



**City of Tacoma
Department of Public Utilities - Tacoma Power**

**LED Luminaires and Accessories
RFB Specification No. PE17-0224F**

QUESTIONS and ANSWERS

All interested parties had the opportunity to submit questions in writing by email to Richelle Krienke by 3:00 p.m., June 13, 2017. The answers to the questions received are provided below and posted to the City's website at www.TacomaPurchasing.org: Navigate to *Current Contracting Opportunities / Supplies*, and then click *Questions and Answers* for this Specification. This information IS NOT considered an addendum. Respondents should consider this information when submitting their proposals.

Question 1: We would like to bid this opportunity, see attached information showing that we have products equal to the current products listed. If I am reading bid correctly, if I provide all the backup documents we have several contractors interested in bidding. If so, could we get the AGi32 base file for the layouts so that we meet your lighting layout specs.

Answer 1: Alternates and exceptions to the specifications will be reviewed during the evaluation process; advance review and determination cannot be done. If you wish to offer an alternate product, please follow the instructions in the Specification documents.

AGi32 files are provided as links with the [specification](#). The files will be visible only to those with AGi32 software.

Question 2: I don't seem to be listed on the distribution list for this bid. Is it possible to add me?

Answer 2: This is an open solicitation. Interested parties can access the specification and any related documents free of charge at the City of Tacoma [purchasing website](#) by navigating to *Contracting Opportunities / Supplies Solicitations*, and then click *Specification* for this RFB.

To receive notification from the City regarding potential amendments or other updates to the original solicitation documents, including the Q&A document, prospective bidders must register for each solicitation. If you fail to register or provide the required information, you will not be notified of possible addenda or updates. In the absence of valid registration, the City shall not under any circumstances be responsible or liable for guaranteeing that such addenda and/or updates will be made available to you by other means. You are directed to periodically visit this website to obtain current information. As directed in the specification and on the [website](#), you may add yourself to the [bid holder list](#) at any time.

Question 3: We were wondering if AEL was left off the 150W EQ intersection listing by mistake. We are wondering if it is still possible to be listed for the intersections via addendum.

Answer 3: The fixture submitted by AEL prior to bid (ATB0-20BLED-R4-3K) exceeded the maximum BUG glare rating. The City searched through numerous available IES files from AEL, but was unable to find an AEL Residential 45 fixture that met ALL of the criteria prior to publication. As such, the City could not list a pre-approved fixture for AEL within the publication. However, AEL is an approved manufacturer, and may submit on any fixture meeting the criteria, but will need to submit additional documentation as required by the specification.

Question 4: Please clarify item 2.11 PRE-APPROVED FIXTURE MANUFACTURERS: If an approved manufacturer plans to submit a non pre-approved model or modified version, is it necessary to quote both a pre-approved fixture and the non-approved or modified as an alternate, or could they propose only one best fixture per line item?

Answer 4: In accordance with 2.11.D, approved manufacturers have the option to submit multiple fixtures for each fixture type. The Price Proposal Form and Fixture Worksheet may be provided for both a pre-approved fixture and a modified fixture, if desired.

Question 5: Pg. 39 Section 1.03 states submittal should be via SAP Ariba. However, pg. 4 requests hard copy and electronic copy submittal.

Answer 5: Item 1.03 states "*Unless stated otherwise*, all submittals must be in SAP Ariba ..." (emphasis added).

Question 6: Pg. 4 also requests the electronic copy be submitted as one file. This would create an extremely large document that could be potentially unwieldy. The technical documents could easily exceed 200 pages. If individual files were separated into folders by subject matter on the thumb drive would that be acceptable?

Answer 6: A single file is preferred; however, it is acceptable to separate the technical documents as separate electronic files as long as all other required content is provided in a single document.

Question 7: Pg. 4 requests one original and six copies of the submittal. Please confirm, is that 7 hard copies total or 6 copies total where one is marked original?

Answer 7: Seven hard copies total; one original and six copies of the original.

Question 8: Please instruct on placement of the cover letter within the bid package. The instructions on pg. 4 state not to include the cover letter in any of section 1(a)-(e). Could it be included with section 1(e) Technical Documentation for clarity.

Answer 8: A cover letter is not a required document and will not be reviewed.

Question 9: Should the photocells and shorting cap pricing be included in the bid? Section 2.06.C states they will be bid separately. However, they appear in several places in the document as bid items. They are specified in Section 2.10. Section 3.02.B.4 requests spec sheets for these materials. They are also listed as line items 6 and 8 on pg. 30 pricing document.

Answer 9: Section 2.06.C states that the photocell is a separate bid item, meaning the cost of the photocell should not be included in the cost of the fixture. If Respondants wish to be considered for the supply of photocells and shorting caps, they need to provide a submittal in response to this solicitation. A separate Request for Bids will not be issued for photocells.

Question 10: Section 2.07.A.1 states the luminaire housing must be aluminum. Can the door be polycarbonate if it is UV stabilized?

Answer 10: Yes, that would be acceptable. An addendum has been issued modifying 2.07 C.

Question 11: Section 2.07.D.2 specifies internal components be IP-66, in general most LED light engines are protected to this standard. Section 2.07.D.3 specifies the Enclosure be IP-65. This is an older standard which caused much confusion. In fixtures with weep holes the standard is for the fixture compartment to be “wet location rated”. Would it be possible to get an update to this specification section?

Answer 11: Current specifications 2.07.D.1 and 2.07.D.3 are contradictory, and D.3 should be deleted. Newer standards published by DOE states that Luminaire shall be listed for wet locations by a U.S. Occupational Safety Health Administration (OSHA) Nationally Recognized Testing Laboratory (NRTL). This is consistent with 2.07.D.1. An addendum has been issued deleting 2.07 D.3.

Question 12: On pg. 16 the AEL ATBS fixture is highlighted in blue. Is this a printing error or is there significance to this highlighting?

Answer 12: No significance to the blue highlight.

Question 13: Please clarify, on pg. 16 – 19 the Maximum Veiling Luminance Ratio is specified. The bid documents call it out as (Lvmax/Lavg). However, the most recent version of AGi32 calls out veiling luminance as MaxLvRatio. Please confirm if this is the correct standard.

Answer 13: This nomenclature used by AGi32 spans multiple standards from various countries. In accordance with the AGi32 documentation the Calculation Metric Definition for Veiling Luminance Ratio is as follows:

Veiling Luminance ratio - The IES method uses the maximum value of Veiling Luminance ($L_{v,max}$) divided by the Average Pavement Luminance (L_{avg}) as a measure of the disability glare produced by a lighting system.

Question 14: Is it possible to get pg. 30 to 33 in Word instead of PDF? This would make the forms easier to complete and provide a more legible document for submittal.

Answer 14: These are already available in Word via links posted with the [specification](#).

Question 15: We have reviewed the RFB and find that it seems to read that only the five pre-approved manufacturers can be submitted. My question for you is this, our fixtures meet or exceed the specifications called for, will we be given consideration even though the manufacturer is not one of the five listed?

Answer 15: See question 1.

Question 16: Can we meet the requirement of the experience questions on page 31 of 58 by working as a joint venture?

Answer 16: See item 1.14 of the Standard Terms and Conditions.