



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

SOLICITATION NO: GGU0145

COMMODITY/SERVICE DESCRIPTION: SHOEBOX STYLE (LED) LUMINAIRS & POLES ANNUAL PRICE AGREEMENT

DATE ISSUED: MAY 25, 2015

PRE-BID CONFERENCE TIME AND DATE: N/A

REQUISITION NO.: RQM-1100-15042400300

LOCATION: N/A

COMMODITY CODE: 28580

BID DUE PRIOR TO: 2:00 PM ON JUNE 17, 2015

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

BID OPENING TIME AND DATE: 2:15 PM ON JUNE 17, 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 # IFB GGU0145	Purchasing Office-Response Enclosed for Solicitation # IFB GGU0145
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	7
0500	SPECIFICATION E-1790 INDLUCING: COVER, BLANK SHEET AND DRAWINGS	15
0600	BID SHEET – Must be completed and returned with Offer	5
0605	LOCAL BUSINESS PRESENCE IDENTIFICATION FORM – Complete & return	1
0700	REFERENCE SHEET – Complete and return if required	1
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 and return	1

*** 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.

I agree to abide by the City's MBE/WBE Procurement Program Ordinance and Rules. In cases where the City has established that there are no M/WBE subcontracting goals for a solicitation, I agree that by submitting this offer my firm is completing all the work for the project and not subcontracting any portion. If any service is needed to perform the contract that my firm does not perform with its own workforce or supplies, I agree to 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 and am including the completed No Goals Utilization Plan with my submittal. This form can be found Under the Standard Bid Document Tab on the Vendor Connection Website:

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

If I am awarded the contract I agree to continue complying with the City's MBE/WBE Procurement Program Ordinance and Rules including contacting SMBR if any subcontracting is later identified.

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. 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.

USE ADDITIONAL PAGES AS NECESSARY

OFFEROR:

Name of Local Firm						
Physical Address						
Is Firm located in the Corporate City Limits? (circle one)	Yes			No		
In business at this location for past 5 yrs?	Yes			No		
Location Type:	Headquarters	Yes	No	Branch	Yes	No

SUBCONTRACTOR(S):

Name of Local Firm						
Physical Address						
Is Firm located in the Corporate City Limits? (circle one)	Yes			No		
In business at this location for past 5 yrs?	Yes			No		
Location Type:	Headquarters	Yes	No	Branch	Yes	No

SUBCONTRACTOR(S):

Name of Local Firm						
Physical Address						
Is Firm located in the Corporate City Limits? (circle one)	Yes			No		
In business at this location for past 5 yrs.?	Yes			No		
Location Type:	Headquarters	Yes	No	Branch	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 _____

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: _____

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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.

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- (d) If the project involves digging or drilling provisions must be included that provide Explosion, Collapse, and/or Underground Coverage.
 - (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.

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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

- A. Delivery is to be made within fifty-six (56) calendar days after the order is placed. All orders must be shipped complete unless arrangements for partial shipments are made in advance.
- B. The Contractor shall provide, with each delivery, a Shipping or Delivery Ticket showing the description of each item, quantity, and unit price.
- C. The Contractor shall confirm the quantity to be shipped on all orders within two (2) hours of notification from the City.
- D. Unless requested by the City, deliveries shall not be made on City-recognized legal holidays (see paragraph 51 in Section 0300).
- E. All deliveries will be shipped on a flatbed or open trailer. Any shipments delivered in an enclosed trailer will be rejected at the vendor's expense.

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:

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

For this proposed Contract the Goal shall be 92 % 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.

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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. Vendor 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.

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.

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10. SAMPLES – QUALIFIED PRODUCTS LIST (QPL) and/or STANDARD PRODUCTS LIST (SPL):

- A. The Offeror should submit a sample of all proposed “equal” non-QPL and/or non-SPL products included in the Offer. The City reserves the right to test any “equal” non-QPL and/or non-SPL product that is offered prior to determination of award. If the amount of time required for testing exceeds ten (10) calendar days from the date of receipt of the sample, the City may award to Offerors with pretested products. The product will still be tested and if it meets specifications, will be added to the QPL and or SPL for future Solicitations.
- B. Send samples to the City at the following address:

City of Austin	
Department	Austin Energy: Distribution Materials Standards Group
Address	4411-B Meinardus Drive
City, State Zip Code	Austin, Texas 78744
Attn:	Michael Pittman

- C. Products that are not pretested must be available within ten (10) calendar days after notification by the City for testing and evaluation.
- D. All products (except those prior pre-tested and approved) 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.
- E. Samples will be provided at no cost to the City, will be retained by the City, and may be used in assuring compliance with materials specifications after award. Failure to supply samples when requested shall subject the Offer to disqualification from consideration for award.
- F. Samples will be evaluated or tested as follows:
 - i. Ease of pole installation
 - (1) In order for the pole to be approved, strong emphasis will be placed on ease of installation of arm and fixture. If the installation is determined to be difficult during bid evaluation, the poles will be rejected.
 - (2) Bidders shall provide any special tools and pole installation guides that may be required for the installation of poles.
 - ii. All materials submitted by the bidder should reference the shoebox style number, bidders catalog and/or part number. **This information should be clearly legible on a metal plate affixed permanently to each pole submitted for evaluation.** Failure to provide the Metal identification plate may result in the rejection of the material.

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.

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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.

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: WPU1083	
<input checked="" type="checkbox"/> Not Seasonally Adjusted	<input type="checkbox"/> Seasonally Adjusted
Geographical Area: All	
Description of Series ID: Metals and Metal Products/Lighting Fixtures	
This Index shall apply to the following items of the Bid Sheet / Cost Proposal: 7 – 16	

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Weight % or \$ of Base Price: 100%	
Database Name: Producer Price Index Industry Data	
Series ID: PCU335122335122	
<input checked="" type="checkbox"/> Not Seasonally Adjusted	<input type="checkbox"/> Seasonally Adjusted
Geographical Area: All	
Description of Series ID: Nonresidential Electric Lighting Fixture Mfg.	
This Index shall apply to the following items of the Bid Sheet / Cost Proposal: 1 – 6	

Weight % or \$ of Base Price: 100%	
Database Name: Producer Price Index Industry Data	
Series ID: WPU10250162	
<input checked="" type="checkbox"/> Not Seasonally Adjusted	<input type="checkbox"/> Seasonally Adjusted
Geographical Area: All	
Description of Series ID: Extruded Aluminum Rod, Bar, Other Shapes	
This Index shall apply to the following items of the Bid Sheet / Cost Proposal: 17 – 34	

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.

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

FOR

LUMINAIRES, LED, SHOEBOX

<u>DATE</u>	<u>PREPARED BY</u>	<u>ISSUANCE/REVISION</u>	<u>APPROVAL</u> <u>DIVISION MANAGER/STANDARDS MANAGER</u>
1/29/15	Danny McReynolds	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.

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**AUSTIN ENERGY
PURCHASE SPECIFICATION
FOR
SHOEBOX LED LUMINAIRES**

1.0 SCOPE

This specification shall define the minimum physical and electrical characteristics required by Austin Energy (AE) for shoebox style light emitting diode (LED) luminaires of the enclosed, side-mounted, which have integral drivers and photoelectric control receptacles. The LED luminaires shall be used as equivalents to AE standard 100, 250 and 400W, metal halide (MH) and high pressure sodium (HPS), "shoebox" style luminaires.

2.0 CLASSIFICATION

The requirements herein shall apply to shoebox style LED luminaires of the following wattages, style and voltage. Austin Energy will use these assemblies in commercial and residential sub-divisions, for aesthetic improvements.

- 2.1 100-watt equivalent LED, U0 dark sky compliant 120/208/240/277-volt "shoebox" with ROAM compatible photo control receptacles and photometrics in compliance with section 7.1 of this specification.
- 2.2 250-watt equivalent, LED, U0 dark sky compliant 120/208/240/277-volt "shoebox" with ROAM compatible photo control receptacles and photometrics in compliance with section 7.2 of this specification.
- 2.3 400-watt equivalent LED, U0 dark sky compliant 120/208/240/277-volt "shoebox" with ROAM compatible photo control receptacles and photometrics in compliance with section 7.3 of this specification.

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 C136.25
Roadway lighting equipment – ingress protection (IP 66)
- 3.5 ANSI C136.31
Roadway lighting vibration – 3G vibration test
- 3.6 ANSI C136.37
Roadway lighting equipment – solid state light sources

- 3.7 ANSI C136.41
Roadway and area lighting equipment – dimming control between an external locking type photocontrol and driver
- 3.8 ANSI C136.1110
Roadway lighting equipment - multiple sockets.
- 3.9 ANSI/IES RP-8
Practice for roadway lighting.
- 3.10 ANSI/IES LM-79
Electrical and Photometric Measurements of Solid-State Lighting Products.
- 3.11 ANSI/IES TM-15-11
Luminaire Classification System for Outdoor Luminaires (B-U-G).
- 3.12 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 metal halide counterpart. Maximum wattage acceptable would be 58W for HPS or MH 100W equivalent, 138W for HPS or MH 250W equivalent and 220W for HPS or MH 400W equivalent.
- 4.3 A full sheet of product specifications shall be submitted prior to award of contract. 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 Finish/Paint on fixture, pole and arm shall have a five (5) year warranty.
- 4.5 Color of the fixture, pole and arm shall be as specified, Green/GRN (RAL 6009), Black/BLK (RAL 6591), or Bronze/CLB (RAL 8014) polyester powder coat finish.
- 4.6 Fixture shall be designed to meet IESNA lighting standards per RP-8. Types II, III, and V distribution patterns should be readily available. Fixture shall also meet IES TM-15 for B-U-G 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.
- 4.7 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 Engineering Standards as part of the bid package.

5.0 FIXTURE

- 5.1 The luminaire fixture shall be constructed of precision die cast aluminum. The fixture shall enclose the 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 Provisions shall be made within the luminaire to permit leveling of the unit.
 - 5.3.1 A leveling bubble device shall be mounted so as to be viewable from ground level.
- 5.4 The luminaire fixture shall be sufficiently sized to allow the operation of all components within their designed operating temperatures.

- 5.5 The complete luminaire shall have an effective projected area (EPA) not to exceed 1.5 sq. ft. and weight (including lamp) of less than 35 lbs.
- 5.6 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.
- 5.7 The optics enclosure of the fixture, driver, and SPD shall be rated IP 66 or better.
- 5.8 US, UL, DLC QPL, Outdoor and Wet Listed.

6.0 POLE AND MOUNTING ARM

- 6.1 A square straight steel pole shall be fabricated from high-grade structural steel tube with minimum wall thickness of 11 gauge.
- 6.2 A reinforced hand hole with cover shall be located 18 inches above base plate with a ground lug located inside pole on wall opposite hand hole.
- 6.3 Base plate shall be fabricated from hot rolled steel with a minimum yield strength of 36,000 PSI. Base shall telescope and be circumferentially welded to the pole shaft. The boltholes shall be 1-1/8 inch slotted, 11 inch diameter bolt circle and match the City of Austin Street Light Foundation in Attachment 1.
- 6.4 Base cover shall be fabricated from heavy gauge carbon steel, two-piece and cover the City of Austin Street Light Foundation in Attachment 1.
- 6.5 Pole shall be designed to withstand winds rated at 80 MPH and gust of 104 MPH.
- 6.6 All hardware shall be stainless steel and tamper resistant.
- 6.7 See attached drawings for clarifications and bolt patterns.

7.0 PHOTOMETRICS

7.1 100 Watt Equivalent LED Luminaires

- 7.1.1 The 100-watt equivalent LED 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 45 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 4.0:1 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 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.
- 7.2 250 Watt Equivalent LED Luminaires
- 7.2.1 The 250-watt equivalent LED mounted luminaire shall be IES upright rating U0 and, when mounted 30 feet above the midpoint of either long side of a rectangular area 160 feet by 40 feet, shall provide a measured minimum intensity of 0.2 footcandle at any point on the surface of the area and an average of 0.60 footcandles or greater. Light intensities measured in footcandles along a line parallel to and 20 feet in from the long side of the previously defined rectangular area above which the luminaire is mounted shall decrease at a rate not to exceed 0.5 footcandle in any 10 foot interval along the aforementioned line from 10 to 80 feet on both sides of the luminaire and shall not be less than 0.3 footcandle at any point along such line. Grid point spaced according to IESNA RP-8 for a roadway with four 10 foot lanes.
 - 7.2.2 The maximum to minimum horizontal illuminance uniformity ratio shall not exceed 20:1 within the above mentioned rectangular area.
 - 7.2.3 The average to minimum ratio shall not exceed 3.0:1 within the above mentioned roadway area.
 - 7.2.4 The luminaires 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 award of contract for the 250 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 a 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.
- 7.3 400 Watt Equivalent LED Luminaires
- 7.3.1 The 400-watt equivalent LED mounted luminaire shall be IES upright rating U0 and, when mounted 50 foot above the midpoint of either long side of a rectangular area 220 feet by 60 feet, shall provide a measured minimum intensity of 0.2 footcandles at any point on the

surface of this area and an average of 0.60 footcandles or greater. Light intensities measured in footcandles along a line parallel to and 30 feet in from the long side of the previously defined rectangular area above when the luminaire is mounted shall decrease at a rate not to exceed 0.5 footcandles in any 10 foot interval along the aforementioned line from 10 to 90 feet on both sides of the luminaire and shall not be less than 0.3 footcandle at any point along such line. Grid point spaced according to IESNA RP-8 for a roadway with four 15 foot lanes.

- 7.3.2 The maximum to minimum horizontal illuminance uniformity ratio shall not exceed 20:1 within the above mentioned rectangular area.
 - 7.3.3 The average to minimum ratio shall not exceed 3.0:1 within the above mentioned roadway area.
 - 7.3.4 The Luminaires 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.
 - 7.3.5 Certified test reports shall be submitted, by the bidder, prior to award of contract for the 400 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.
 - 7.3.6 The luminaries shall have a power factor > 0.90.
 - 7.3.7 The luminaries shall have a color temperature of 4000k, plus or minus 275k.
 - 7.3.8 The luminaries shall have a nominal CRI > 70 and a minimum CRI > 65.
 - 7.3.9 The luminaries shall have a efficacy of 92 lm/W or better.
 - 7.3.10 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.
 - 7.3.11 LLF as calculated in Section 8.
- 7.4 Luminaire Up Light
- 7.4.1 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.
- 7.5 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 105 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)

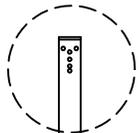
- 12.1.4 Lamp Wattage
- 12.1.5 Lamp IES designation and type
- 12.1.6 Primary voltage
- 12.1.7 Primary current
- 12.1.8 Wiring diagram corresponding to the components installed.
- 12.2 Fixture wattage decal shall be specified as in ANSI C136.15, latest revision. Decal shall resist cracking, peeling, 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 PACKAGING

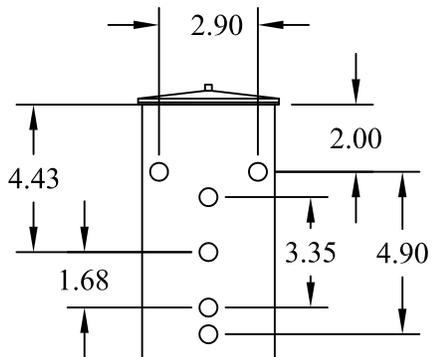
- 13.1 Fixture shall be packaged in one (1) box with cushion support protection to prevent damage to the fixture and any of its components' parts during shipping and handling.
- 13.2 AE commodity stock number will be two (2) in. block numerals on each box.
- 13.3 Boxes shall be palletized on 48-in. x 40-in. 4-way entry hardware pallets.

ATTACHMENT 1

DETAIL B

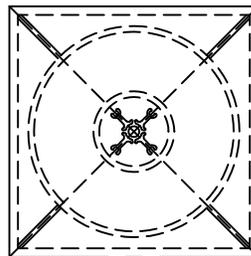


DRILL PATTERN
TYPICAL 4 SIDES

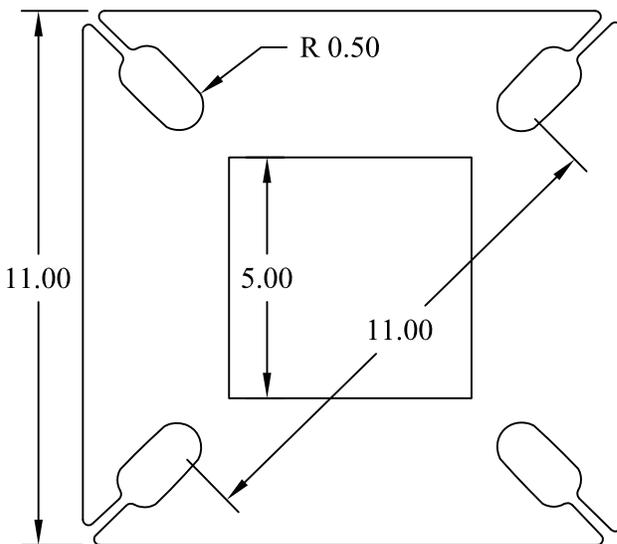


DETAIL B

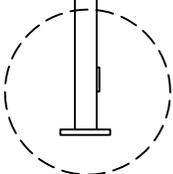
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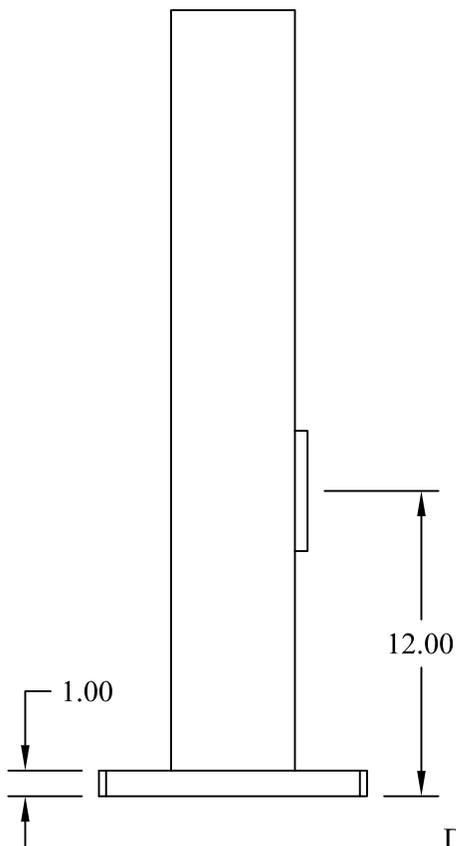
POLE CAP



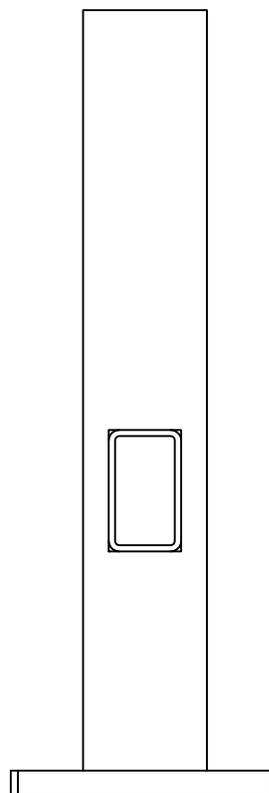
BASE PLATE



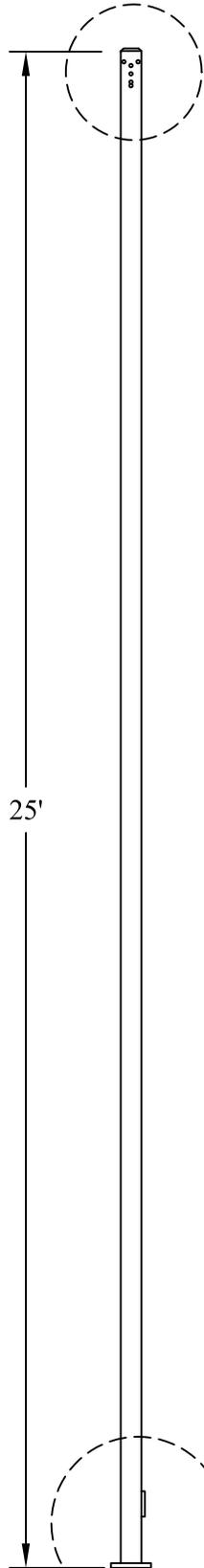
DETAIL A



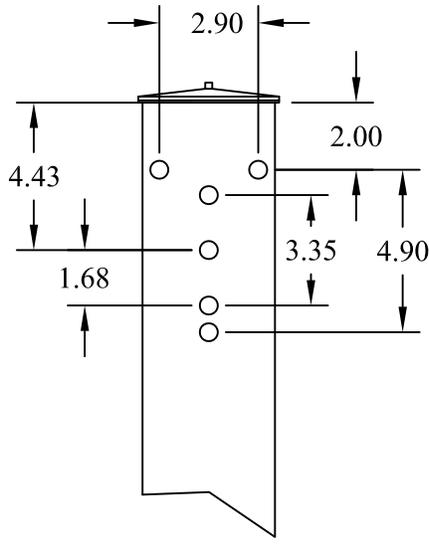
DETAIL A



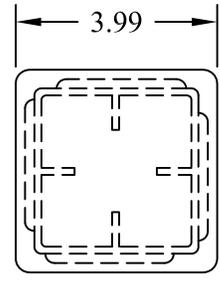
DETAIL B



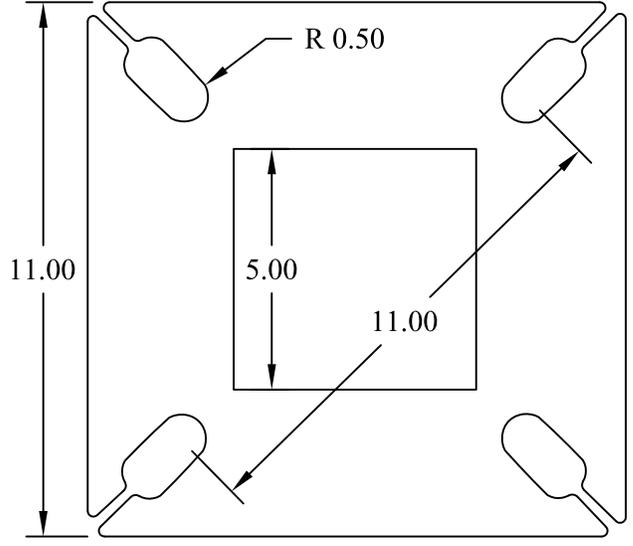
DRILL PATTERN
TYPICAL 4 SIDES



DETAIL B



POLE CAP



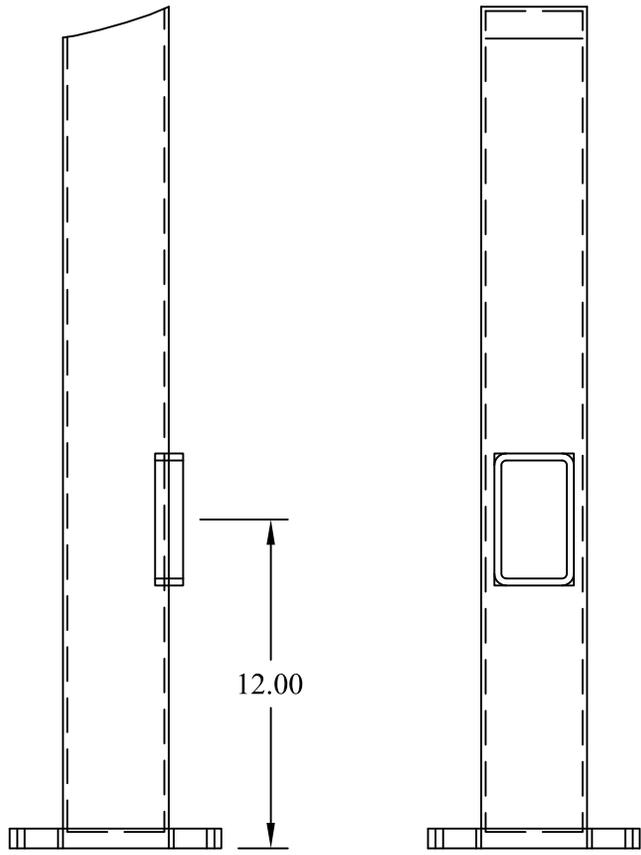
BASE PLATE

DETAIL A

1.00

DETAIL A

12.00



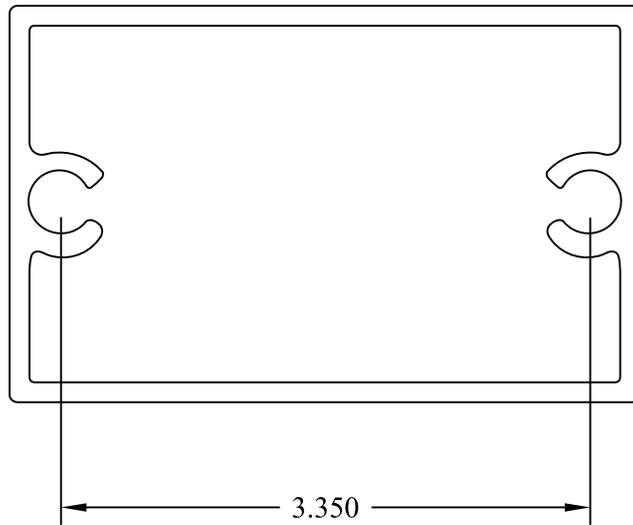
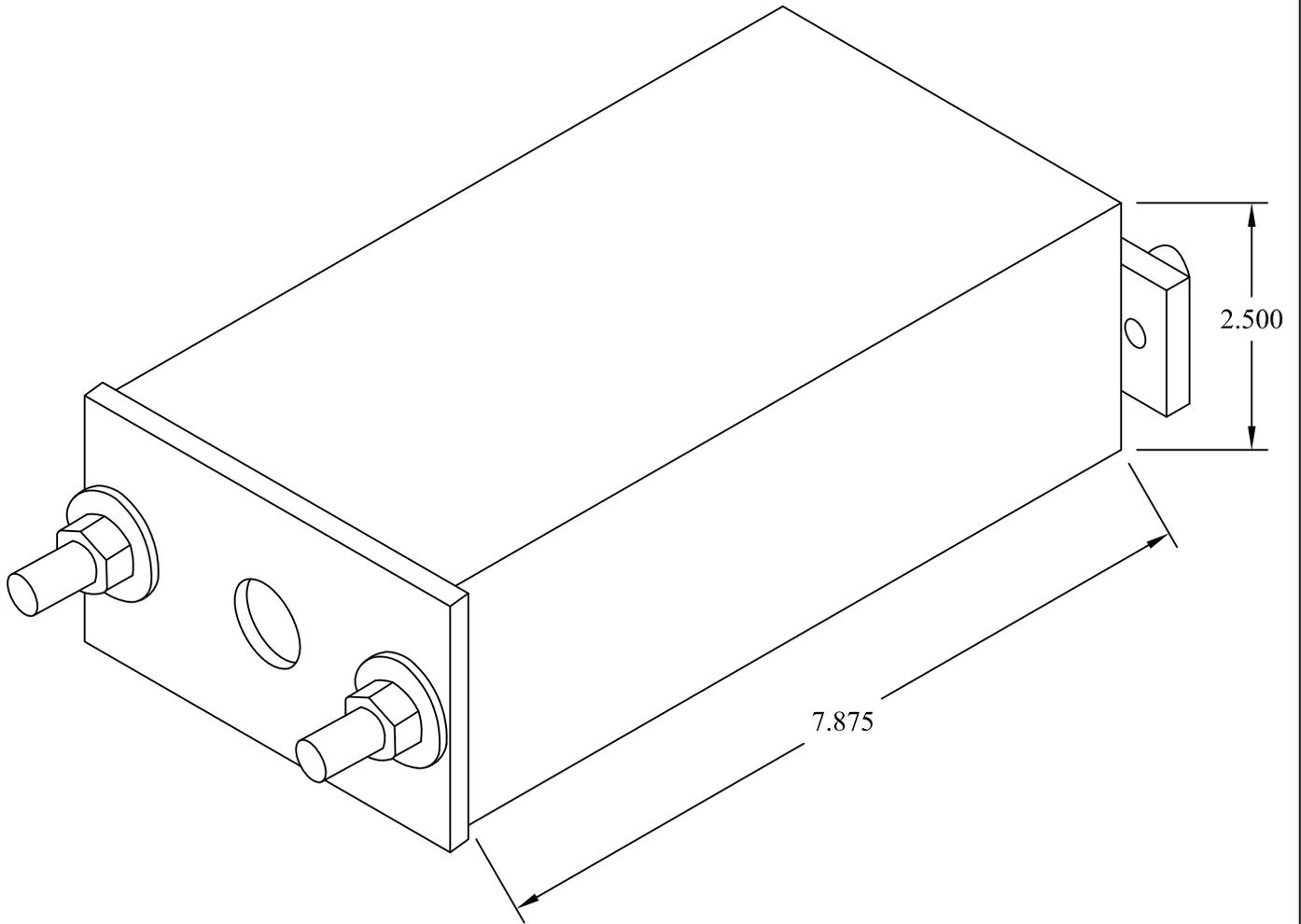
AUSTIN ENERGY

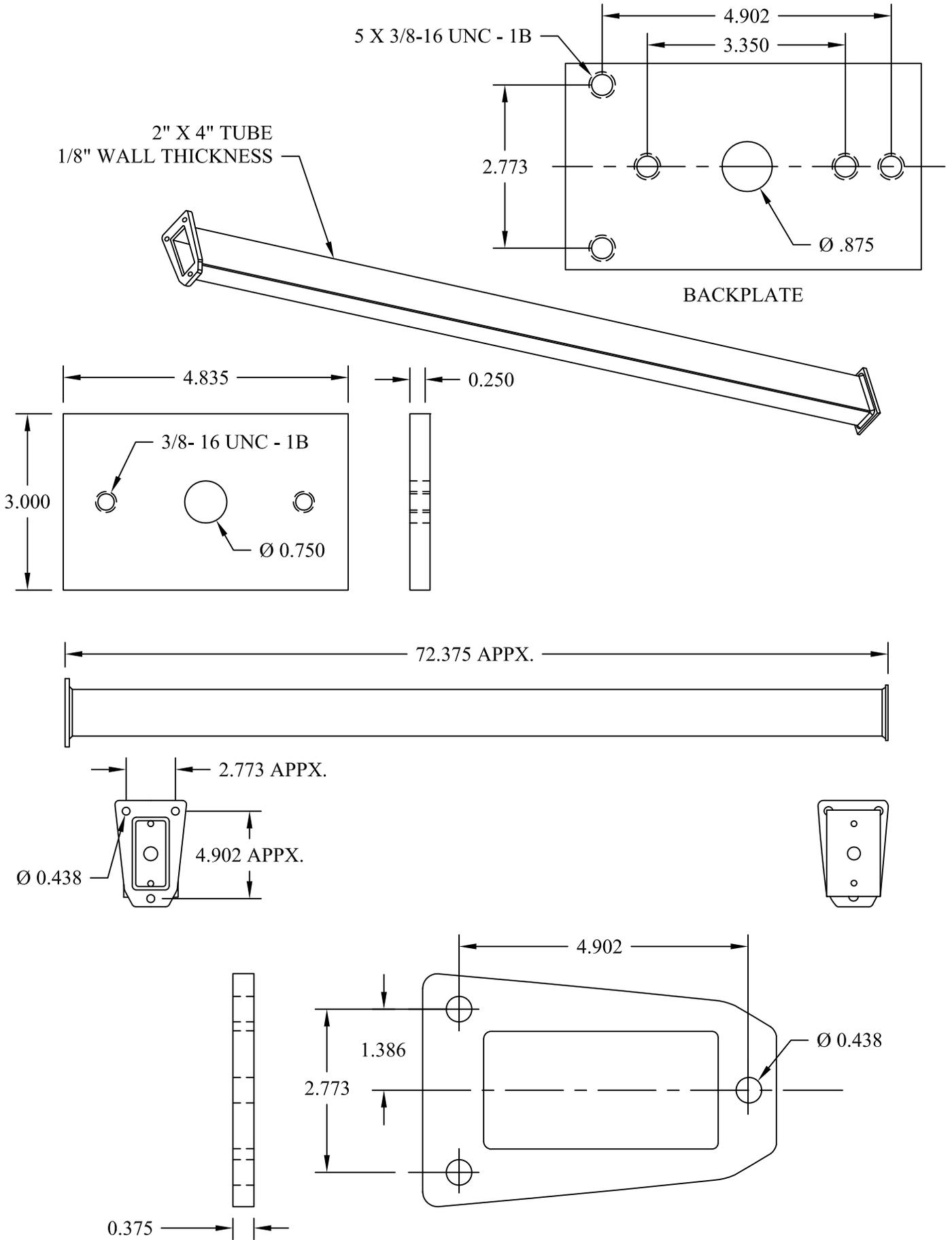
SHOEBOX POLE AND FIXTURE SPECIFICATION

MEDIUM ALUMINUM BRACKET

09/22/09

REV. 09/22/09

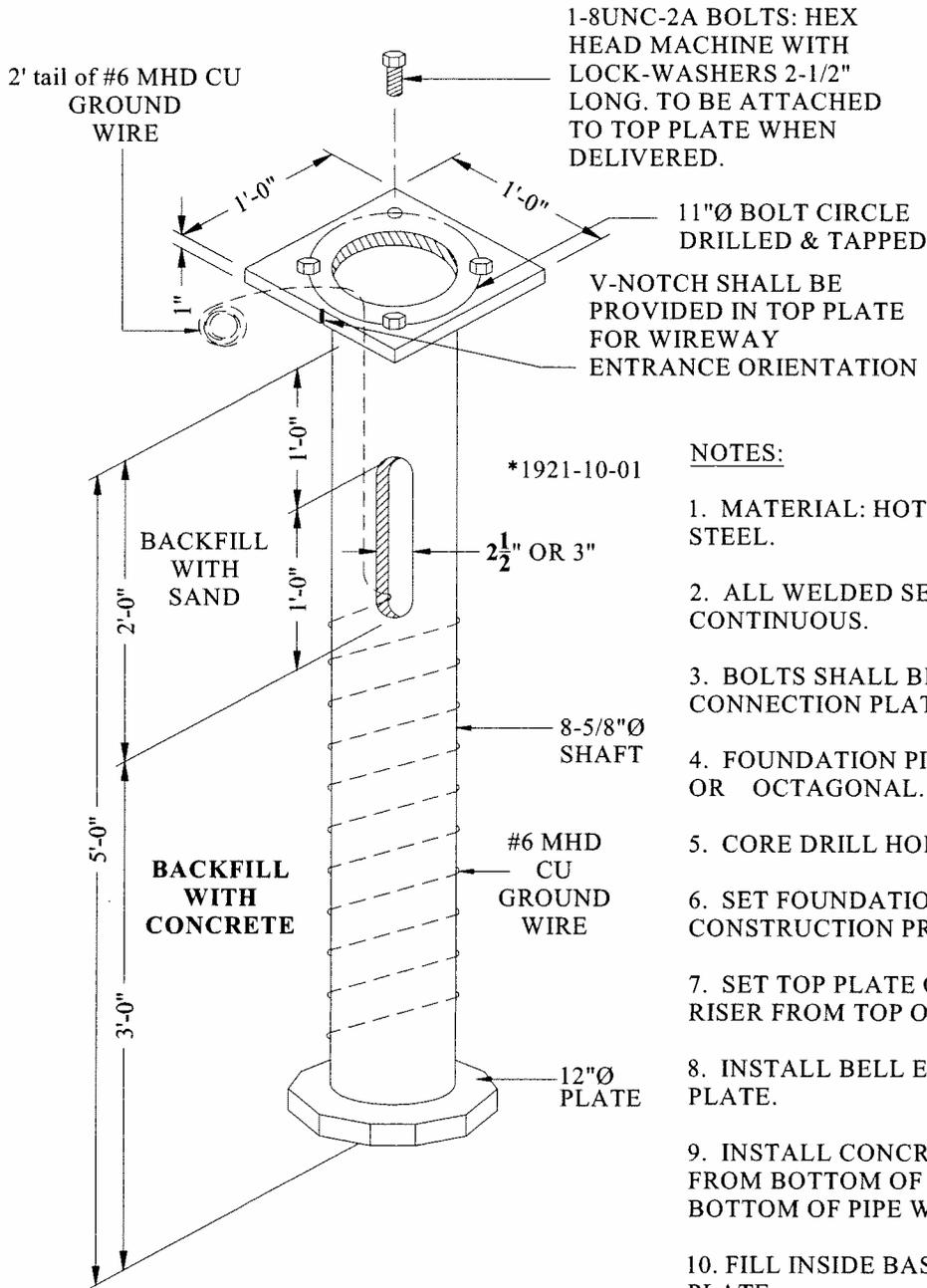




1921-10	STREETLIGHTS STREETLIGHT FOUNDATIONS FOUNDATION - 25/30/35FT	
Sheet 1 of 2		
09/26/02		Rev: 06/18/08

1921 STREETLIGHT FOUNDATIONS

1921-10 FOUNDATION - 25/30/35FT



1-8UNC-2A BOLTS: HEX HEAD MACHINE WITH LOCK-WASHERS 2-1/2" LONG. TO BE ATTACHED TO TOP PLATE WHEN DELIVERED.

11"Ø BOLT CIRCLE DRILLED & TAPPED
 V-NOTCH SHALL BE PROVIDED IN TOP PLATE FOR WIREWAY ENTRANCE ORIENTATION

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
SHOEBOX STYLE (LED) LUMINAIRES & POLES ANNUAL PRICE AGREEMENT**

BID NO. GGU0145

RX NO. RQM-1100-15042400300

DATE: JUNE 17, 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 solicitations may jeopardize acceptance of the bid.

*******THE QUANTITIES REQUESTED ARE ESTIMATED ANNUAL QUANTITIES*******

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	EXTENDED
1	LED SHOEBOX LUMINAIRE 100W EQUIVALENT, BLACK. IN ACCORDANCE WITH SPECIFICATION E-1790 AE STOCK NUMBER 23578 MANUFACTURER _____ P/N _____	50	EA		
2	LED SHOEBOX LUMINAIRE 100W EQUIVALENT, BROWN. IN ACCORDANCE WITH SPECIFICATION E-1790 AE STOCK NUMBER 23579 MANUFACTURER _____ P/N _____	3	EA		
3	LED SHOEBOX LUMINAIRE 250W EQUIVALENT, BLACK. IN ACCORDANCE WITH SPECIFICATION E-1790 AE STOCK NUMBER 23580 MANUFACTURER _____ P/N _____	3	EA		
4	LED SHOEBOX LUMINAIRE 250W EQUIVALENT, BROWN. IN ACCORDANCE WITH SPECIFICATION E-1790 AE STOCK NUMBER 23581 MANUFACTURER _____ P/N _____	3	EA		
5	LED SHOEBOX LUMINAIRE 400W EQUIVALENT, BLACK. IN ACCORDANCE WITH SPECIFICATION E-1790 AE STOCK NUMBER 23582 MANUFACTURER _____ P/N _____	3	EA		
6	LED SHOEBOX LUMINAIRE 400W EQUIVALENT, BROWN. IN ACCORDANCE WITH SPECIFICATION E-1790 AE STOCK NUMBER 23583 MANUFACTURER _____ P/N _____	3	EA		
7	SHOEBOX STREETLIGHT ASSEMBLY. THIS COMPLETE UNIT CONTAINS: IN ACCORDANCE WITH SPECIFICATION E-1790 AE STOCK NUMBER 23585 ONE (1) 25 FOOT BLACK POLE 19031 , ONE (1) 100W BLACK FIXTURE 23578 , ONE (1) 6 INCH BLACK ARM 19043 , ONE (1) BLACK HAND HOLE COVER 19081 , AND ONE(1) BLACK POLE CAP 19084 . MANUFACTURER _____ P/N _____	30	EA		

**BID SHEET
CITY OF AUSTIN
SHOEBOX STYLE (LED) LUMINAIRS & POLES ANNUAL PRICE AGREEMENT**

8	<p>POLE, SHOEBOX, ST LIGHT, 25FT, BLACK RAL-6591. BASE PLATE OF POLE SHALL BE A 12 INCH SQUARE WITH 4 1-1/8 INCH SLOTS (ONE IN EACH CORNER) ON AN ELEVEN INCH BOLT HOLE CIRCLE TO THE CENTER OF THE SLOTS. MUST BE ABLE TO ACCOMADATE A 1 INCH BOLT. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NUMBER 19031</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N SSP-25-4-11/AE-RAL6591</p> <p>MANUFACTURER _____ P/N _____</p>	30	EA		
9	<p>POLE, SHOEBOX, ST LIGHT, 25FT, BRONZE/CLB RAL-8014. BASE PLATE OF POLE SHALL BE A 12 INCH SQUARE WITH 4 1-1/8 INCH SLOTS (ONE IN EACH CORNER) ON AN ELEVEN INCH BOLT HOLE CIRCLE TO THE CENTER OF THE SLOTS. MUST BE ABLE TO ACCOMADATE A 1 INCH BOLT. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT AE STOCK NUMBER 19032</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N: SSP-25-4-11/AE-RAL-8014</p> <p>MANUFACTURER _____ P/N _____</p>	5	EA		
10	<p>POLE, SHOEBOX, ST LIGHT, 25FT, GREEN RAL-6009. BASE PLATE OF POLE SHALL BE A 12 INCH SQUARE WITH 4 1-1/8 INCH SLOTS (ONE IN EACH CORNER) ON AN ELEVEN INCH BOLT HOLE CIRCLE TO THE CENTER OF THE SLOTS. MUST BE ABLE TO ACCOMADATE A 1 INCH BOLT. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NUMBER 19033</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N: SSP-25-4-11/AE-RAL-6009</p> <p>MANUFACTURER _____ P/N _____</p>	5	EA		
11	<p>POLE, SHOEBOX, ST LIGHT, 30FT, BLACK RAL-6591. BASE PLATE OF POLE SHALL BE A 12 INCH SQUARE WITH 4 1-1/8 INCH SLOTS (ONE IN EACH CORNER) ON AN ELEVEN INCH BOLT HOLE CIRCLE TO THE CENTER OF THE SLOTS. MUST BE ABLE TO ACCOMADATE A 1 INCH BOLT. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NUMBER 19034</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N: SSP-30-5-11/AE-RAL-6591</p> <p>MANUFACTURER _____ P/N _____</p>	3	EA		
12	<p>POLE, SHOEBOX, ST LIGHT, 30FT, BRONZE/CLB RAL-8014. BASE PLATE OF POLE SHALL BE A 12 INCH SQUARE WITH 4 1-1/8 INCH SLOTS (ONE IN EACH CORNER) ON AN ELEVEN INCH BOLT HOLE CIRCLE TO THE CENTER OF THE SLOTS. MUST BE ABLE TO ACCOMADATE A 1 INCH BOLT. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NUMBER 19035</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N: SSP-30-5-11/AE-RAL-8014</p> <p>MANUFACTURER _____ P/N _____</p>	3	EA		
13	<p>POLE, SHOEBOX, ST LIGHT, 30FT, GREEN RAL-6009. BASE PLATE OF POLE SHALL BE A 12 INCH SQUARE WITH 4 1-1/8 INCH SLOTS (ONE IN EACH CORNER) ON AN ELEVEN INCH BOLT HOLE CIRCLE TO THE CENTER OF THE SLOTS. MUST BE ABLE TO ACCOMADATE A 1 INCH BOLT. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NUMBER 19036</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N: SSP-30-5-11/AE-RAL-6009</p> <p>MANUFACTURER _____ P/N _____</p>	5	EA		

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14	<p>POLE, SHOEBOX, ST LIGHT, 45FT, BLACK RAL-6591. BASE PLATE OF POLE SHALL BE A 18 INCH SQUARE WITH 4 1-3/8 INCH SLOTS (ONE IN EACH CORNER) ON AN 15 INCH BOLT HOLE CIRCLE TO THE CENTER OF THE SLOTS. MUST BE ABLE TO ACCOMADATE A 1-3/8 INCH BOLT. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NUMBER 19037</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N: SSP-45-8-7/AE-RAL-6591</p> <p>MANUFACTURER _____ P/N _____</p>	3	EA		
15	<p>POLE, SHOEBOX, ST LIGHT, 45FT, BRONZE/CLB RAL-8014. BASE PLATE OF POLE SHALL BE A 12 INCH SQUARE WITH 4 1-3/8 INCH SLOTS (ONE IN EACH CORNER) ON AN 15 INCH BOLT HOLE CIRCLE TO THE CENTER OF THE SLOTS. MUST BE ABLE TO ACCOMADATE A 1-1/4 INCH BOLT. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NUMBER 19038</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N: SSP-45-8-7/AE-RAL-8014</p> <p>MANUFACTURER _____ P/N _____</p>	3	EA		
16	<p>POLE, SHOEBOX, ST LIGHT, 45FT, GREEN RAL-6009. BASE PLATE OF POLE SHALL BE A 18 INCH SQUARE WITH 4 1-3/8 INCH SLOTS (ONE IN EACH CORNER) ON AN 15 INCH BOLT HOLE CIRCLE TO THE CENTER OF THE SLOTS. MUST BE ABLE TO ACCOMADATE A 1-1/4 INCH BOLT. ALL HARDWARE SHALL BE STAINLESS STEEL AND TAMPER RESISTANT. AE STOCK NUMBER 19039</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N: SSP-45-8-7/AE-RAL-6009</p> <p>MANUFACTURER _____ P/N _____</p>	5	EA		
	<p>Arm shall be extruded aluminum of steel. See attached drawings for clarifications and bolt patterns. All hardware shall be stainless steel and tamper resistant.</p> <p>Finish/Paint shall have a five (5) year warranty.</p>				
17	<p>ST LIGHT, SHOE BOX, ARM, 6FT, BLACK. AE STOCK NUMBER 19040</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N SSA-L-AE-RAL6591</p> <p>MANUFACTURER _____ P/N _____</p>	15	EA		
18	<p>ST LIGHT, SHOE BOX, ARM, 6FT, BRONZE/CLB. AE STOCK NUMBER 19041</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N SSA-L-AE-RAL8014</p> <p>MANUFACTURER _____ P/N _____</p>	6	EA		
19	<p>ST LIGHT, SHOE BOX, ARM, 6FT, GREEN. AE STOCK NUMBER 19042</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N SSA-L-AE-RAL6009</p> <p>MANUFACTURER _____ P/N _____</p>	5	EA		
20	<p>ST LIGHT, SHOE BOX, ARM, 6IN, BLACK. AE STOCK NUMBER 19043</p> <p>APPROVED MANUFACTURERS: TECHLIGHT P/N SSA-M-AE-RAL6591</p> <p>MANUFACTURER _____ P/N _____</p>	30	EA		

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21	ST LIGHT, SHOE BOX, ARM, 6IN, BRONZE/CLB. AE STOCK NUMBER 19044 APPROVED MANUFACTURERS: TECHLIGHT P/N: SSA-M-AE-RAL8014 MANUFACTURER _____ P/N _____	5	EA		
22	ST LIGHT, SHOE BOX, ARM, 6IN, GREEN. AE STOCK NUMBER 19045 APPROVED MANUFACTURERS: TECHLIGHT P/N: SSA-M-AE-RAL6009 MANUFACTURER _____ P/N _____	5	EA		
23	ST LIGHT, SHOE BOX, HAND HOLE COVER, BLACK. AE STOCK NUMBER 19081 APPROVED MANUFACTURERS: TECHLIGHT P/N: PHHCA-RAL6591 MANUFACTURER _____ P/N _____	5	EA		
24	ST LIGHT, SHOE BOX, HAND HOLE COVER, BRONZE/CLB. AE STOCK NUMBER 19082 APPROVED MANUFACTURERS: TECHLIGHT P/N: PHHCA-RAL8014 MANUFACTURER _____ P/N _____	5	EA		
25	ST LIGHT, SHOE BOX, HAND HOLE COVER, GREEN. AE STOCK NUMBER 19083 APPROVED MANUFACTURERS: TECHLIGHT P/N: PHHCA-RAL6009 MANUFACTURER _____ P/N _____	5	EA		
26	ST LIGHT, SHOE BOX, POLE CAP 4IN, BLACK. AE STOCK NUMBER 19084 APPROVED MANUFACTURERS: TECHLIGHT P/N: P4SQBPC-RAL6591 MANUFACTURER _____ P/N _____	5	EA		
27	ST LIGHT, SHOE BOX, POLE CAP 4IN, BRONZE/CLB. AE STOCK NUMBER 19085 APPROVED MANUFACTURERS: TECHLIGHT P/N: P4SQBPC-RAL8014 MANUFACTURER _____ P/N _____	5	EA		
28	ST LIGHT, SHOE BOX, POLE CAP 4IN, GREEN. AE STOCK NUMBER 19086 APPROVED MANUFACTURERS: TECHLIGHT P/N: P4SQBPC-RAL6009 MANUFACTURER _____ P/N _____	5	EA		
29	ST LIGHT, SHOE BOX, POLE CAP 5IN, BLACK. AE STOCK NUMBER 19087 APPROVED MANUFACTURERS: TECHLIGHT P/N: P5SQBPC-RAL6591 MANUFACTURER _____ P/N _____	5	EA		
30	ST LIGHT, SHOE BOX, POLE CAP 5IN, BRONZE/CLB. AE STOCK NUMBER 19088 APPROVED MANUFACTURERS: TECHLIGHT P/N: P5SQBPC-RAL8014 MANUFACTURER _____ P/N _____	5	EA		

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31	ST LIGHT, SHOE BOX, POLE CAP 5IN, GREEN. AE STOCK NUMBER 19089 APPROVED MANUFACTURERS: TECHLIGHT P/N: P5SQBPC-RAL6009 MANUFACTURER _____ P/N _____	5	EA		
32	ST LIGHT, SHOE BOX, POLE CAP 8IN, BLACK. AE STOCK NUMBER 19090 APPROVED MANUFACTURERS: TECHLIGHT P/N: P8SQBPC-RAL6591 MANUFACTURER _____ P/N _____	5	EA		
33	ST LIGHT, SHOE BOX, POLE CAP 8IN, BRONZE/CLB. AE STOCK NUMBER 19091 APPROVED MANUFACTURERS: TECHLIGHT P/N: P8SQBPC-RAL8014 MANUFACTURER _____ P/N _____	5	EA		
34	ST LIGHT, SHOE BOX, POLE CAP 8IN, GREEN. AE STOCK NUMBER 19092 APPROVED MANUFACTURERS: TECHLIGHT P/N: P8SQBPC-RAL6009 MANUFACTURER _____ P/N _____	5	EA		
				TOTAL	

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

DELIVERY METHOD: _____

COMPANY NAME: _____

SIGNATURE OF AUTHORIZED REPRESENTATIVE: _____

PRINTED NAME: _____

EMAIL ADDRESS: _____