 100-watt equivalent Pendant Green, Sunset Valley LED stock number # 23626
- 15.2.6 Luminaire LED 100-watt equivalent Pendant Bronze, Sunset Valley LED stock number # 23625
- 15.2.7 Pole Decorative for LED Post Top Black, Town Lake LED stock number # 23633
- 15.2.8 Pole Decorative for LED Post Top Green, Town Lake LED stock number # 23635
- 15.2.9 Pole Decorative for LED Post Top Bronze, Town Lake LED stock number # 23634
- 15.2.10 Pole Decorative for LED Pendant Black, Sunset Valley LED stock number # 23630
- 15.2.11 Pole Decorative for LED Pendant Green, Sunset Valley LED stock number # 23632
- 15.2.12 Pole Decorative for LED Pendant Bronze, Sunset Valley LED stock number # 23631

15.3 Boxes shall be palletized on 48-in. x 40-in. 4-way entry hardware pallets.

ATTACHMENTS – SUNSET VALLEY AND TOWN LAKE REFERENCE DRAWINGS

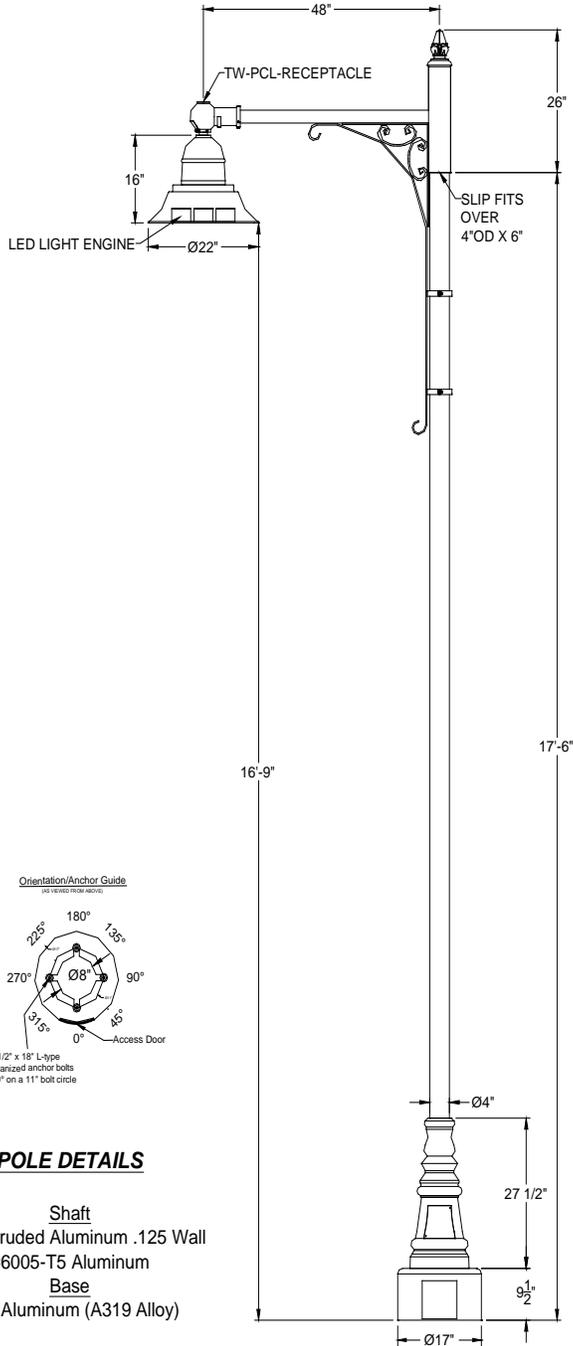
TYPE
 SUNSET VALLEY

PART STRING

AMERLUX: DPM-2/T3 or T5/XL OR XH/Sunset Valley/D2604-18/EXB/

CBR-1-48-SCR-FIN02/TW-PCL RECPT/Sunset Valley

OR AUSTIN ENERGY DISTRIBUTION STANDARDS APPROVED EQUAL



POLE DETAILS

Shaft
 Ø4" Extruded Aluminum .125 Wall
 #6005-T5 Aluminum

Base
 Cast Aluminum (A319 Alloy)

Ordered By _____ Date _____

NOTICE: THIS DRAWING IS FOR REFERENCE ONLY. CHECK FOR LATEST REVISION PRIOR TO ORDERING. THIS DRAWING SHOULD ACCOMPANY YOUR ORDER.

SUNSET VALLEY

AUSTIN ENERGY
 THIS DRAWING TO ACCOMPANY
 SPECIFICATION E-1792 "LUMINAIRE AND
 POLE, LED, DECORATIVE, 100W EQUIV, 120V"
 AS FIGURE 1 - SUNSET VALLEY

LIGHT DISTRIBUTION

- TYPE III
- TYPE V

FINISH

- BLACK (BLK) RAL 6591
 - GREEN (GRN) RAL 6009
 - BRONZE (CLB) RAL 8014
- POLYESTER POWDER COAT

VOLTAGE

- 120V
- SPECIFY

LIGHT SOURCE

- LED
- OTHER

GENERAL:

ALL HARDWARE WILL BE STAINLESS
 STEEL.
 EXTERIOR HARDWARE WILL BE TAMPER
 RESISTANT.
 ELECTRICAL COMPONENTS WILL BE ETL
 LISTED "SUITABLE FOR WET LOCATIONS."

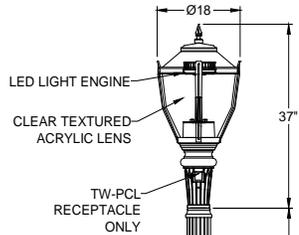
TYPE
 TOWN LAKE

PART STRING

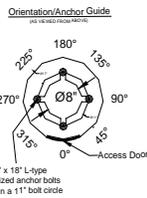
AMERLUX: DSD1705-18/TOWN LAKE/DUR137SRCG/DR-CL/

AVI-T3 or T5/xL/TW-PCL RECPT/TOWN LAKE

OR AUSTIN ENERGY DISTRIBUTION STANDARDS APPROVED EQUAL

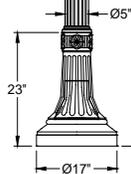


17'-8"



POLE DETAILS

Shaft
 Ø5" Fluted Aluminum .155
 #6005-T5 Aluminum
Base
 Cast Aluminum (A319 Alloy)



Ordered By _____ Date _____

NOTICE: THIS DRAWING IS FOR REFERENCE ONLY. CHECK FOR LATEST REVISION PRIOR TO ORDERING. THIS DRAWING SHOULD ACCOMPANY YOUR ORDER. THANK YOU

TOWN LAKE

AUSTIN ENERGY
 THIS DRAWING TO ACCOMPANY
 SPECIFICATION E-1792 "LUMINAIRE AND
 POLE, LED, DECORATIVE, 100W EQUIV, 120V"
 AS FIGURE 2 - TOWN LAKE

LIGHT DISTRIBUTION

- TYPE III
- TYPE V

FINISH

- BLACK (BLK) RAL 6591
- GREEN (GRN) RAL 6009
- BRONZE (CLB) RAL 8014

POLYESTER POWDER COAT

VOLTAGE

- 120V
- SPECIFY

LIGHT SOURCE

- LED
- OTHER

GENERAL:

ALL HARDWARE WILL BE STAINLESS
 STEEL.
 EXTERIOR HARDWARE WILL BE TAMPER
 RESISTANT.
 ELECTRICAL COMPONENTS WILL BE ETL
 LISTED "SUITABLE FOR WET LOCATIONS."

DATE: 5/11/15 SCALE: NTS DWG: E-SLTL

AUSTIN ENERGY

PURCHASE SPECIFICATION

FOR

POLE AND

LUMINAIRES, DISTRIBUTION, OH, 1PH, MULTITAP, 120V, DECORATIVE

LIGHTS

DATE	PREPARED BY	ISSUANCE/REVISION	APPROVAL PROCESS MANAGER/M&ESS MANAGER
12/03/98	Peter G. Soosay	Issuance	George Martinez / Gary Williams
12/10/98	Peter G. Soosay	Revision	Peter G. Soosay / Gary Williams
6/2/03	Steven Booher	Revision	
2/10/04	Keith W. Harvill	Revision	George Martinez
7/14/10	Gary Haydon	Revision	Greg Troxell

REASON FOR REVISION	AFFECTED PARAGRAPHS
Updated Specification	1.1.2: Removal of the word "cast" 3.2.1 a: Changed IFP 6591 to RAL 6591 3.2.1 d: Changed 10 to 25 3.2.2: Removed "slip on and clamshell split" 3.4.2: Added "high power factor" 3.7: Changed drawing number from EL-534 to 1921-10 3.8: Changed entire paragraph 3.10 g: Added Sunset Valley 3.11: Added Warranty Requirements

**AUSTIN ENERGY
PURCHASE SPECIFICATION
FOR
DECORATIVE LIGHTS**

1.0 SCOPE AND CLASSIFICATION

1.1 Scope

1.1.1 The City of Austin Electric Utility Department is hereinafter referred to as Austin Energy (AE). Manufacturers or firms supplying decorative lights under these specifications shall have at a minimum of ten (10) years of experience in the manufacture and/or sale of decorative lights.

1.1.2 The only materials approved for the lamp poles, pole base covers, and luminaire assemblies are aluminum and steel. The pole styles include smooth, tapered, fluted and combinations thereof (see Attachments).

1.2 Classification

Austin Energy will use the decorative lights in commercial and residential sub-divisions, for aesthetic improvements.

2.0 APPLICABLE SPECIFICATIONS

The decorative lights shall be manufactured in compliance with the latest revision of applicable EEI, NEC, NESC, ASTM, NEMA, and AASHTO standards, including:

2.1 ASTM B26 - Standard Specification for Aluminum-Alloy Sand Castings

2.2 ASTM B179 - Standard Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes

2.3 ANSI/AWS D1.2 - Structural Welding Code – Aluminum

2.4 IES - Illuminating Engineering Society

3.0 MATERIAL REQUIREMENTS

3.1 The Manufacturer shall only use approved materials.

3.2 The approved materials shall include the following:

3.2.1 Paint

a) Manufacturer shall use the following powder coat finishes and colors (or equal) as a guideline. Color samples shall be submitted after request from Austin Energy: RAL 6009 (Green); RAL 6591 (Black) or RAL 8014 (Bronze).

b) All poles shall be coated with solid colors and lead free. The paint color will be specified at the time of order.

c) Warranty on Paint Finish

The Manufacturer shall warranty the paint finish for a minimum period of five (5) years.

d) Touch-Up Paint Kit

Upon Bid award, the Manufacturer shall provide for every twenty five (25) decorative lights shipped to Austin Energy, a can of spray touch-up paint to be used to touch up any scratches.

3.2.2 Pole, Pole Base Covers and Luminaire Fixtures

Acceptable pole bases include one-piece solidly welded bases.

3.2.3 Pole Shaft

Steel pole (if applicable) shafts shall be galvanized and painted.

3.2.4 Style and Luminaire Fixture

- a) Each style of decorative light offered by Austin Energy is unique. Inter-changeable luminaire fixtures are not required.
- b) Acceptable materials for the luminaire glass globe type fixtures are acrylic and glass. Polycarbonate luminaire fixtures are not acceptable.
- c) The fixture shall be die cast with a terminal block that allows the ballast assembly to be removed without disturbing the wiring that comes up through the pole shaft.
- d) The fixture shall utilize a tool free access to the lamp and ballast assembly. The ballast assembly shall be designed to remove the ballast and lamp socket by a drop in ballast tray. All components shall be pre-wired to a terminal board requiring only power connection to clearly identified terminals. Wiring shall be neatly routed, marked and harness bound rated for 125 degrees centigrade.
- e) All screws, nuts, bolts, washers and clips shall be stainless steel and painted if required.
- f) All fixtures supplied shall have the option to install house side shields.

3.3 Photoelectric Control Receptacles

Photoelectric control receptacle shall be molded plastic with electric contacts made of brass or tin plated phosphorous bronze. The receptacle shall be 3-pole 3-wire NEMA locking type which accommodates the use of a photo control with the following dimensions: 3 inches in height with a 3 inch diameter.

3.4 Ballasts

3.4.1 THE MANUFACTURER SHALL PRE-WIRE ALL LUMINAIRE FIXTURES FOR 120 VOLTS, UNLESS STATED OTHERWISE IN THE BID.

3.4.2 The luminaire fixture shall have a multi-tap, high power factor ballast. Typical voltages shall include 120 V, 208 V, 240 V, and 277 V.

3.4.3 The ballast shall be wired with inter-locking connectors for easy installation and removal of the ballast.

3.5 Lamp and Lamp Base

Only the standard glazed porcelain mogul base is acceptable. The luminaire fixtures shall be able to accommodate both metal halide and high-pressure sodium (HPS) lamps, with the appropriate ballasts for the metal halide and high-pressure sodium lamps. The type of lamp required will be specified at the time of order.

3.6 Pole Structural Integrity

The luminaire poles shall be designed for a minimum of expected wind velocities of 80 MPH, for the intended fixtures and bases.

3.7 Pole Base

The poles supplied by the Manufacturer shall have the bolt pattern, which complies with the attached City of Austin street light foundation Drawing. Should the installation of the foundation bolts require any special tools other than a standard socket/ratchet or open end wrench then the special tools shall be supplied with the purchase of every 5 poles at no extra cost of the pole to Austin Energy.

3.8 Reflector

All luminaire fixtures shall have faceted down light reflectors or equal to provide an asymmetric Type III or symmetric Type V light distribution as requested at time of order. In addition, the fixture shall have any necessary reflector required so that the fixture is "full cut-off" to be in compliance with the City of Austin Land Development Code Subchapter E, Section 2.5 which can be found at:

http://www.ci.austin.tx.us/planning/downloads/subchapter_e_design_standards.pdf

3.9 Socket and Ballast Assembly

The socket and ballast assembly shall be designed such that it is removable without taking the fixture off the post. A quick-disconnect terminal type connector shall be used to disconnect the power to the assembly from the incoming power terminal block.

3.10 Pole Styles

Austin Energy is requesting bid submittals on the below listed pole styles:

- a.) Mount Bonnell – Attached Drawing E- SLMB
- b.) Barton Hills – Attached Drawing E-SLBH
- c.) Town Lake – Attached Drawing E- SLTL
- d.) Pecan Street – Attached Drawing E-SLPS
- f.) Symphony Square- Attached Drawing E- SLSS
- g.) Sunset Valley – Attached Drawing E- SLSV

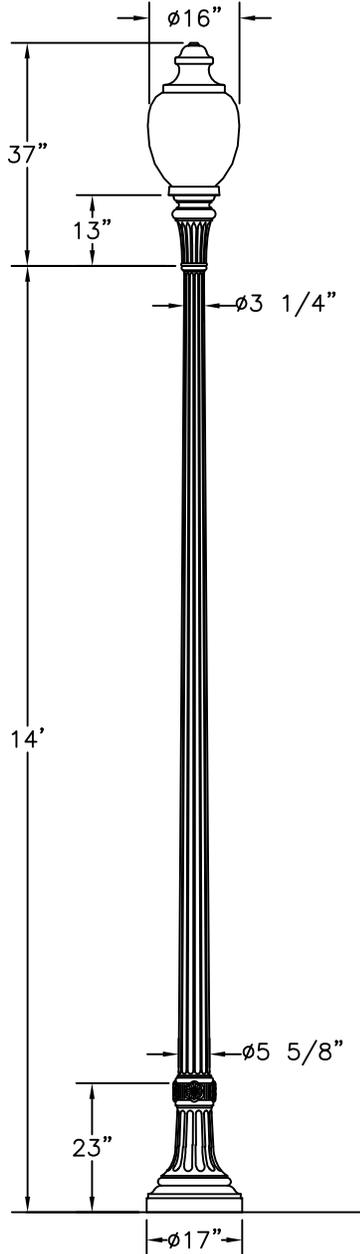
3.11 Warranty

The Manufacturer shall warranty all parts for a minimum of two (2) years.

4.0 ASSEMBLY INSTRUCTIONS

The Manufacturer shall ship the decorative lights with all applicable assembly instructions, clearly identifying the house side and street side, where applicable to the style of decorative light.

ATTACHMENTS



Barton Hills

Luminaire

Luminaire base shall be cast aluminum with a high power factor design multitap ballast, a 4kv pulse rated socket and twist lock photoelectric control receptacle. A borosilicate glass refractor with an IES Type III or Type V light distribution shall be used. Acorn globe shall be clear textured acrylic or glass.

Post

Post shall be cast aluminum construction with a tapered fluted base and tapered fluted shaft. Tenon should be 3" for luminaire mounting. A door will be located in the base for anchorage and wiring access.

Finish

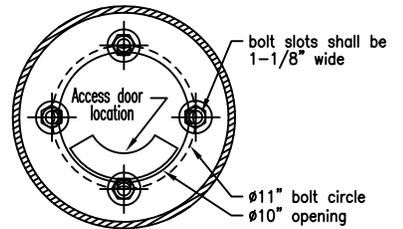
Post and luminaire shall be furnished with a custom select powder coat paint finish with color specified at time of order by Austin Energy.

General

All hardware shall be stainless steel. All exterior hardware shall be tamper resistant. Electrical components shall be ETL Listed "suitable for wet locations".

Anchorage Detail

(Top Section View)



LIGHT DISTRIBUTION

- TYPE III REFRACTOR
- TYPE V REFRACTOR

FINISH

- 6591 IFP 6591 BLACK
- 8014 RAL 8014 BROWN/BRONZE
- 6009 RAL 6009 GREEN

VOLTAGE

- 120
- 208
- 240 ● MULTITAP

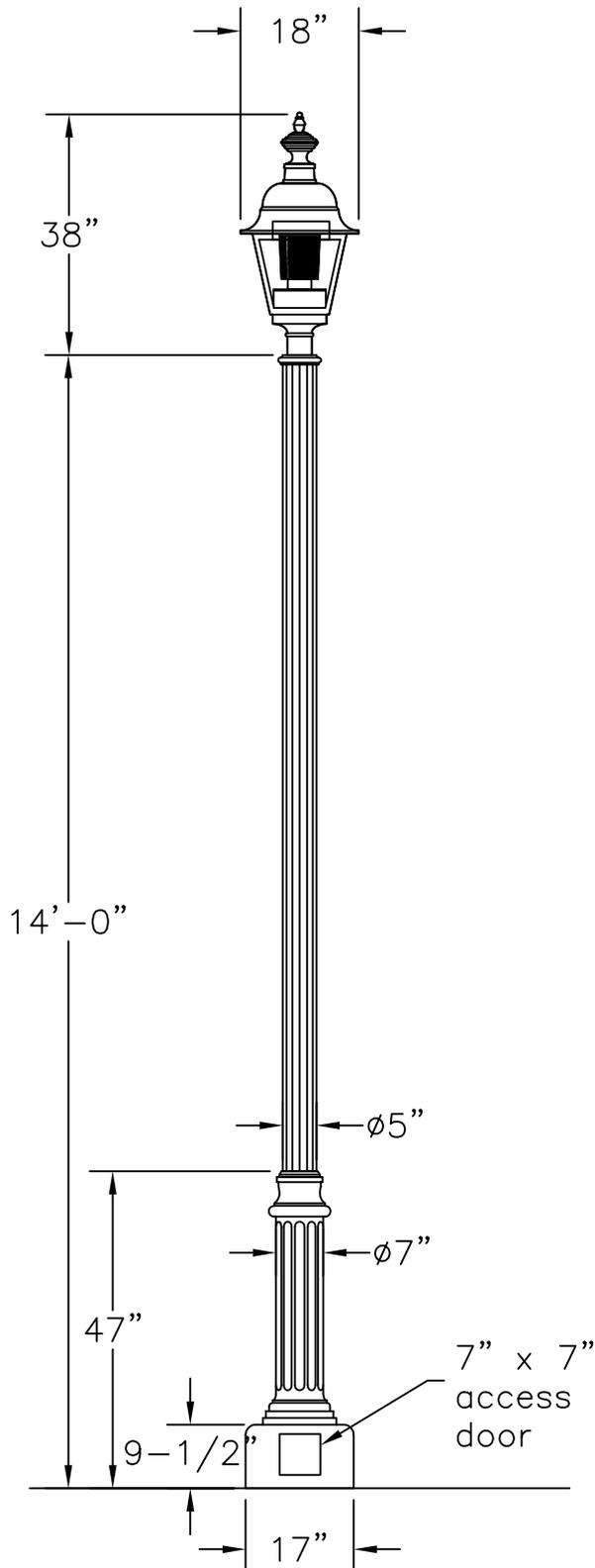
LIGHT SOURCE

MH: METAL HALIDE

HPS: HIGH PRESSURE SODIUM

- 100W MH
- 100W HPS
- 250W MH
- 250W HPS
- MOGUL BASE

date: 07-14-10	scale: none	dwg. no: E-SLBH
----------------	-------------	-----------------



Mount Bonnell

Luminaire

Luminaire base shall be cast aluminum with a cast aluminum finial, four sided roof and lens frame and circular base. Multitap ballast shall be of a high power factor design with a 4kv pulse rated socket and twist lock photoelectric control receptacle. A borosilicate glass refractor with an IES Type III or Type V light distribution shall be used with four (4) clear textured acrylic or glass lenses.

Post

Post shall be all aluminum construction, consisting of a cast base with a deep fluted pattern and a fluted shaft. Tenon should be 3" for luminaire mounting. A door will be located in the over size base for anchorage and wiring access.

Finish

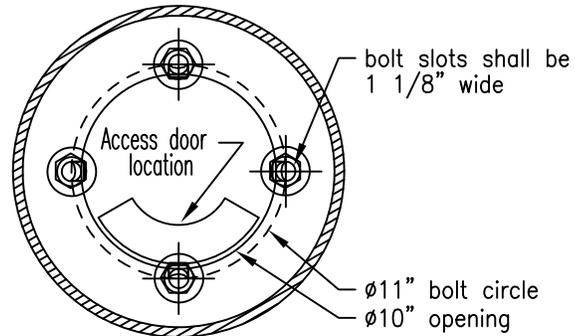
Post and luminaire shall be furnished with a custom select powder coat paint finish with color specified at time of order by Austin Energy.

General

All hardware shall be stainless steel. All exterior hardware shall be tamper resistant. Electrical components shall be ETL Listed "suitable for wet locations".

Anchorage Detail

(Top Section View)



LIGHT DISTRIBUTION

- TYPE III REFRACTOR
- TYPE V REFRACTOR

FINISH

- 6591 IFP 6591 BLACK
- 8014 RAL 8014 BROWN/BRONZE
- 6009 RAL 6009 GREEN

VOLTAGE

- 120
- 208
- 240
- MULTITAP

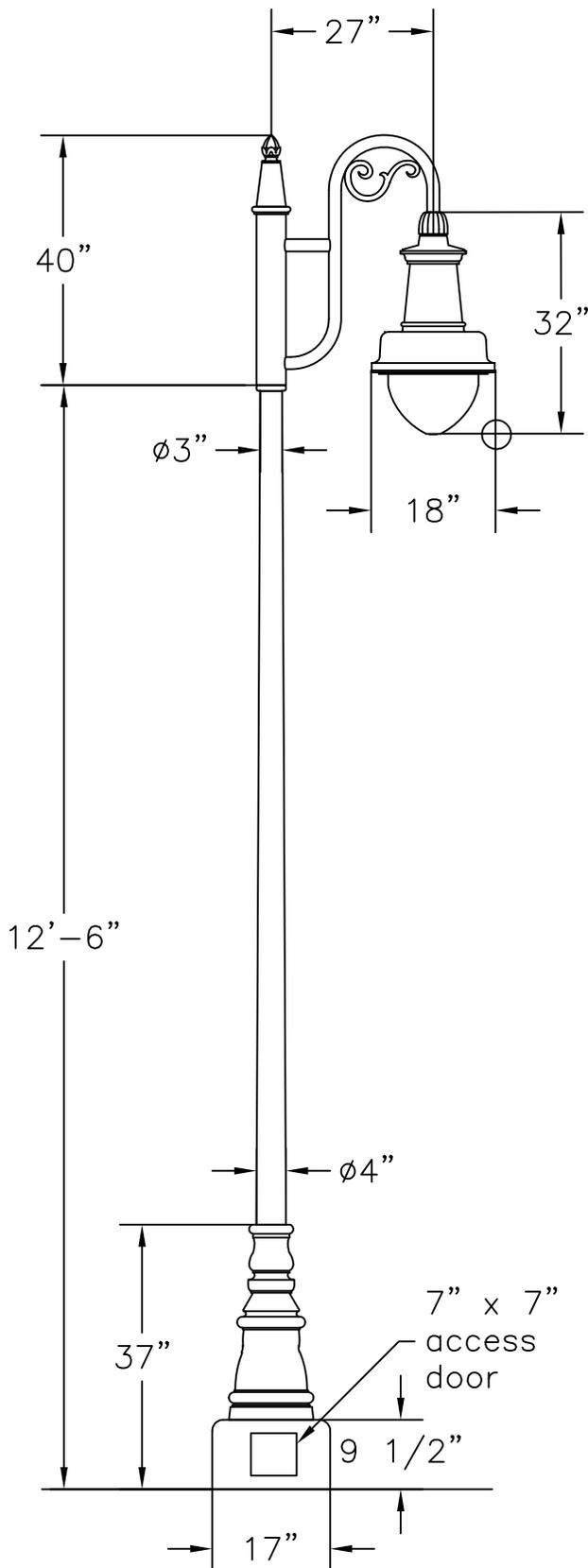
LIGHT SOURCE

- MH: METAL HALIDE
 HPS: HIGH PRESSURE SODIUM
- 100W MH
 - 100W HPS
 - 250W MH
 - 250W HPS
 - MOGUL BASE

date: 07-14-10

scale: none

dwg. no: E-SLMB



Pecan Street

Luminaire

Luminaire shall be cast aluminum ballast housing with an aluminum reflector shade. Multitap ballast shall be of a high power factor design with a 4kv pulse rated socket and twist lock photoelectric control receptacle. An IES Type III or Type V light distribution shall be used. Pendant globe shall be clear textured acrylic or glass.

Post

Post shall be all aluminum construction with a smooth tapered shaft and a decoratively curved cast base with a tenon for arm mounting. A door will be located in the over size base for anchorage and wiring access.

Arm

Luminaire arm shall be all aluminum construction consisting of a smooth shaft with a curved decorative arm with a fitting for luminaire mounting and a tenon for finial mounting.

Finish

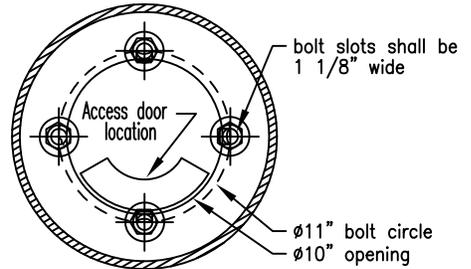
Post and luminaire shall be furnished with a custom select powder coat paint finish with color specified at time of order by Austin Energy.

General

All hardware shall be stainless steel. All exterior hardware shall be tamper resistant. Electrical components shall be ETL Listed "suitable for wet locations".

Anchorage Detail

(Top Section View)



LIGHT DISTRIBUTION

- TYPE III REFRACTOR
- TYPE V REFRACTOR

FINISH

- 6591 IFP 6591 BLACK
- 8014 RAL 8014 BROWN/BRONZE
- 6009 RAL 6009 GREEN

VOLTAGE

- 120
- 208
- 240
- MULTITAP

LIGHT SOURCE

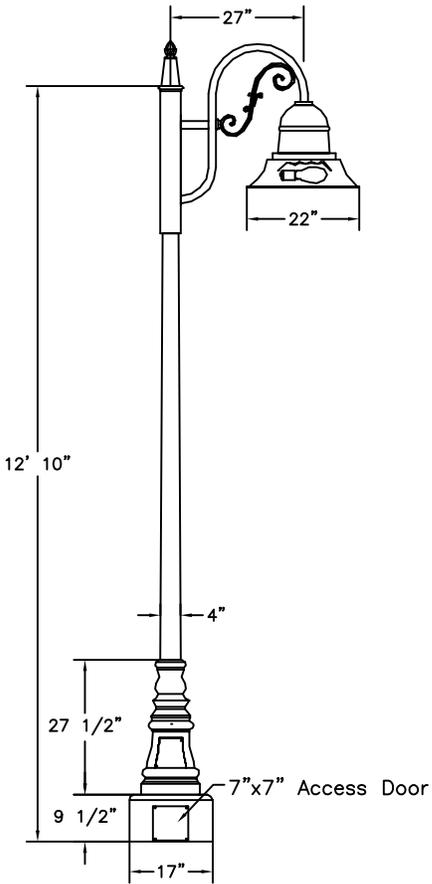
- MH: METAL HALIDE
 HPS: HIGH PRESSURE SODIUM
- 100W MH
 - 100W HPS
 - 250W MH
 - 250W HPS
 - MOGUL BASE

date: 07-14-10

scale: none

dwg. no.:

E-SLPS



Sunset Valley

Luminaire
Luminaire shall be cast aluminum ballast housing with an aluminum reflector shade. Multitap ballast shall be of a high power factor design with a 4kv pulse rated socket and twist lock photoelectric control receptacle. Lens shall be glass with a Type III or Type IV horizontal Reflector.

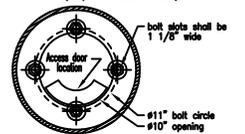
Post
Post shall be all aluminum construction with a smooth tapered shaft and a decoratively curved cast base with a tenon for arm mounting. A door will be located in the over size base for anchorage and wiring access.

Arm
Luminaire arm shall be all aluminum construction consisting of a smooth shaft with a curved decorative arm with a fitting for luminaire mounting and a tenon for finial mounting.

Finish
Post and luminaire shall be furnished with a custom select powder coat paint finish with color specified at time of order by Austin Energy.

General
All hardware shall be stainless steel. All exterior hardware shall be tamper resistant. Electrical components shall be ETL Listed "suitable for wet locations".

Anchorage Detail
(Top Section View)



LIGHT DISTRIBUTION

- TYPE III REFRACTOR
- TYPE V REFRACTOR

FINISH

- 6591 IFP 6591 BLACK
- 8014 RAL 8014 BROWN/BRONZE
- 6009 RAL 6009 GREEN

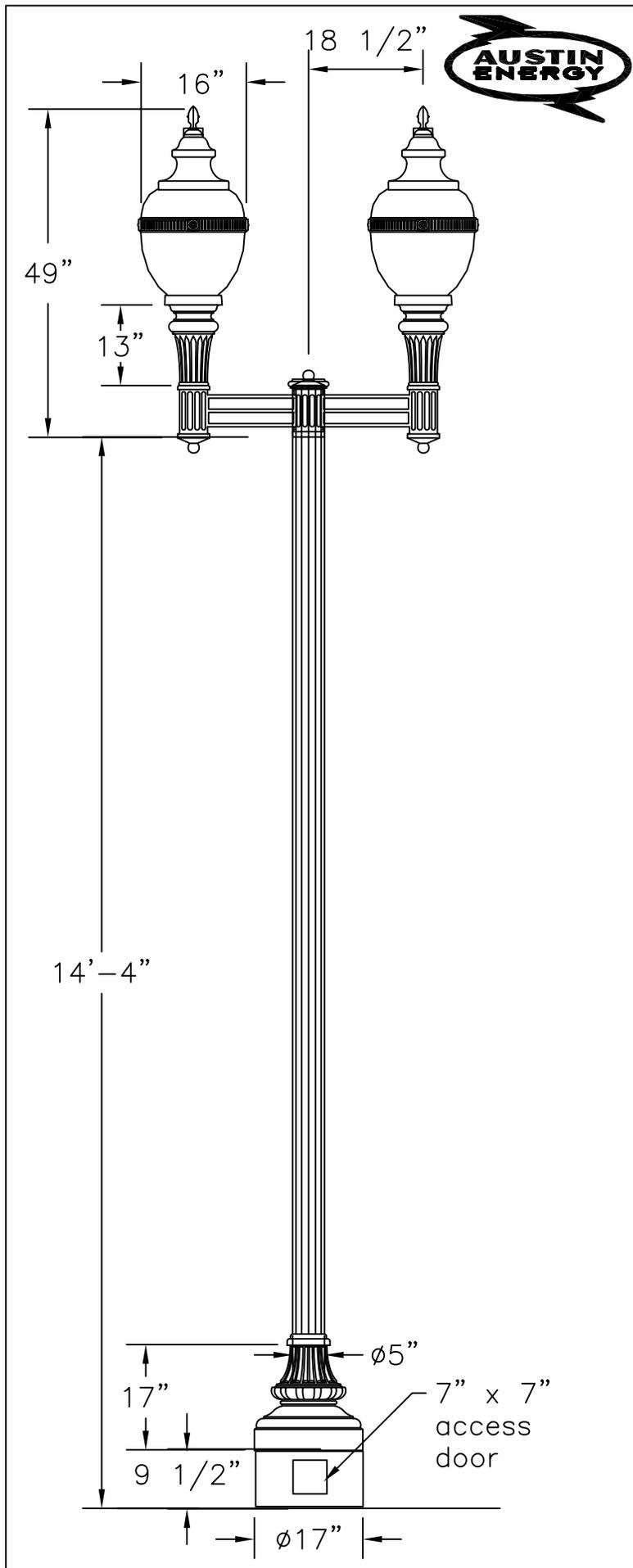
VOLTAGE

- 120
- 208
- 240

LIGHT SOURCE

- MH: METAL HALIDE
HPS: HIGH PRESSURE SODIUM
- 100W MH
 - 100W HPS
 - 250W MH
 - 250W HPS
- MULTITAP MOGUL BASE

REV 07-14-10 SCALE none TAG no. E-SLSV



Symphony Square

Luminaire

Luminaire base shall be cast aluminum. Finial shall be aluminum with decorative bands on globes. Multitap ballast shall be of a high power factor design with a 4kv pulse rated socket and twist lock photoelectric control receptacle. A borosilicate glass refractor with an IES Type III or Type V light distribution shall be used. Acorn globe shall be clear textured acrylic or glass.

Post

Post shall be all aluminum construction consisting of a double tapered fluted base and fluted shaft. Tenon should be 3" for luminaire mounting. A door will be located in the over size base for anchorage and wiring access.

Crossarm

Crossarm shall be all cast aluminum construction, with fluted rectangular arms and fluted cylinders at luminaire and crossarm centers.

Finish

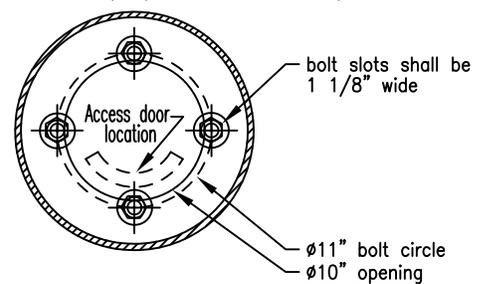
Post, luminaire and crossarm shall be furnished with a custom select powder coat paint finish with color specified at time of order by Austin Energy.

General

All hardware shall be stainless steel. All exterior hardware shall be tamper resistant. Electrical components shall be ETL Listed "suitable for wet locations".

Anchorage Detail

(Top Section View)



LIGHT DISTRIBUTION

- TYPE III REFRACTOR
- TYPE V REFRACTOR

FINISH

- 6591 IFP 6591 BLACK
- 8014 RAL 8014 BROWN/BRONZE
- 6009 RAL 6009 GREEN

VOLTAGE

- 120
- 208
- 240 MULTITAP

LIGHT SOURCE

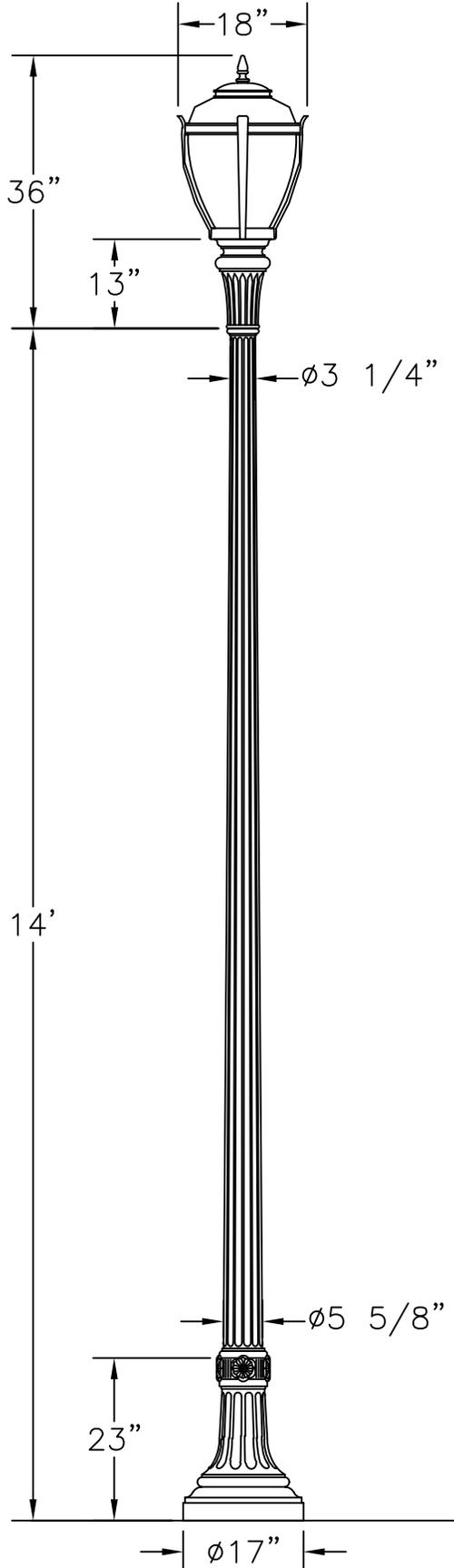
- MH: METAL HALIDE
 HPS: HIGH PRESSURE SODIUM
- 100W MH
 - 100W HPS
 - MOGUL BASE
 - 250W MH
 - 250W HPS

date: 07-14-10

scale: none

dwg. no.:

E-SLSS



Town Lake

Luminaire

Luminaire base shall be cast aluminum. Globe gage, top, and Finial shall be aluminum. Multitap ballast shall be of a high power factor design with a 4kv pulse rated socket and twist lock photoelectric control receptacle. An IES Type III or Type V light distribution shall be used. Acorn globe shall be clear textured acrylic or glass.

Post

Post shall be cast aluminum construction with a tapered fluted base and a tapered fluted shaft. Tenon should be 3" for luminaire mounting. A door will be located in the base for anchorage and wiring access.

Finish

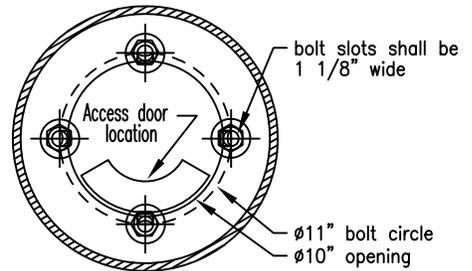
Post and luminaire shall be furnished with a custom select powder coat paint finish with color specified at time of order by Austin Energy.

General

All hardware shall be stainless steel. All exterior hardware shall be tamper resistant. Electrical components shall be ETL Listed "suitable for wet locations".

Anchorage Detail

(Top Section View)



LIGHT DISTRIBUTION

- TYPE III REFRACTOR
- TYPE V REFRACTOR

FINISH

- 6591 IFP 6591 BLACK
- 8014 RAL 8014 BROWN/BRONZE
- 6009 RAL 6009 GREEN

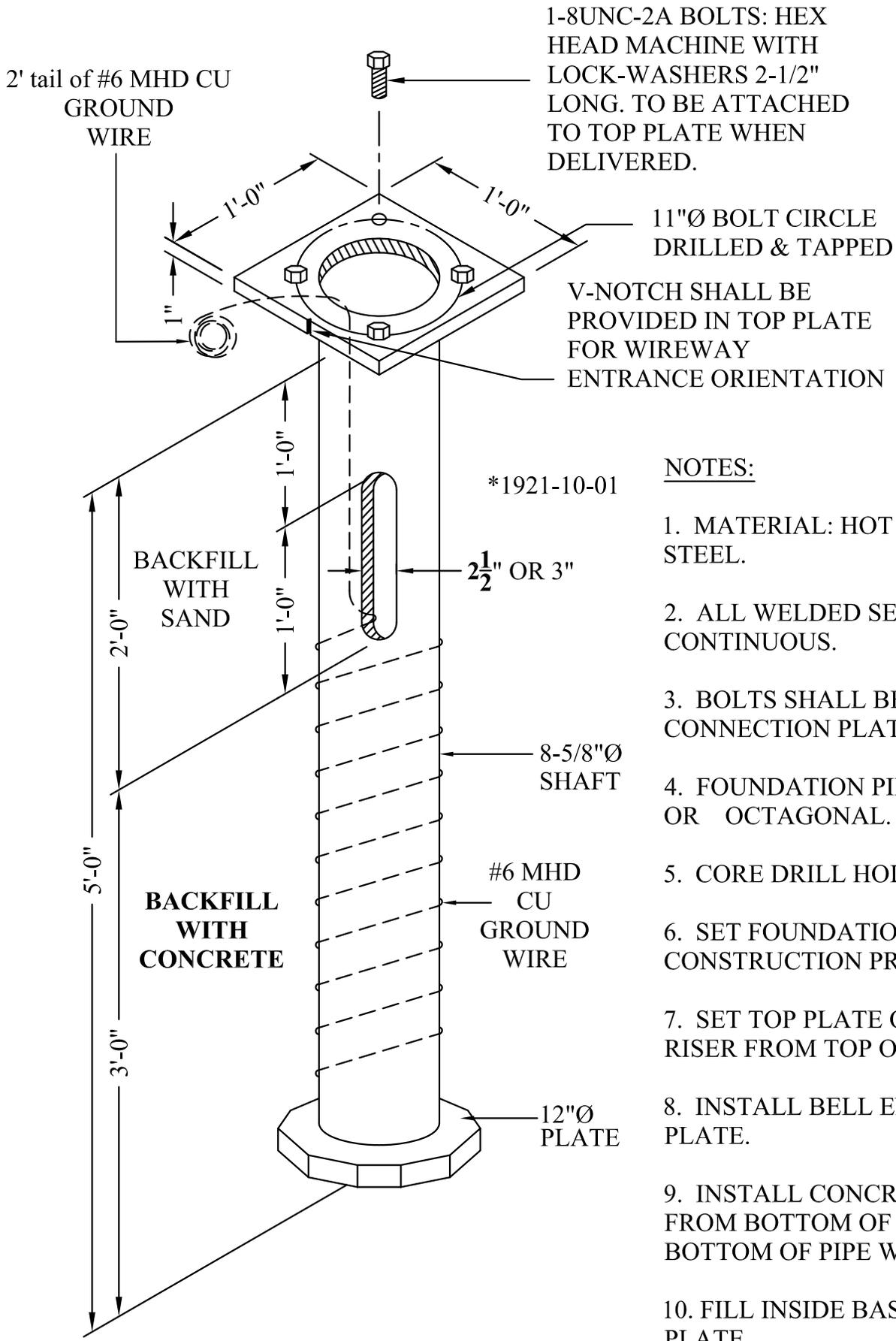
VOLTAGE

- 120
- 208
- 240
- MULTITAP

LIGHT SOURCE

- MH: METAL HALIDE
HPS: HIGH PRESSURE SODIUM
- 100W MH
 - 100W HPS
 - 250W MH
 - 250W HPS
 - MOGUL BASE

date: 07-14-10 scale: none dwg. no: E-SLTL



NOTES:

1. MATERIAL: HOT DIP GALVANIZED STEEL.
2. ALL WELDED SEAMS SHALL BE CONTINUOUS.
3. BOLTS SHALL BE INSTALLED IN CONNECTION PLATE WITH BOLT HEAD UP.
4. FOUNDATION PIER MAY BE CIRCULAR OR OCTAGONAL.
5. CORE DRILL HOLES 18".
6. SET FOUNDATION BEHIND CURB PER CONSTRUCTION PRINT DETAIL.
7. SET TOP PLATE OF FOUNDATION 1/4" RISER FROM TOP OF CURB IN R.O.W.
8. INSTALL BELL ENDS FLUSH WITH TOP PLATE.
9. INSTALL CONCRETE AROUND BASE FROM BOTTOM OF CORE DRILL HOLE TO BOTTOM OF PIPE WINDOW.
10. FILL INSIDE BASE WITH SAND TO TOP PLATE.
11. WRAP FOUNDATION WITH 25' OF #6 MHD SOLID COPPER. INSERT #6 THROUGH CONDUIT WINDOW AND LEAVE 24" ABOVE TOP PLATE OF FOUNDATION.

SMALL STREETLIGHT FOUNDATION
(FOR 25'-30'-35' POLES)

**BID SHEET
CITY OF AUSTIN
DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT**

BID NO. GGU0149

RX NO. RQM-1100-15062500400

DATE: 09/01/2015

BUYER: GABRIEL GUERRERO

NOTICE TO BIDDERS:

IN ORDER TO PERFORM A TECHNICAL EVALUATION OF THE BIDS SUBMITTED FOR THIS SOLICITATION, BIDDERS MUST CHECK THE APPROPRIATE APPROVED BRAND OR INDICATE AN EQUAL IN THE SPACE PROVIDED.

Special Instructions: Be advised that exceptions taken to any portion of the solicitation may jeopardize acceptance of the bid.

*******THE QUANTITIES REQUESTED ARE ANNUAL ESTIMATES*******

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	EXTENDED PRICE
1	LUMINAIRE DECORATIVE LED PENDANT, BLACK, SUNSET VALLEY PER SPECIFICATION E-1792 AE STOCK NO 23624 APPROVED MANUFACTURERS: AMERLUX P/N: DPM-2/T3 OR T5/XL OR XH/SUNSET VALLEY – BLK MANUFACTURER _____ P/N _____	1	EA	\$	\$
2	LUMINAIRE DECORATIVE FOR LED PENDANT, BRONZE, SUNSET VALLEY PER SPECIFICATION E-1792 AE STOCK NO 23625 APPROVED MANUFACTURERS: AMERLUX P/N: DPM-2/T3 OR T5/XL OR XH/SUNSET VALLEY – CLB MANUFACTURER _____ P/N _____	1	EA	\$	\$
3	LUMINAIRE DECORATIVE LED PENDANT, GREEN, SUNSET VALLEY PER SPECIFICATION E-1792 AE STOCK NO 23626 APPROVED MANUFACTURERS: AMERLUX P/N: DPM-2/T3 OR T5/XL OR XH/SUNSET VALLEY – GRN MANUFACTURER _____ P/N _____	1	EA	\$	\$
4	LUMINAIRE DECORATIVE LED POST TOP, BLACK, TOWN LAKE PER SPECIFICATION E-1792 AE STOCK NO 23627 APPROVED MANUFACTURERS: AMERLUX P/N: AVI-T3 OR T5/XL/TW-PCL RECPT/TOWN LAKE – BLK MANUFACTURER _____ P/N _____	1	EA	\$	\$
5	LUMINAIRE DECORATIVE LED POST TOP, BRONZE, TOWN LAKE PER SPECIFICATION E-1792 AE STOCK NO 23628 APPROVED MANUFACTURERS: AMERLUX P/N: AVI-T3 OR T5/XL/TW-PCL RECPT/TOWN LAKE – CLB MANUFACTURER _____ P/N _____	1	EA	\$	\$
6	LUMINAIRE DECORATIVE LED POST TOP, GREEN, TOWN LAKE PER SPECIFICATION E-1792 AE STOCK NO 23629 APPROVED MANUFACTURERS: AMERLUX P/N: AVI-T3 OR T5/XL/TW-PCL RECPT/TOWN LAKE – GRN MANUFACTURER _____ P/N _____	1	EA	\$	\$

BID SHEET
CITY OF AUSTIN
DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

7	POLE DECORATIVE FOR LED PENDANT LUMINARIES, BLACK, SUNSET VALLEY PER SPECIFICATION E-1792 AE STOCK NO 23630 APPROVED MANUFACTURERS: AMERLUX P/N: D2604-18/EXB/CBR-1-48-SCR-FIN002/TW-PCL RECPT/SUNSET VALLEY – BLK MANUFACTURER _____ P/N _____	1	EA	\$	\$
8	POLE DECORATIVE FOR LED PENDANT LUMINARIES, BRONZE, SUNSET VALLEY PER SPECIFICATION E-1792 AE STOCK NO 23631 APPROVED MANUFACTURERS: AMERLUX P/N: D2604-18/EXB/CBR-1-48-SCR-FIN002/TW-PCL RECPT/SUNSET VALLEY – CLB MANUFACTURER _____ P/N _____	1	EA	\$	\$
9	POLE DECORATIVE FOR LED PENDANT LUMINARIES, GREEN, SUNSET VALLEY PER SPECIFICATION E-1792 AE STOCK NO 23632 APPROVED MANUFACTURERS: AMERLUX P/N: D2604-18/EXB/CBR-1-48-SCR-FIN002/TW-PCL RECPT/SUNSET VALLEY – GRN MANUFACTURER _____ P/N _____	1	EA	\$	\$
10	POLE DECORATIVE FOR LED POST TOP LUMINARIES, BLACK, TOWN LAKE PER SPECIFICATION E-1792 AE STOCK NO 23633 APPROVED MANUFACTURERS: AMERLUX P/N: DSD1705-18/TOWN LAKE/DUR137SRCG/DR-CL – BLK MANUFACTURER _____ P/N _____	1	EA	\$	\$
11	POLE DECORATIVE FOR LED POST TOP LUMINARIES, BRONZE, TOWN LAKE PER SPECIFICATION E-1792 AE STOCK NO 23634 APPROVED MANUFACTURERS: AMERLUX P/N: DSD1705-18/TOWN LAKE/DUR137SRCG/DR-CL – CLB MANUFACTURER _____ P/N _____	1	EA	\$	\$
12	POLE DECORATIVE FOR LED POST TOP LUMINARIES, GREEN, TOWN LAKE PER SPECIFICATION E-1792 AE STOCK NO 23635 APPROVED MANUFACTURERS: AMERLUX P/N: DSD1705-18/TOWN LAKE/DUR137SRCG/DR-CL – GRN MANUFACTURER _____ P/N _____	1	EA	\$	\$

BID SHEET
CITY OF AUSTIN
DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

13	<p>ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, GREEN, HIGH PRESSURE SODIUM 100W, 120V. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18737</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DSD1714-DU137/A24SRGC-100HPS-120MT-LX-TPCL-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	120	EA	\$	\$
14	<p>ST. LIGHT, DECORATIVE, SUNSET VALLEY STYLE, GREEN, HIGH PRESSURE SODIUM 100W, 120V. PER AE DWG NO E-SLSV AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18568</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-D142-FS22/100HPSMT-120/GL-HR3-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	18	EA	\$	\$
15	<p>ST. LIGHT, DECORATIVE, SUNSET VALLEY STYLE, GREEN, METAL HALIDE 100W, 120V. PER AE DWG NO E-SLSV AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18574</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-D142-FS22/100MHMT-120/GL-HR3-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	12	EA	\$	\$
16	<p>ST. LIGHT, DECORATIVE, PECAN STREET STYLE, GREEN, HIGH PRESSURE SODIUM 100W, 208V. PER AE DWG NO E-SLPS AND AE SPEC E-1550. ALL HARDWARE SHALL STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18955</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-BR10-SCR-D171-100HPS-208MT-TPCL-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	36	EA	\$	\$
17	<p>ST. LIGHT, DECORATIVE, BARTON HILLS STYLE, GREEN, HIGH PRESSURE SODIUM 100W, 120V. PER AE DWG NO E-SLBH AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18478</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DSD1714DU137/A025DR-CL-100HPS-120V-MT-LS-TPCL-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
18	<p>ST. LIGHT, DECORATIVE, BARTON HILLS STYLE, GREEN, METAL HALIDE 100W, 120V. PER AE DWG NO E-SLBH AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18481</p> <p>APPROVED MANUFACTURERS: AMER LIGHTING P/N: UNKNOWN DYNAMIC LIGHTING P/N: DSD1714DU137/A025DR-CL-100MH-120V-MT-LS-TPCL-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$

BID SHEET
CITY OF AUSTIN
DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

19	<p>ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, BLACK, HIGH PRESSURE SODIUM 100W, 208V. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18716</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DSD1714-DU137/A24SRGC-100HPS-208MT-LX-TPCL-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
20	<p>ST. LIGHT, DECORATIVE, SUNSET VALLEY STYLE, BLACK, HIGH PRESSURE SODIUM 100W, 208V. PER AE DWG NO E-SLSV AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18541</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-D142-FS22/100HPSMT-208/GL-HR3-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
21	<p>ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, BROWN, HIGH PRESSURE SODIUM 100W, 120V. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18725</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DSD1714-DU137/A24SRGC-100HPS-120MT-LX-TPCL-RAL8014</p> <p>MANUFACTURER _____ P/N _____</p>	12	EA	\$	\$
22	<p>ST. LIGHT, DECORATIVE, SUNSET VALLEY STYLE, BROWN, HIGH PRESSURE SODIUM 100W, 120V. PER AE DWG NO E-SLSV AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18549</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-D142-FS22/100HPSMT-120/GL-HR3-RAL8014</p> <p>MANUFACTURER _____ P/N _____</p>	3	EA	\$	\$
23	<p>ST. LIGHT, DECORATIVE, SYMPHONY SQUARE STYLE, BROWN, HIGH PRESSURE SODIUM 100W, 120V. PER AE DWG NO E-SLSS AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18635</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D1305-14/EXB-DU137-A025DR-BB-CFIN-100HPS-120MT-LX-TPCL-2BR04-RAL8014</p> <p>MANUFACTURER _____ P/N _____</p>	4	EA	\$	\$
24	<p>ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, GREEN, HIGH PRESSURE SODIUM 100W, 240V. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18740</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DSD1714-DU137/A24SRGC-100HPS-240MT-LX-TPCL-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	16	EA	\$	\$

BID SHEET
CITY OF AUSTIN
DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

25	<p>ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, GREEN, METAL HALIDE 100W, 240V. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18746</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DSD1714-DU137/A24SRGC-100MH-240MT-LX-TPCL-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	16	EA	\$	\$
26	<p>ST. LIGHT, DECORATIVE, SUNSET VALLEY STYLE, GREEN, HIGH PRESSURE SODIUM 100W, 240V. PER AE DWG NO E-SLSV AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18570</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-D142-FS22/100HPSMT-240/GL-HR3-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
27	<p>ST. LIGHT, DECORATIVE, SUNSET VALLEY STYLE, GREEN, METAL HALIDE 100W, 208V. PER AE DWG NO E-SLSV AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18575</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-D142-FS22/100MHMT-208/GL-HR3-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
28	<p>ST. LIGHT, DECORATIVE, PECAN STREET STYLE, GREEN, METAL HALIDE 100W, 240V. PER AE DWG NO E-SLPS AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18962</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-BR10-SCR-D171-100MH-240MT-TPCL-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
29	<p>ST. LIGHT, DECORATIVE, MOUNT BONNELL STYLE, BLACK, HIGH PRESSURE SODIUM 100W, 240V. PER AE DWG NO E-SLMB AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18529</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D8505-14/EXB-D242TA-100HPS-240V-MT-LX-TPCL-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
30	<p>ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, BROWN, HIGH PRESSURE SODIUM 100W, 240V. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18727</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DSD1714-DU137/A24SRGC-100HPS-240MT-LX-TPCL-RAL8014</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$

BID SHEET
CITY OF AUSTIN
DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

31	<p>ST. LIGHT, DECORATIVE, SYMPHONY SQUARE STYLE, BROWN, HIGH PRESSURE SODIUM 100W, 240V. PER AE DWG NO E-SLSS AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18637</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D1305-14/EXB-DU137-A025DR-BB-CFIN-100HPS-240MT-LX-TPCL-2BR04-RAL8014</p> <p>MANUFACTURER _____ P/N _____</p>	3	EA	\$	\$
32	<p>ST. LIGHT, DECORATIVE, SUNSET VALLEY, 100W HPS, 120V, BLACK, PER AE DWG NO E-SLSV AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18405</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-D142-FS22/100HPSMT-120/GL-HR3-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	3	EA	\$	\$
33	<p>ST. LIGHT, DECORATIVE, BARTON HILLS STYLE, BLACK, FIXTURE, 100W HPS, 120V, (WITHOUT ACORN). PER AE DWG NO E-SLBH AND AE SPECE-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18432</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DU137-100MH-120V-HPS-LX-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	1	EA	\$	\$
34	<p>ST. LIGHT, DECORATIVE, BARTON HILLS STYLE, BLACK, FIXTURE, 250W MH, 120V, (WITHOUT ACORN). PER AE DWG NO E-SLBH AND AE SPECE-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18441</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DU137-250MH-120V-MT-LX-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	1	EA	\$	\$
35	<p>ST. LIGHT, DECORATIVE, BARTON HILLS STYLE, ACORN GLOBE. PER AE DWG NO E-SLBH AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18443</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN; DYNAMIC LIGHTING P/N: A025DR-CL</p> <p>MANUFACTURER _____ P/N _____</p>	18	EA	\$	\$
36	<p>ST. LIGHT, DECORATIVE, BARTON HILLS STYLE, GREEN, FIXTURE, 100W HPS, 120V, (WITHOUT ACORN). PER AE DWG NO E-SLBH AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18494</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N DU137-100MH-120V-HPS-LX-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	1	EA	\$	\$

BID SHEET
CITY OF AUSTIN
DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

37	<p>ST. LIGHT, DECORATIVE, BARTON HILLS STYLE, GREEN, POLE. PER AE DWG NO E-SLBH AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18506</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN; DYNAMIC LIGHTING P/N: DSD1714-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	4	EA	\$	\$
38	<p>ST. LIGHT, DECORATIVE, SUNSET VALLEY STYLE, LENS. PER AE DWG NO E-SLSV AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18620</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN; DYNAMIC LIGHTING P/N: GL-HR3</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
39	<p>ST. LIGHT, DECORATIVE, SYMPHONY SQUARE STYLE, ACORN GLOBE, TEXTRUED ACRYLIC 25", WITH BRASS BANS AND FINIAL. PER AE DWG NO E-SLSS AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18659</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN; DYNAMIC LIGHTING P/N: A025DR-CL/BB/CFIN</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
40	<p>ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, BLACK, FIXTURE, 100W HPS, 240V. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18768</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DU137/A24SRCG-100HPS-240MT-LX-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	1	EA	\$	\$
41	<p>ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, BROWN, FIXTURE, 100W HPS, 120V. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18785</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: DU137/A24SRCG-100HPS-120MT-LX-RAL8014</p> <p>MANUFACTURER _____ P/N _____</p>	1	EA	\$	\$
42	<p>ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, LENS WITH CAP AND FINIAL. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18798</p> <p>COLOR WILL BE DETERMINED AT TIME OF ORDER; THE FOLLOWING CHOICE OF COLORS SHALL BE USED AFTER THE MFG PART NUMBER: (RAL 8014 BRN); (RAL 9004 BLK); (RAL 6009 GRN).</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN AMERLUX P/N: TOWN LAKE SRCG/KIT RAL XXXX (YYY)</p> <p>MANUFACTURER _____ P/N _____</p>	10	EA	\$	\$

BID SHEET
CITY OF AUSTIN
DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

43	<p>ST. LIGHT, DECORATIVE, PECAN STREET STYLE, LENS. PER AE DWG NO E-SLPS AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18988</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN; DYNAMIC LIGHTING P/N: D171-LENS</p> <p>MANUFACTURER _____ P/N _____</p>	12	EA	\$	\$
44	<p>ST. LIGHT, DECORATIVE, PECAN STREET STYLE, GREEN, FIXTURE, 100W HPS, 208V. PER AE DWG NO E-SLPS AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18994</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: P/N D171-100HPS-208MT-LX-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
45	<p>ST. LIGHT, DECORATIVE, BARTON HILLS, 100W HPS, 120V, BLACK, PER AE DWG NO E-SLBH. AND AE SPEC --1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 17894</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: PANY17143T3AB4/11L/ABCSA25AU100SMOGACTTB1GR; DYNAMIC LIGHTING P/N: DSD1714DU137/A025DR-CL-100HPS-120V-MT-LS-TPCL-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
46	<p>ST. LIGHT, DECORATIVE, MOUNT BONNEL, 100W HPS, 120V, PER AE DWG NO E-SLMB, ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 17910</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: PXH1614F53T3AB4/11L/ABCSTR35100SMOGACTTB1GR; DYNAMIC LIGHTING P/N: D8505-14/EXB-D242TA-100HPS-120V-MT-LX-TPCL-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
47	<p>ST. LIGHT, DECORATIVE, PECAN STREET, 100W MH, 120V, BLACK, PER AE DWG NO E-SLPS AND AE SPEC-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 17900</p> <p>APPROVED MANUFACTURERS: DYNAMIC LIGHTING P/N: D2602-12/EXB-BR10-SCR-D171-100MHMT-TPCL; ANTIQ STLAMP P/N: PXMO16L4234GR112T43.5T9AB4/11L/ABCSCAZZ/1CSCM30100MMOGACTTB</p> <p>MANUFACTURER _____ P/N _____</p>	2	EA	\$	\$
48	<p>ST. LIGHT, DECORATIVE, MOUNT BONNELL STYLE, BLACK, FIXTURE, 100W HPS, 240V. PER AE DWG NO E-SLMB AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18511</p> <p>APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D242TA-100HPS-240V-MT-LX-IFP6591</p> <p>MANUFACTURER _____ P/N _____</p>	1	EA	\$	\$

BID SHEET
CITY OF AUSTIN
DECORATIVE LUMINAIRES, STREET LIGHTS & POLES ANNUAL PRICE AGREEMENT

49	ST. LIGHT, DECORATIVE, PECAN STREET STYLE, GREEN, HIGH PRESSURE SODIUM 100W, 120V. PER AE DWG NO E-SLPS AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18954 APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-BR10-SCR-D171-100HPS-120MT-TPCL-RAL6009 MANUFACTURER _____ P/N _____	1	EA	\$	\$
50	ST. LIGHT, DECORATIVE, PECAN STREET STYLE, GREEN, METAL HALIDE 100W, 120V. PER AE DWG NO E-SLPS AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18960 APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN DYNAMIC LIGHTING P/N: D2602-12/EXB-BR10-SCR-D171-100MH-120MT-TPCL-RAL600 MANUFACTURER _____ P/N _____	1	EA	\$	\$
51	ST. LIGHT, DECORATIVE, TOWN LAKE STYLE, GREEN, POLE. PER AE DWG NO E-SLTL AND AE SPEC E-1550. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NO 18765 APPROVED MANUFACTURERS: ANTIQ STLAMP P/N: UNKNOWN; DYNAMIC LIGHTING P/N: DSD1714-RAL6009 MANUFACTURER _____ P/N _____	1	EA	\$	\$
DELIVERY SHALL BE WITHIN 56 CALENDAR DAYS ARO AS PER PARAGRAPH 6.A OF SECTION 0400				TOTAL	\$

DELIVERY TERMS: DELIVERY IS TO BE FOB DESTINATION, PREPAID AND ALLOWED

DELIVERY METHOD: _____

Contractor shall deliver goods via common Carrier? (Article 32, Section 0300 shall not apply to this contact) YES _____ NO _____

Contractor shall deliver goods via contractor's own vehicle? (Article 32, Section 0300 shall apply to this contact) YES _____ NO _____

COMPANY NAME: _____

SIGNATURE OF AUTHORIZED REPRESENTATIVE: _____

PRINTED NAME: _____

EMAIL ADDRESS: _____