

REQUEST FOR PROPOSAL “RFP” PS20210877

SUPPLY AND DELIVERY OF CONCRETE POLE ADAPTERS AND POST TOP LED

**QUESTIONS AND ANSWERS NO. 1**

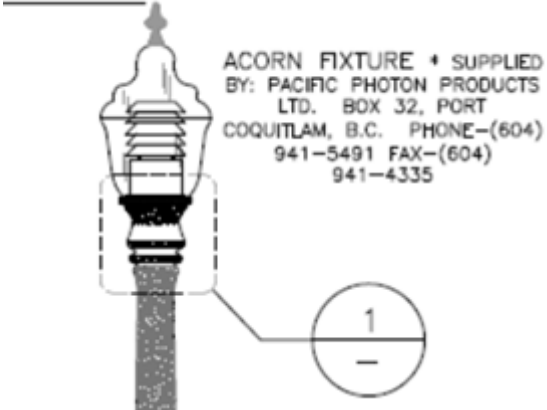
ISSUED ON August 17, 2021

Q1	<p><u>Appendix 3 - Pricing table, excel format:</u> Can COV please define, or provide a drawing, to confirm the differences between the types noted, per:</p> <ol style="list-style-type: none"> <li>1) Full Cut-Off LED Post Top Acorn Luminaire?</li> <li>2) Refractive Lensed LED Post Top Acorn Luminaire?</li> </ol> <p>For example, the drawing provided in the tender documents, <b>drawing LDS-1.2 REV B</b>, what type does this represent? Then can COV please issue a COV drawing confirming the other type?</p>
A1	<ol style="list-style-type: none"> <li>1) Post top luminaire generally shaped like an acorn with full cut off optics.</li> <li>2) Post top luminaire generally shaped like an acorn without full cut off optics.</li> <li>3) Drawing LDS-1.2 Rev B is in reference to the adapter required to modify the existing concrete poles to accept a tenon-mounted post top luminaire. The fixture shown in the drawing should not be used as a reference for the luminaires required; luminaires shall be as per the above two specifications.</li> </ol>
Q2	<p><u>3.0 SPECIFICATIONS .. 3.1 LED LUMINAIRE PRODUCT SPECIFICATIONS ... 3.1.1 General Construction:</u></p> <ul style="list-style-type: none"> <li>• (d) vii - . Luminaire must aesthetically complement the post-top Acorn luminaires already in use in the COV. Lensed and non-lensed versions are requested. <ul style="list-style-type: none"> <li>○ Can you please clarify this statement?</li> <li>○ By design, and defined in the Lighting Industry, an Acorn type luminaire, is fully lensed – detailed in COV drawing LDS-1.2 REV B <ul style="list-style-type: none"> <li>▪ Based on this drawing supplied, can COV please provide a drawing of what a non-lensed Acorn is?</li> </ul> </li> </ul> </li> <li>• (f) - Lenses may be composed of glass or acrylic <ul style="list-style-type: none"> <li>○ Can Polycarbonate lenses be supplied?</li> </ul> </li> </ul>
A2	<p><b>The City is requesting post top luminaires that are shaped to resemble an “acorn”. The City requires options for full cut off optics and non full cut off optics.</b></p>

**Questions and Answers NO.1**

	<p><b>Lensed and unlensed options will be considered.</b></p> <p><b>All lens types can be considered.</b></p>
<p style="text-align: center;">Q3</p>	<p><b>3.1.2 - Electrical:</b></p> <ul style="list-style-type: none"> <li>• (f) - (v) Thermally fused surge protection is desired.             <ul style="list-style-type: none"> <li>○ Please define this specification?</li> </ul> </li> <li>• (h) – NEMA 7 pin receptacle: Receptacle must support an attached node and allow communication with the RF mesh network that forms the City’s adaptive lighting controls.             <ul style="list-style-type: none"> <li>○ Over the last 2-3 years, COV has done an extensive retrofit of all COV Decorative Luminaires adding NEMA 7 receptacles. An example of this is attached, (Coal Harbour).                 <ul style="list-style-type: none"> <li>▪ For this tender, this option seems like a redundant, un-necessary cost. Why is the NEMA 7 pin receptacle required for this tender?</li> </ul> </li> <li>○ If required, for compatibility assurances, can COV please confirm the manufacturer of the COV control system?</li> <li>○ Please confirm dimming, control protocol?                 <ul style="list-style-type: none"> <li>▪ 0-10V, if so, what percentage ie 10%, 5%, 1% ... or, other?</li> <li>▪ 0-10V, step dimming, if so, what percentage?</li> <li>▪ DALI?</li> <li>▪ Other?</li> </ul> </li> </ul> </li> <li>• Can COV please advise the LED Driver operating Voltage required for the luminaires?</li> </ul>
<p style="text-align: center;">A3</p>	<p><b>Thermally fused surge protection is desired. Provide thermal rating of your submission’s fused surge protection if it is available.</b></p> <p><b>Integral NEMA 7-pin receptacle is required to avoid future retrofit where poles have not been retrofitted.</b></p> <p><b>Note: This RFP’s luminaires will be used on concrete poles to avoid installing external NEMA 7-pin receptacles installation which could risk damaging pole structure.</b></p> <p><b>City intends to deploy a lighting RF mesh control network provided by Itron. Dimming protocols must be compatible with the Itron network.</b></p> <p><b>Line voltage provided is typically 120V. Multivolt drivers accepting 120V–277V at 60Hz are required.</b></p>
<p style="text-align: center;">Q4</p>	<p><b>3.1.3 - Rated Life:</b></p> <ul style="list-style-type: none"> <li>• (b) - The design life of the LED array shall be defined as L89 at 100,000 hours...             <ul style="list-style-type: none"> <li>○ Is L89 a typo?</li> <li>○ L80 , or L90, are more common ratings</li> <li>○ Please clarify?</li> </ul> </li> </ul>

Questions and Answers NO.1

A4	<p>Of the many factors in consideration, one will be the proven longevity of the products on offer. Provide evidence of your offering's longevity using the LM-80 and TM-21 results available for your products. L80 at 100,000 hours is acceptable for the purposes of this RFP. Please refer to Amendment No 1.</p>
Q5	<p>Can you please confirm if you are looking for this specific model shown in the drawing found in the specifications? It looks like the supplier is already named and the product is already specified. Can you please clarify if this is indeed an open specification for anyone to specify any product that fits the specifications listed?</p>  <p>ACORN FIXTURE * SUPPLIED BY: PACIFIC PHOTON PRODUCTS LTD. BOX 32, PORT COQUITLAM, B.C. PHONE-(604) 941-5491 FAX-(604) 941-4335</p> <p>The drawing shows a technical illustration of an acorn-style luminaire. It features a glass globe with a decorative top and a mounting base. A dashed line indicates the mounting base, which is connected to a circular callout containing the number '1' and a horizontal line. The text to the right of the drawing provides the supplier's name and contact information.</p>
A5	<p>The City is not requesting the exact model specified in the drawing. The drawing LDS-1.2 Rev B should only be used as a reference for the adapter required to modify the existing concrete poles to accept a tenon-mounted post top luminaire. The fixture shown in the drawing should not be used as a reference for the luminaires required. The City is requesting LED equivalents for the post-top acorn style fixtures used in conjunction with the concrete poles.</p>