

City of Tacoma, WA

TACOMA POWER/TRANSMISSION & DISTRIBUTION

REQUEST FOR BIDS

LED LUMINAIRES AND ACCESSORIES

SPECIFICATION NO. PT26-0152F

City of Tacoma
Tacoma Power/Transmission & Distribution

REQUEST FOR BIDS PT26-0152F
LED Luminaires and Accessories

Submittal Deadline: 11:00 a.m., Pacific Time, Tuesday, January 19, 2027

Submittals must be received by the City's Procurement and Payables Division by 11:00 a.m. Pacific Time.

For electronic submittals, the City of Tacoma will designate the time of receipt recorded by our email server, as the official time of receipt. This clock will be used as the official time of receipt of all parts of electronic bid submittals. Include the specification number in the subject line of your email. Your submittal must be sent as an attachment, links to your electronic submittal will not be accepted.

For in person submittals, the City of Tacoma will designate the time of receipt recorded by the timestamp located at the lobby security desk, as the official time of receipt. Include the specification number on the outside of the sealed envelope. Late submittals will be returned unopened and rejected as non-responsive.

Submittal Delivery: Sealed submittals will be received as follows:

By Email:	**In Person:**
sendbid@tacoma.gov Maximum email size including attachments: 35 MB. Multiple emails may be sent for each submittal. **Note:** Email may pass through multiple servers before arriving at its destination. Please allow sufficient time for email delivery of submittals. Timely electronic delivery is at the risk of the supplier.	Tacoma Public Utilities Administration Building North, Main Floor, Lobby Security Desk 3628 South 35th Street Tacoma, WA 98409 Monday – Friday 8:00 am to 4:30 pm

Bid Opening: Submittals must be received by the City's Procurement and Payables Division prior to 11:00 a.m. Pacific Time. Sealed submittals in response to a RFB will be opened Tuesday's at 11:15 a.m. by a purchasing representative and read aloud during a public bid opening held at the Tacoma Public Utilities Administrative Building North, 3628 S. 35th Street, Tacoma, WA 98409, conference room M-1, located on the main floor. They will also be held virtually Tuesday's at 11:15 a.m. Attend a Zoom meeting via this link or call 1 (253) 215 8782, using meeting ID # 884 0268 0573, passcode # 070737.
Submittals in response to an RFP, RFQ or RFI will be recorded as received, but not read at bid opening. As soon as possible, after 1:00 PM, on the day of submittal deadline, preliminary results will be posted to www.TacomaPurchasing.org.

If you believe your submittal was sent timely and was not read at bid opening, please contact sendbid@tacoma.gov immediately.

Solicitation Documents: An electronic copy of the complete solicitation documents may be viewed and obtained by accessing the City of Tacoma Purchasing website at www.TacomaPurchasing.org.

- Register for the Bid Holders List to receive notices of addenda, questions and answers and related updates.
- Click here to see a list of vendors registered for this solicitation.

Pre-Proposal Meeting: A pre-proposal meeting will not be held.

Project Scope: Tacoma Public Utilities (TPU) is soliciting bids to establish one contract with qualified vendors to fulfill the City's needs for LED Luminaires and Accessories.

Estimate: $500,000

Paid Sick Leave: The City of Tacoma requires all employers to provide paid sick leave in accordance with State of Washington law.

Americans with Disabilities Act (ADA Information: The City of Tacoma, in accordance with Section 504 of the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA), commits to nondiscrimination on the basis of disability, in all of its programs and activities. Specification materials can be made available in an alternate format by emailing the contact listed below in the *Additional Information* section.

Title VI Information:
"The City of Tacoma" in accordance with provisions of Title VI of the Civil Rights Act of 1964, (78 Stat. 252, 42 U.S.C. sections 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin in consideration of award.

Additional Information: Requests for information regarding the specifications may be obtained by contacting Aaron Bratton by email to abratton@tacoma.gov.

Protest Policy: City of Tacoma protest policy, located at www.tacomapurchasing.org, specifies procedures for protests submitted prior to and after submittal deadline.

Meeting sites are accessible to persons with disabilities. Reasonable accommodations for persons with disabilities can be arranged with 48 hours advance notice by calling 253-502-8468.

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SUBMITTAL CHECK LIST

This checklist identifies items to be included with your submittal. Any submittal received without these required items may be deemed non-responsive and cannot be considered for award. Submittals must be received by the City of Tacoma Purchasing Division by the date and time specified in the Request for Bids page.

The following items make up your complete electronic submittal package (including all the items below):	
Signature Page (Appendix B) To be filled in and executed by a duly authorized officer or representative of the bidding entity. If the bidder is a subsidiary or doing business on behalf of another entity, so state, and provide the firm name under which business is hereby transacted.	
Price Proposal Form (Appendix B) The unit prices bid must be shown in the space provided. Check your computations for omissions and errors.	
Substitution Request Form (Appendix B) – if applicable If alternate materials are being proposed – see Section 1.03.2B for directions – additional items are also required with this form for evaluation.	
After award, the following documents will be executed:	
City of Tacoma Contract Must be executed by the successful bidder.	

1. MINIMUM REQUIREMENTS

See Section 1.01.3 of Special Provisions in Appendix A.

2. STANDARD TERMS AND CONDITIONS

City of Tacoma Standard Terms and Conditions apply.

3. DESCRIPTION OF WORK

Tacoma Public Utilities (TPU) is soliciting bids to establish one contract with qualified vendors to fulfill the City's needs for LED Luminaires and Accessories. Contract(s) will be awarded to the lowest responsive and responsible bidder(s) based on price, product quality and availability.

4. ANTICIPATED CONTRACT TERM

Contract will be for three (3) years with two (2) possible one-year (1) extensions.

5. CALENDAR OF EVENTS

This is a tentative schedule only and may be altered at the sole discretion of the City.

Contract may be issued after Public Utility Board and/or City Council approval.

The anticipated schedule of events concerning this RFB is as follows:

Approved Equivalent Deadline:	**12/18/2026**
Question Deadline:	**12/18/2026**
City response to Questions:	**1/8/2027**
Submittal Due Date:	**1/19/2027**
Anticipated Award Date, on or about:	**1/29/2027**
Public Utility Board/City Council Approval, on or about:	**2/24/2027**

6. INQUIRIES

6.1 Questions can be submitted to Aaron Bratton, Contracting and Procurement Specialist, Senior, via email to abratton@tacoma.gov. Subject line to read:
PT26-0152F – LED Luminaires and Accessories – *VENDOR NAME*

6.2 Questions are due by 3 pm on the date included in the Calendar of Events section.

6.3 Questions marked confidential will not be answered or included.

6.4 The City reserves the discretion to group similar questions to provide a single answer or not to respond when the requested information is confidential.

6.5 The answers are not typically considered an addendum.

6.6 The City will not be responsible for unsuccessful submittal of questions.

6.7 Written answers to questions will be posted alongside these specifications at www.tacomapurchasing.org.

7. PRE-BID MEETING

No pre-bid meeting will be held; however, questions and requests for clarifications of the specifications may be submitted as stated in the inquiries section.

8. DISCLAIMER

The City is not liable for any costs incurred by the Respondent for the preparation of materials, or a proposal submitted in response to this RFB, for conducting any presentations to the City, or any other activities related to responding to this RFB, or to any subsequent requirements of the contract negotiation process.

9. RESPONSIVENESS

Bid submittals must provide ninety (90) days for acceptance by City from the due date for receipt of submittals. All submittals will be reviewed by the City to determine compliance with the requirements and instructions specified in this RFB. The Respondent is specifically notified that failure to comply with any part of this RFB may result in rejection of the submittal as non-responsive. The City reserves the right, in its sole discretion, to waive irregularities deemed immaterial. The City also reserves the right to not award a contract or to issue subsequent RFBs.

10. AWARD

Awardee shall be required to comply with 2 CFR part 25 and obtain a unique entity identifier and/or be registered in the federal System for Award Management as appropriate.

Award will be made to the lowest responsive, responsible bidder. All bidders shall provide unit or lump sum pricing for each line item. Each line item will be added up for a subtotal price. The sub-total price will be compared amongst each bidder, including any payment discount terms offered twenty (20) days or more. The City may also take into consideration all other criteria for determining award, including evaluation factors set forth in Municipal Code Section 1.06.262.

All other elements or factors, whether or not specifically provided for in this specification, which would affect the final cost to and the benefits to be derived by the City will be considered in determining the award of the contract. The final award decision will be based on the best interests of the City.

The City reserves the right to let the contract to the lowest responsible bidder whose bid will be the most advantageous to the City, price and any other factors considered. In evaluating the proposals, the City may also consider any or all of the following:

1. Compliance with specification.
2. Proposal prices, listed separately if requested, as well as a lump sum total
3. Time of completion/delivery.
4. Warranty terms.
5. Bidder's responsibility is based on, but not limited to:
    a) Ability, capacity, organization, technical qualifications and skill to perform the contract or provide the services required.
    b) References, judgment, experience, efficiency and stability.
    c) Whether the contract can be performed within the time specified.
    d) Quality of performance of previous contracts or services

11. DELIVERY

See Section 1.08 of Special Provisions in Appendix A.

12. WARRANTY

See Section 1.09 of Special Provisions in Appendix A.

13. INSPECTION

See Section 1.09 of Special Provisions in Appendix A.

14. APPROVED ITEM EQUIVALENT

See Section 1.03.2B of Special Provisions in Appendix A.

15. COMPLIANCE WITH SPECIFICATIONS

All products shall be new and unused. Any product that does not comply with any part of these technical specifications shall be rejected and the vendor shall, at its own expense, including shipping, replace the item.

16. MATERIALS AND WORKMANSHIP

The successful bidder shall be required to furnish all materials necessary to perform contractual requirements. Materials and workmanship for this contract shall conform to all codes, regulations and requirements for such specifications contained herein and the normal uses for which intended. Material shall be manufactured in accordance with the best commercial practices and standards for this type of goods. All literature and products must be packaged and labeled to sell in the United States.

17. ENVIRONMENTALLY PREFERABLE PROCUREMENT

In accordance with the City's Sustainable Procurement Policy and Climate Action Plan, it is the policy of the City of Tacoma to encourage the use of products or services that help to minimize the environmental and human health impacts of City Operations. Respondents are encouraged to incorporate environmentally preferable products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or

services that serve the same purpose. This comparison may consider raw materials acquisition, products, manufacturing, packaging, distribution reuse, operation, maintenance or disposal of the product or service.

The City of Tacoma encourages the use of sustainability practices and desires any awarded contractor(s) to assist in efforts to address such factors when feasible for:

- Durability, reusability, or refillable
- Pollutant releases, especially persistent bioaccumulative toxins (PBTs), low volatile organic compounds (VOCs), and air quality and stormwater impacts
- Toxicity of products used
- Greenhouse gas emissions, including transportation of products and services, and embodied carbon
- Recycled content
- Energy and water resource efficiency

18. LEAP REQUIREMENTS

This project has no LEAP requirements; however, the City of Tacoma is committed to equality in employment for WA-State approved Apprentices, City of Tacoma residents, residents of local economically distressed areas, youth, veterans, minorities, and women. Please contact the LEAP Office for assistance in locating qualified employees. Visit the LEAP website for more information.

19. EQUITY IN CONTRACTING

This project has no EIC requirements; however, the City of Tacoma is committed to encouraging firms certified through the Washington State Office of Minority and Women's Business Enterprise to participate in City contracting opportunities. See **TMC 1.07 Equity in Contracting Policy** at the City's Equity in Contracting Program website.

20. DOCUMENT ASSISTANCE – WASHINGTON APEX

Washington APEX Accelerator offers government contracting assistance for Washington firms. View services available on their website for locations, ability to register as a client, and view schedules for in-person classes and networking events. Home - Washington APEX Accelerator

Prime Contractors can also use Washington Apex Accelerator to connect with small businesses to promote equity in contracting practices. Prime Information Resource - Washington APEX Accelerator

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SECTION I – SPECIAL PROVISIONS

1.01 - SCOPE OF BID

1.01.1 - PURPOSE

Tacoma Public Utilities (TPU), Tacoma Power is soliciting bids to establish a multi-year supply contract for outdoor type, LED Luminaires and Accessories. The materials outlined in this specification are intended for Tacoma Power's off-street lighting program.

1.01.2 - DEFINITIONS

For the purposes of this specification, the following definitions shall apply:

Term	Definition
RESPONDENT	A potential Supplier offering a submittal to supply equipment in accordance with these Specifications
SPECIFICATION	This document detailing the scope of supply
SUPPLIER	The Respondent(s) awarded a contract pursuant to these Specifications
SUBVENDOR	Any Supplier of parts, materials, and/or services to the vendor under these Specifications
EQUIPMENT/ MATERIAL	A fully functional piece of equipment/material supplied and tested in accordance with these Specifications
MANUFACTURER	The original manufacturer of the equipment/material
ENGINEER	The project engineer and/or contract administrator
CITY	The City of Tacoma, Tacoma Power
DELIVERY TIME	The length of time starting at the date of Supplier receipt of a purchase order, purchase order release, or Notice to Proceed and ending at the time that the item(s) are received at Tacoma Power

1.01.3 - QUALIFICATIONS

To further detail the requirements of Section 1.18.A.6 of the City of Tacoma Standard Terms and Conditions, only submittals which offer products from manufacturers experienced in the supply of materials as detailed within this Specification over a period of five (5) years or more will be considered responsive. A responsive submittal will demonstrate a record of successful completion of contracts similar in scope and size to that outlined in this Specification. The City shall be the sole judge of the Respondent's ability to meet the requirements of this paragraph.

1.01.3A - REFERENCES

Each Respondent shall complete the Proposal – References Data Sheet as required in the proposal section. A minimum of five (5) references over the past five (5) years is required.

1.01.3B - RESPONDENTS ORIGINATING FROM OUTSIDE THE UNITED STATES

Respondents that originate bids from outside the legal jurisdiction of the United States of America will be subject to the City of Tacoma's Legal Department opinion as to the viability of possible litigation pursuant to a supply contract resulting from this Specification. If it is the opinion of the City of Tacoma's Legal Department that any possible litigation would be beyond reasonable cost and/or enforcement the bid may be excluded from evaluation.

1.01.3C - MANUFACTURER REPRESENTATION

The Supplier shall have available to Tacoma Power a representative or agent who will provide field and technical support. The agent shall be authorized to coordinate returns and repairs as well as provide support for any matter pertaining to non-compliance with the terms of the Specification.

1.02 – CONTRACT

1.02.1 - CONTRACT PERIOD

The contract is intended for a minimum of three (3) years from the award date of the contract. The Award Date of Contract is the date that the City of Tacoma Purchasing Division issues the contract.

1.02.2 - CONTRACT EXTENSIONS

Two contract extensions of up to one year per occurrence may be considered upon mutual agreement of both parties to extend the contract under the same terms and conditions as the original contract.

1.02.3 – TERMINATION OF CONTRACT

The City reserves the right to cancel the Contract at any time upon prior notice to the Supplier (refer to City of Tacoma Standard Terms and Conditions Section 1.27).

1.03 – RESPONDENT'S PROPOSAL

1.03.1 – RESPONDENT REQUIREMENTS

Submittals must be emailed with the Specification number, Specification Title, and Respondent name in the subject line, and received by the City of Tacoma Purchasing Division by the date and time specified in the "Request for Bids" page or subsequent addenda.

The bid package submitted must be returned with the Respondent's proposal filled in as directed, including all data requested by the Provisions of these Specifications. All blank spaces on the Proposal forms will be properly populated.

1.03.2 - ALTERNATE BIDS

All bids including alternates shall include an original Signature Page. Each bid package submitted must be returned with the Respondent's proposal completed as directed, including all data requested.

1.03.2A - ALTERNATE BID PROPOSALS

Alternate bid proposals must be submitted as a separate bid package and identified as "ALTERNATE".

1.03.2B - ALTERNATE MATERIALS

If the Respondent elects to bid alternative equipment a Substitution Request Form (Appendix #B) must be submitted by email to Aaron Bratton, abratton@tacoma.gov by the dates listed in the Calendar of Events. Respondents will be notified of an approved or rejected Substitution Request Form no later than deadline stated in the Calendar of Events.

An approved Substitution Request Form shall not indicate acceptance of the alternate by the City. Complete data must be submitted with the bid, including the information as requested in Section 1.03.2B.1 "Items to be Sent with Substitution Request Form". The data shall demonstrate that the alternative item is of a quality equal to or better than that specified and has the required characteristics for the intended use. Failure to submit such data will render the bid non-responsive.

1.03.2B.1 – ITEMS TO BE SENT WITH SUBSTITUTION REQUEST FORM

1.03.2B.1A - PRODUCT DATA SHEETS

The Respondent shall provide manufacturer product data sheets (cut sheets) for each material to be supplied. Manufacturer data furnished must be sufficient in detail and clarity to enable making a complete and positive check that the materials offered in the submittal meet the call for this Specification.

1.03.2B.1B - MANUFACTURER'S QUALITY ASSURANCE POLICY
A copy of the manufacturer's internal "Quality Assurance" policy for the equipment to be supplied shall be included with the submittal. The policy documents shall include examples of inspection processes and quality control measures utilized to ensure supply of a reliable product.

1.03.2C – ALTERNATE EVALUATION
Upon request, the Respondent shall furnish to the City, within five (5) working days, additional information relating to such alternative items as the City may require. In the event that the equivalency is not readily ascertained from the information supplied by the Respondent, the City may test the material/equipment or have it tested. The City shall be the sole judge as to the equality and suitability of a proposed alternate. The decision of the City as to what items are equal shall be final and conclusive.

1.04 - EVALUATION & AWARD
Respondents are to provide unit or lump sum pricing for each line item, which will be summed for a subtotal price. Subtotals will be compared amongst each Respondent, including any offered payment discount terms of 20 days or more.

1.04.1 - AWARD OF CONTRACT
The Contract will be awarded to the lowest and best responsible Respondent(s) delivering a responsive submittal in compliance with these Specifications, provided such submittal is reasonable and it is in the best interests of the City to accept. The City, however, reserves the right to reject all bids and to waive any informalities in bids received. The award of this contract will not be based on cost alone, as other factors will be considered in the evaluation criteria.

1.04.1A – ITEMS TO BE SUBMITTED UPON CONTRACT AWARD
Upon contract award, City of Tacoma may also request copies of the items listed under Section 1.03.2B.1. These items must be submitted within ten (10) business days of request.

1.04.2 - EVALUATION CRITERIA
In evaluating the proposals, the City will consider any or all of the following:

- Compliance with Specifications
- Proposal prices, listed separately if requested, as well as a lump-sum total
- Minimum order requirements

1.04.2A - OTHER ELEMENTS
The City may also take into consideration other criteria for determining award. Other elements or factors, whether or not specifically provided for in this Specification, which would affect the final cost to and the benefits to be derived by the City, may be considered in determining the award of the contract. The final award decision will be based on the best interests of the City.

1.05 – PRICING AND PURCHASE ORDERS

1.05.1 - PRICES QUOTED

Per City of Tacoma Standard Terms and Conditions Section 1.16, the prices quoted on the Proposal – Pricing Sheet shall remain open for acceptance by the City for a minimum of 90 days from the submittal deadline. The prices quoted on the proposal sheets shall be firm for the first year of the contract. Subsequently the prices will be adjusted quarterly per Section 1.05.3.

1.05.2 - QUANTITIES AND PURCHASE ORDERS

The quantities listed on the Proposal Pricing Sheets are an estimate only. Delivery will be according to purchase orders on an as-needed basis throughout the period of the contract. The City reserves the right to increase or decrease quantities under this contract and pay according to the unit prices quoted in the proposal (refer to City of Tacoma Standard Terms and Conditions Section 1.35). The purchase order will be delivered to the Supplier by email.

1.05.3 - QUARTERLY PRICING ADJUSTMENT

The successful Respondent(s) may submit a request to escalate the unit prices of the items bid quarterly. Documentation supporting the request shall be included.

Price increases will be adjusted only to the amount of cost increase to Contractor. No adjustment will be made for Contractor profit margin. The City reserves the right to accept or reject all such price adjustments.

Increase requests may be evaluated against various market conditions, including but not limited to:

- Consumer Price Index for Seattle - Tacoma - Bremerton, All Items 1982-84+100, for the comparable period.
- Consumer Price Index for All Urban Consumers (CPI-U) for the U.S. City Average Index for All Items, 1982-84=100, unadjusted (http://www.bls.gov/ro9/ro9news.htm) for the comparable period.
- State/federal regulations affecting production costs of the materials.
- Volatile commodity market conditions.
- Various producer price or commodity indices.
- Minimum wage adjustments.

1.05.4 – UNSCHEDULED ADJUSTMENTS

At the City's discretion, the pricing adjustment terms may be waived for extraordinary conditions that could not have been known by either party at the time of bid or other circumstances beyond the control of both parties.

Requests for increases or decreases, other than scheduled, shall be sent to the Contract Manager accompanied by documentation supporting the requested change. No other individual or City Department is authorized to approve such modifications. Changes shall be considered effective upon Supplier's receipt of a revised contract document. Concurrence is implied unless Supplier rejects the changes in writing immediately upon receipt of the revised contract document.

1.05.5 - PROMOTIONAL PRICING
City is entitled to any promotional pricing during contract period that is lower than the Vendor's pricing as provided in the Proposal – Pricing Sheet. This promotional pricing shall include, but not be limited to: sale prices, price lowering, and/or lump-sum rebates.

1.06 – PACKING AND SHIPPING
The Supplier shall be responsible for industry standard packing that conforms to the requirements of the carrier's tariffs and the ICC regulations.

1.06.1 – LUMINAIRE PACKING REQUIREMENTS
Luminaires shall be individually packaged to prevent damage during shipping and storage.

1.06.1A – LUMINAIRE LABELING
Each package shall include the following information:

- Manufacturers Name
- Manufacturers Catalog Number
- Date of Manufacturer

Each pallet shall include the following information:

- Tacoma Power Stock Material Number (MID)
- Quantity
- City of Tacoma Purchase Order Number

1.06.2 – ACCESORY PACKING REQUIREMENTS
Luminaire accessories shall be packaged in a manner to prevent damage during shipping and storage.

1.06.2A – Accessory Labeling
Each package shall include the following information:

- Manufacturers Name
- Manufacturers Catalog Number

1.06.3 - SHIPPING REQUIREMENTS
Materials shall be shipped in such a fashion that they will arrive at the City without transit-associated damage. A complete packing list must be included.
Tacoma Power reserves the right to request a change in shipping company utilized by the Supplier based upon history of damaged goods delivered to Tacoma Power and/or evidence of unsafe work practices by the shipping company.

1.07 – DELIVERY

1.07.1 - DELIVERY TIME
The completed items shall be delivered between 9:00 a.m. and 3:00 p.m. Monday through Friday excluding City observed holidays as listed in City of Tacoma Standard Terms and Conditions Section 1.24.

1.07.2 - DELIVERY LOCATION
Deliver completed items F.O.B. as directed by the purchase order release to either:

Tacoma Power Warehouse 3628 South 35th Street (rear) Tacoma, Washington 98409 Attention: TPU Light Stores - South End	or	Tacoma Power South Service Center 3002 224th St. E Spanaway, WA 98387

1.07.2A – ALTERNATE DELIVERY LOCATION
The City retains the option to have the merchandise delivered to an alternate facility or on-site within a 35-mile radius of the Tacoma Power Warehouse. Notification of any change will be on the purchase order release.

1.08 - INSPECTION & WARRANTY
All goods are subject to final inspection and acceptance by the Engineer and/or Tacoma Power Warehouse employees.

1.08.1 - FAILURE OF INSPECTION
Materials received damaged or failing to meet the requirements of this contract will be held at the Supplier's risk and may be returned to Supplier. If so returned, the cost of transportation, unpacking, inspection, repackaging, reshipping, or other like expenses are the responsibility of the Supplier.

Charges for dismantling and reinstallation of materials furnished pursuant to the Contract will be the responsibility of the Supplier only when a change out or replacement is required because of a suspected or known design defect or large-scale failure of manufacturer's quality control system.

1.08.2 - WARRANTY

The Supplier and/or manufacturer of the supplies shall warrant all materials and workmanship delivered under any resulting contract to be free from defects or failure for any reason whatsoever which the City may reasonably determine is the responsibility of the Supplier, for a minimum of ten (10) years after the date of final acceptance. All items found to be defective and/or not meeting the requirement of these Specifications shall be replaced with new like products within the specified lead-time for delivery in the bid proposal. Charges for the transportation/freight of replacement items will not be allowed.

When the Supplier is not the manufacturer of the item of equipment, Supplier agrees to be responsible for this warranty and Supplier is not relieved by a manufacturer's warranty.

1.09 - INVOICES & PAYMENT

All items called for in these Specifications, including but not limited to, the necessary drawings and test results, must be supplied to the City before the final invoice can be processed.

1.09.1 - INVOICES

Invoices shall be emailed to: (Per Section 1.39 of the Standard Terms and Conditions)	AccountsPayable@tacoma.gov

1.09.2 - PAYMENT

Upon certification by the Engineer and/or appropriate warehouse personnel that the items have been received in accordance with the Specifications and are in satisfactory condition, a 100 percent payment will be made. Payment methods include:

- Electronic Funds Transfer (EFT) by Automated Clearing House (ACH).
- Check or other cash equivalent.

The City may consider cash discounts when evaluating submittals. See 1.20.A.2 of the Standard Terms and Conditions.

1.09.2A - UNSATISFACTORY PERFORMANCE

In the case of unsatisfactory performance, the payment shall be made after the Supplier has made the necessary repairs and/or modifications and satisfactory performance is obtained, or the unit is replaced.

1.10 - SAFETY AND STANDARDS

The Items supplied shall meet appropriate ANSI, OSHA, WISHA, and all federal, state, and local standards for its intended use.

These Technical Specifications have been prepared
by a licensed Professional Engineer registered in the State of Washington.

SECTION II - TECHNICAL PROVISIONS

2.01 - SCOPE

The Technical Provisions of these Specifications detail the minimum performance criteria and physical requirements for side-mount, outdoor type, light-emitting-diode (LED) area and security luminaires and their accessories.

2.02 - STANDARDS

LED luminaries shall meet the most recent editions of the following standards and all others that are applicable as referenced in these Specifications.

Standard Number	Standard Title
ANSI C78.377	Specifications for the Chromaticity of Solid-State Lighting (SSL) Products
UL 1598	Luminaires; UL
IEEE C62.42	IEEE Guide for the Application of Component Surge-Protective Devices for Use in Low-Voltage
C136.22	American National Standard for Roadway and Area Lighting Equipment – Ingress Protection (Resistance to Dust, Solid Objects and Moisture) for Luminaire Enclosures
ANSI C136.31	American National Standard for Roadway Lighting Equipment – Luminaire Vibration
ANSI C136.37	American National Standard for Roadway and Area Lighting Equipment – Solid State Light Sources Used in Roadway and Area Lighting
ANSI C136.41	Dimming Control Between an External Locking Type Photocontrol and Ballast or Driver
ASTM D2247.68	Standard Method for Testing Coated Metal Specimens At 100% Relative Humidity
IES LM-79	Optical and Electrical Measurements of Solid-State Lighting Products
IES LM-80	Approved Method: Measuring Maintenance of Light Output Characteristics of Solid-State Light Sources
IES TM-21	Projecting Long Term Lumen Maintenance of LED Light Sources

2.03 – GENERAL

The luminaire shall be designed and constructed to meet the requirements of ANSI C136.37. Luminaire features conforming to ANSI C136.37 shall include, but not be limited to mounting provisions, latching and hinging, terminal blocks, dimming, ingress protection, wiring and grounding, and photo-control receptacles.

Luminaire shall be RoHS (European Union Directive 2002/95/EC for Restriction of Hazardous Substance) compliant. Luminaire shall have less than the maximum concentration values of the following RoHS restricted substances:

- Mercury (Hg)
- Cadmium (Cd)
- Chromium VI (Cr +6)
- Polybrominated biphenyl (PBB)
- Polybrominated biphenyl ether (PBDE)
- Lead (Pb)

2.04 – LUMINAIRE PERFORMANCE

Description	70W Input
Operating temp, ambient range:	-40◦ C to +50◦ C -40◦ F to +122◦ F
Correlated Color Temperature (CCT)	5000°K ± 300
Total flux per LM-79	5000K – > 6500 lumens
Lumen depreciation of LED light sources per IES LM-80/TM-21	L70 (10,000) >60,000 hours L70 (TM-21) >100,000 hours LM at 100,000 hours = 93.95%
Color rendering index (CRI)	>70
Backlight, Uplight and Glare (BUG) rating	Standard Cutoff – B3, U2, G2
Luminaire efficacy, type V distribution per IES LM-79, Section 11.0	>90 Lumens/Watt
Off-state power consumption, NEMA photo control device	<0.5 Watts
On-state power consumption, NEMA excluding photo control device	70 Watts ± 10
Light distribution per IES Handbook	Type V

2.05 – POWER SUPPLY/DRIVER PERFORMANCE

Description	Bid Item #1
Input voltage	90 to 277 VAC 50/60HZ
Power factor	>0.90
Total harmonics distortion at full power at specified voltage	<10% @ 120 VAC <20% @ 277 VAC
Surge protection per ANSI/ IEEE C62.42.2 – 2002	20kV/10kA Replaceable surge module Location Category C – High
Interference	FCC 47 CFR part 15/18, Class A
Thermal protection	Thermal feedback for LED overheating protection
Driver life	>100,000 hours
Inrush current	<2A during photocell transition
Driver thermal protection	Thermally encapsulated to increase reliability

2.06 – LIGHTING AND DIMMING CONTROLS

Description	Bid Item #1
photo control	Integrated solid-state long-life photo controller <5mW power draw @ 277v
Photo control failure protection	Backup controller to ensure continuous dusk/dawn operation in event of a photo control failure
Luminaire remote control	Application for control of: Commissioning/decommissioning Brightness settings Custom dimming schedules
Dimming range	20% - 100%

2.07 – CONSTRUCTION

Description	Bid Item #1
Housing construction	Cast aluminum housing with integral heat sink
Finish	Gray powder coat
Mounting	Accepts 1-1/4” or 1” arm Adjustable angle +- 5%
3G Vibration withstand	ANSI C136.31-2010 Luminaire Vibration - Level 2 Bridge/Overpass
Ease of Installation/Maintenance	Tool-less access panel 66” pigtails standard or 10’, 20’ or none as options
Optical Lens	Diffused textured glass to reduce glare
Photo control	UV-stabilized polycarbonate housing
Shield	Optional three positions (including backlight) field-installable shield
Single unit net weight	< 10 lbs

2.08 – APPROVED MANUFACTURERS
The following manufacturers have been approved for supply of LED Luminaires and Accessories intended for Tacoma Power’s off-street lighting program:

Item #	Item Description	MFG	Catalog Number
1	LUMINAIRE, LED,70W, FLAT LENS, W/EYE	EvLuma	AX-70-50-5-C-P-STD-10
2	SHIELD, LUMINAIRE, LED	EvLuma	LTS

APPENDIX B

Signature Page

Proposal Forms

Substitution Request Form (if applicable)

SIGNATURE PAGE

CITY OF TACOMA
Tacoma Power/Transmission & Distribution

All submittals must be in ink or typewritten, executed by a duly authorized officer or representative of the bidding/proposing entity, and received and time stamped as directed in the **Request for Bids page near the beginning of the specification**. If the bidder/proposer is a subsidiary or doing business on behalf of another entity, so state, and provide the firm name under which business is hereby transacted.

REQUEST FOR BIDS SPECIFICATION NO. PT26-0152F
LED Luminaires and Accessories

The undersigned bidder/proposer hereby agrees to execute the proposed contract and furnish all materials, labor, tools, equipment and all other facilities and services in accordance with these specifications.

The bidder/proposer agrees, by submitting a bid/proposal under these specifications, that in the event any litigation should arise concerning the submission of bids/proposals or the award of contract under this specification, Request for Bids, Request for Proposals or Request for Qualifications, the venue of such action or litigation shall be in the Superior Court of the State of Washington, in and for the County of Pierce.

Declaration

The undersigned bidder/proposer hereby certifies under penalty of perjury that this bid/proposal and all required documents are genuine, accurate and not a sham or collusive bid/proposal, or made in the interests or on behalf of any person or entity not herein named; and that said bidder/proposer has not directly or indirectly induced or solicited any contractor or supplier on the above work to put in a sham bid/proposal or any person or entity to refrain from submitting a bid/proposal; and that said bidder/proposer has not, in any manner, sought by collusion to secure to itself an advantage over any other contractor(s) or person(s).

_____
Bidder/Proposer's Registered Name

_____
Address

_____
City, State, Zip

_____
Authorized Signatory E-Mail Address

_____
E.I.No. / Federal Social Security Number Used on Quarterly Federal Tax Return, U.S. Treasury Dept. Form 941

_____
E-Mail Address for Communications

_____
Signature of Person Authorized to Enter into Contracts for Bidder/Proposer — Date

_____
Printed Name and Title

_____
(Area Code) Telephone Number / Fax Number

_____
State Business License Number
in WA, also known as UBI (Unified Business Identifier) Number

_____
State Contractor's License Number
(See Ch. 18.27, R.C.W.)

Addendum acknowledgement #1_____ #2_____ #3_____ #4_____ #5_____

THIS PAGE MUST BE SIGNED AND RETURNED WITH SUBMITTAL.

PROPOSAL – PRICING SHEET

Item #	Item Description	Tacoma Power MID#	Estimated 3-year Usage	MFG*	Catalog Number*	Unit Price Each	Total Price FOB Destination (Qty X Unit Price)
1	LUMINAIRE,LED,70W, FLAT LENS,W/EYE	71207	900			$	$
2	SHIELD,LUMINAIRE,LED	71895	70			$	$
						Sub-total of All Items	$
Sales Tax @ 10.5%, Location Tax Collected: Tacoma, WA (Note Paragraph 1.41 of Standard Terms and Conditions)							$
						Total for All Items with Tax:	$

**See Section 2.08 for a list of current approved manufacturer part numbers. Submittals for alternate materials will be evaluated per Section 1.03.2.*

PROPOSAL – SHIPPING DATA

Item No.	Conductor Range	Tacoma Power MID #	Standard Packaging (Units per Package)	Lead Time	Minimum Release Quantity
1	LUMINAIRE,LED,70W, FLAT LENS,W/EYE	71207		wks	
2	SHIELD,LUMINAIRE,LED	71895		wks	

NOTES:

1. Quantities listed on the Proposal Pricing Sheets are an estimate only. Actual quantities will be according to purchase order on an as-needed basis.
2. All prices shall be submitted as F.O.B. Destination, freight prepaid and allowed (included in the unit price).
3. If the unit price does not compute to the extended total price, the unit price shall govern.

PROPOSAL – VENDOR INQUIRY

1. **Does your firm accept payment by EFT/ACH? ___Y ___N**
   (Electronic Funds Transfer (EFT) by Automated Clearing House (ACH))

2. **Prompt Payment discount offered _____%, _____ days**.
   Only discounts offered of 20 days or more will be considered for bid evaluation purposes.

PROPOSAL – SUPPLIER QUALIFICATION

Manufacturer	Manufacturing Locations

1. State the number of years the manufacturer has been producing products of a similar scope to those outlined in this Specification. See Section 1.01.3 for minimum qualifications allowed.

	Years

2. Can your firm provide “Manufacturing Representation” as described in Section 1.01.3C of this Specification?

YES	
NO	

Name of Representative : _____

3. Are all applicable current tariffs included in the pricing submitted?

YES	
NO	

4. Product Country of Origin : _____

PROPOSAL – REFERENCES DATA SHEET

(AS DESCRIBED IN SECTION 1.01.3A)

Five (5) references are the minimum allowed

UTILITY NAME AND ADDRESS	YEAR PRODUCT SOLD	CONTACT NAME	TELEPHONE NUMBER

SUBSTITUTION REQUEST FORM

Specification No. PT26-0152F

Prospective bidders may request the use of substitute equipment below.

All requests must be submitted electronically, via e-mail to abratton@tacoma.gov no later than the date listed in the Calendar of Events.

Manufacturer/Model:_____

Manufacturer Contact Information

Name/Title:_____

Phone Number: _____

E-Mail: _____

Describe the differences between the proposed substitution and specified equipment:

_____

_____

_____

_____

Please attach documentation from manufacturer that certifies the equipment meets all the criteria outlined in Technical Specifications of this bid specification.

Contractor Name: _____

Preparer Name/Title: _____

Mailing Address: _____

Phone Number: _____

E-Mail:_____

Signature: _____

INTERNAL USE ONLY

☐ Approved as Substitute*

☐ Rejected – Equipment Not Acceptable

☐ Rejected – Inadequate Information

☐ Rejected – Request Received After Deadline

**Subject to review and approval of submittal documents*

Remarks

_____

_____

_____

_____

_____

_____

Reviewer Name/Title: _____

Signature:_____Date: _____