

INVITATION FOR BID (IFB)

IFB No. 340-25

Solar Street Lights

Purchasing Analyst of Record: Nykeba Klein

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SECTION A: SCHEDULE, PURCHASING ANALYST OF RECORD, AND GENERAL SUMMARY OF NEEDS**A.1 SCHEDULE OF EVENTS:**

The following is a list of important items, dates, and times that pertain to this solicitation. All times listed below are in reference to the local Thornton, Colorado time.

<u>Solicitation Item</u>	<u>Date</u>	<u>Time</u>
Proposal Issued	03/09/26	
Deadline to Submit Additional Questions	03/17/26	11:00 P.M.
Response to Written Questions	03/20/26	11:00 P.M.
Proposal Due Date	03/31/26	11:00 P.M.

A.2 PURCHASING ANALYST OF RECORD:

The Purchasing Analyst of Record for this solicitation will be the central point of contact throughout the solicitation process. All questions and inquiries must be submitted in writing via a direct email to the Purchasing Analyst. No communication is to be directed to any other Thornton personnel.

The Purchasing Analyst of Record's contact information is as follows:

Name: Nykeba Klein
Title: Purchasing Analyst 1
Email: Nykeba.Klein@thorntonco.gov

A.3 GENERAL SUMMARY OF PROCUREMENT NEEDS:

The City of Thornton, CO ("Thornton") is seeking Proposals from interested firms for the purchase of fifteen (15) solar streetlights for the 84th Avenue Lighting Improvements project. This procurement is **for materials only**; installation services are **not** required.

SECTION B: CURRENT STATE, SCOPE OF WORK, AND SPECIAL CONSIDERATIONS**B.1 SCOPE OF WORK – GENERAL CONSIDERATIONS:**

All products furnished under this IFB shall meet or exceed the specifications outlined below and shall satisfy the lighting performance requirements demonstrated in the photometric analysis provided in **340-25 IFB Appendix No.1**.

1. Solar Streetlight Assembly Requirements

Each solar streetlight assembly shall include, at a minimum:

- One (1) LED cobra-head style luminaire
- One (1) solar panel
- One (1) mast arm
- One (1) pole

All components of the assembly (luminaire, solar panel, mast arm, and pole) shall be **gray in color**.

2. Performance and Design Specifications**a. Mounting and Physical Characteristics**

- i. Nominal luminaire mounting height: **28-ft minimum to 33-ft maximum**.
- ii. Luminaire mast arms: **arching style**, with lengths ranging from **4-ft. to 10-ft.**
- iii. Anchor base bolt circle shall be compatible with a **24-inch diameter concrete foundation** without overlapping.

b. Lighting and Electrical Performance

- i. Lighting operation: **Automatic dusk-to-dawn** functionality (on at dusk, off at dawn at minimum).
- ii. Lighting distribution: **Type III**.
- iii. LED color temperature: **2700K to 3000K**.
- iv. Operating temperature range: **-30°C to 40°C ambient**.
- v. Minimum rated operational life: **60,000 hours**.
- vi. Lumen maintenance **≥70% of original output** beyond 60,000 hours.
- vii. BUG(Backlight, Uplight, Glare) ratings shall be provided for each luminaire:
 1. Maximum Backlight rating: **B2**
 2. Maximum Uplight rating: **UO**
 3. Maximum Glare rating: **G2**

c. Maintenance and Serviceability

- i. No special tools shall be required for routine luminaire maintenance.
- ii. Manufacturer/supplier shall provide **installation and troubleshooting** support via telephone and/or email.

d. Documentation and Accessories

The manufacturer/supplier shall provide a complete documentation and hardware package including:

- i. Installation instructions;
- ii. Operations and maintenance manuals;
- iii. Cut sheets for all major components (luminaire, pole, battery, controller, etc.);
- iv. Written product warranties;
- v. Mounting hardware;
- vi. Anchor bolts;
- vii. Wiring;
- viii. Any additional components required for a fully functional solar streetlight assembly; and
- ix. Any additional product specifications such as battery chemistry, battery capacity, autonomy, wattage, lifespan, controller type, structural ratings, wind-load rating (e.g. 90-120mph), snow load or environmental durability requirements, corrosion resistance (e.g. hot-dip galvanized steel poles), seismic considerations (if applicable) etc.

Any deviations, alternate configurations, or optional features shall be clearly identified in the **340-25 IFB Appendix No. 3 Requirements Traceability Matrix (RTM)**.

3. Additional Features

- a. 7-pin photocell receptacle is preferred and should be included if available.

B.2 REQUIREMENTS TRACEABILITY MATRIX (“RTM”):

Thornton has provided an additional Microsoft Excel file under separate cover titled “**340-25 RFP Appendix No. 3 RTM**.” This matrix states the requirements, descriptions of information, and their associated MoSCoW values.

The matrix contains a column titled “Requirement Compliance” with drop downs, which the proposing Vendor is to answer how their solution meets each requirement, with options including, yes or no. There is an additional column within the matrix titled “Notes” for the Vendor to enter additional notes and details of your solution.

Proposing Vendors are required to complete and return this RTM Excel file with their final proposal submission as the responses will be part of the overall evaluation of the Vendor’s proposal.

B.3 BUDGETARY REQUIREMENTS:

Thornton has a current budget for the initial year and anticipated implementation of an awarded Vendor's proposed solution of **one hundred thousand dollars (\$100,000)**.

All future years of service, maintenance and support, and possible expansion of the program are subject to annual funding appropriations review and approval by the Thornton City Council.

B.4 ESTIMATED QUANTITIES:

Quantities listed are Thornton's current and actual needs, however, they do not obligate Thornton to order or accept more than what has been placed as an original order and by the availability of appropriated funds.

B.5 F.O.B. POINT:

Prices quoted shall be F.O.B. Destination and delivered, as required, to the following points:

City of Thornton Infrastructure Maintenance Center:
Infrastructure Maintenance Center
12450 Washington Street
Thornton, Colorado 80241

B.6 DELIVERY CONSIDERATIONS:

All deliveries shall be made between the hours of 8:00 a.m. and 3:30 p.m., Monday through Friday, excluding holidays.

B.7 INVOICING REQUIREMENTS:

Thornton's Accounts Payable Division is the only division within Thornton that issues payments to Vendors whom have submitted invoices. Thornton only issues payments from invoices and will not issue payments to Vendors off of quotes.

The Vendor must be capable of providing invoices that include the following details:

- Invoice number;
- Invoice date;
- Itemized charges, including unit of measurement;
- Total charge;
- Service date(s) or service period; and
- Delivery location (Building name and address).

Thornton's standard payment terms are net thirty (30) Calendar Days after receipt of an invoice. All invoices submitted shall be emailed to AP.Invoices@ThorntonCO.gov. In lieu of email, physical copies may be submitted to City of Thornton – Accounts Payable, 9500 Civic Center Drive, Thornton, CO 80229-4326. Invoices sent to anyone other than Accounts Payable are not considered to be properly submitted and will not be paid until they are properly submitted.

B.8 EMERGENCY PURCHASES:

Thornton reserves the right to purchase from other sources those items which are required on an emergency basis and cannot be supplied immediately from stock by the awarded Vendor.

B.9 EMERGENCY 24-HOUR SERVICES:

Emergency twenty-four (24) hour service is to be provided by Vendor at no additional cost. The contact's name, title, phone number, and email of the individual(s) to contact for emergency service shall be furnished to Thornton prior to a final award.

This service requires a live telephone answering service with the capability of immediately contacting operating personnel at all times. Recorded telephone answering service is not acceptable.

B.10 PALLET CHARGE:

All pallets supplied shall be non-returnable, no deposit.

B.11 VENDOR PERFORMANCE MANAGEMENT:

Thornton may administer a Vendor performance management program as part this. The purpose of this program is to create a method for documenting and advising Thornton of exceptional performance or any problems related to the purchased goods and services.

B.12 COOPERATIVE PURCHASING:

Thornton encourages the proper use of cooperative purchasing and reserves the right to make results of this solicitation available to other governmental agencies seeking like equipment, goods, or services. Other agencies using this solicitation must do so according to regulations established by their individual organizations and accept sole responsibility for its use. The terms and conditions of any resulting transaction shall be exclusively between the buyer and the seller. Buyers and sellers from other municipalities and political subdivisions using this solicitation in a cooperative or "piggy-back" fashion, agree to defend and hold harmless Thornton from any dispute or action arising from its use.

SECTION C: PRICING AND PROPOSAL ITEMS

C.1 PRICING INFORMATION:

This section shall include a description of the proposed costs and prices. All pricing information shall be limited solely to this section of your proposal. This section should address all requirements set forth in Section B as well as any other items pertinent to your proposal pricing such as additional discounts for increased quantities, service requirements, etc. The requirements have been developed to allow Thornton to uniformly evaluate prices submitted for the work. Accordingly, you should follow these instructions carefully and provide all data requested in the formats specified herein and in any referenced attachments.

Any omissions in this proposal shall be identified by each Vendor and incorporated into their proposal including any omissions for hardware, service, support, software, travel, shipping, etc. which is necessary to the success of the project. All items must be identified as a separate line item with pricing and included as part of this IFB, unless otherwise requested by Thornton. Thornton will not increase any subsequent Agreement or purchase order (neither dollar amount or time) for items not included in the submitted proposal documents. Thornton reserves the right to purchase part or the entire proposal.

C.2 PRICING:

All prices quoted shall be firm and fixed for the initial award period or up to one (1) year, whichever occurs last.

C.3 ANNUAL PRICE UPDATES:

The awarded Vendor must hold the Bid prices quoted firm until **December 31, 2026** because of budget cycle. After which time the Vendor may request annual price adjustments for inflation based on the Denver-Aurora-Lakewood Price Index upon mutual agreement of the Parties.

Price adjustment requests are to be made by the Vendor in writing (e.g., email) to the Thornton Purchasing Division, no later than sixty (60) Calendar Days prior to the Agreement's renewal date or year in which the adjustment may take effect. Should the Vendor fail to submit a request for a price adjustment to Thornton's Purchasing Division, then the current pricing shall remain in effect for the following renewal period of the Agreement.

A link to index that is current at the time of this solicitation has been provided below:

https://data.bls.gov/pdq/SurveyOutputServlet?data_tool=dropmap&series_id=CUURS48BSA0,CUUSS48BSA0

Notwithstanding the above, Thornton may, at its sole discretion, consider other publicly published pricing indices and/or modifications as deemed appropriate given market conditions. Note, Thornton is under no obligation to make such considerations and may require vendors to provide documentation substantiating any unusual market conditions beyond its control.

C.4 PRICING AND PROPOSAL ITEMS:

The Pricing Form has been provided under separate cover as a Microsoft Excel spreadsheet and is titled “**340-25 IFB Appendix No. 2 Pricing Form**”. Proposing Vendors must complete the Pricing Form as part of their proposal submission. Separate Vendor quotes shall not suffice and will not be considered as substitutes for the completion of this Pricing Form.

The remainder of this page has been left blank intentionally.

SECTION D: PROPOSAL INSTRUCTIONS, EVALUATION, AND AWARD**D.1 PROPOSAL POSTED LOCATIONS:**

This Invitation for Bid (IFB) has been posted publicly to the following locations:

- BidNet® Direct: www.BidNetDirect.com
- Thornton's Purchasing website: <https://solicitations.thorntonco.gov/solicitations>

Thornton currently uses BidNet Direct® and its own website to distribute official records for all copies of publicly posted proposals for viewing. Both websites operate as a free to view and download option for prospective Vendors

Upon request by a Proposing Vendor, the Purchasing Division will also make this solicitation available for viewing at the Contracts and Purchasing Division office. The address for the office is located on the cover page.

D.2 PROPOSAL QUESTIONS:

Thornton shall not be bound by and the Vendor shall not request or rely on any oral interpretation or clarification of this Proposal. Therefore, any questions regarding this proposal are encouraged and must be submitted in writing by email to the Purchasing Analyst of Record listed within this solicitation.

Questions received up to deadline to submit question in the Schedule of Events will be answered in writing per the Schedule of Events. Answers to questions from any Vendor will be provided to all Vendors.

D.3 ADDENDA:

In the event it becomes necessary to revise, change, modify or cancel this Proposal or to provide additional information, addenda will be issued and made available on BidNet Direct and on Thornton's website. It is the responsibility of the proposer/ contractor to confirm that they have acquired all addenda related to this proposal and they have reviewed/ complied with the requirements therein.

D.4 SUBMISSION OF PROPOSALS:

Submission of proposals for this solicitation may be done electronically through a Vendor portal (currently done via BidNet Direct®). Proposals can be submitted at www.bidnetdirect.com, but shall not be completely submitted later than the date and time indicated in the Schedule of Events.

If you experience problems with BidNet Direct®, please call 1-800-835-4603 for assistance. There is no charge by BidNet Direct® for this service.

Proposing Vendors who are unable to submit a proposal through BidNet®, may request to submit a physical copy of their proposal for consideration. A proposing Vendor shall email the Purchasing Analyst of Record prior to the question due date listed in the Schedule of Events, for instructions on where and how to submit their physical proposal. All physical proposal submissions shall be submitted and recorded no later than the date and time indicated in the Schedule of Events.

D.5 DOCUMENTS FOR FINAL VENDOR SUBMISSION:

Proposing Vendors are solely responsible to ensure that their submission is complete and responsible prior to a final submission. As a reminder this Proposal contains the following documents that will require completion by the proposing Vendor:

- 1) Section C.4 – Pricing and Proposal Items.
- 2) All additional technical information in support of your proposal.
- 3) A current copy of your company’s W-9.
- 4) Section E.1 – Acceptance of Conditions and Addenda Acknowledgement Form.
 - a) Include a current copy of your Thornton Business License if you are claiming the Local Vendor Consideration.
- 5) Section E.2 – References and Authorization Release Forms.

It is not necessary for a proposing Vendor to submit this entire IFB document that has been provided by Thornton with the Vendor’s response. Only the above-mentioned items are currently required with your proposal submission. Thornton reserves the right to request any clarification, ask any questions, or request additional documents that may aid in the evaluation of your proposal.

D.6 LATE PROPOSAL SUBMISSIONS:

Proposing Vendors are expected to allow adequate time to upload a complete submission for consideration through the Vendor portal (currently BidNet Direct®). The Vendor portal will not allow a Vendor to modify, save, nor upload their proposal after the submittal date and time have passed. It is **highly recommended** that as a proposing Vendor you do not wait until the last minute to submit your proposal.

Late Proposals will not be accepted. Sole responsibility rests with the Proposing Vendor to ensure that its Proposal is completely uploaded through the Vendor portal or are received in the Purchasing Office prior to the submission deadline. Proposals that are left in a “Draft” status in the Vendor portal will not be accepted by Thornton for consideration.

All physical proposals received in the Purchasing Office after the submittal date and time will be immediately rejected without consideration.

D.7 AWARDS:

Award will be made on an "all or none" basis. Prices must be shown for each item listed. Proposals submitted without individual item prices listed will be considered as non-responsive and rejected.

D.8 ACCEPTANCE PERIOD:

Submissions in response to this proposal shall remain valid until an award has been made to a proposing Vendor.

D.9 AWARD TERM LENGTH:

The goal of this proposal is to establish a multi-year purchasing avenue with an awarded Vendor.

The Vendor who is awarded from this proposal will be awarded through a purchase order that will last from the time of award through **December 31, 2026**. After the initial term expires, there will be the opportunity for a mutually agreed upon annual renewal for up to **six (6)** additional years.

All future renewal period will be executed by a **Vendor Commitment Statement**.

D.10 POST AWARD PURCHASE ORDER:

A Purchase Order (PO) may be generated by Thornton's Contracts and Purchasing Division as a result of the Award from this solicitation. This Award shall allow Thornton to place orders on an as-needed basis for future years' worth of needs that may arise, based on City Agency actual needs. All future year POs shall be conditional upon annual appropriation approval by Thornton's City Council. Thornton shall not be liable for any future charges from the awarded Vendor should the funding not be appropriated and approved by City Council.

D.11 STANDARD PROPOSAL CONSIDERATIONS:

Thornton maintains a standard set of proposal considerations and terms and conditions for proposals that are non-federally funded and are not through a cooperative awarded process. These considerations are static between each proposal process. It is the sole responsibility of the proposing Vendor to have read all proposal considerations. A copy of these standard proposal considerations and terms and conditions have been uploaded with this proposal document as a separate cover.

SECTION E: REQUIRED VENDOR SIGNATURE FORMS**E.1 ACCEPTANCE AND ADDENDA ACKNOWLEDGEMENT FORM:**

1) Vendor indicates acceptance of the following conditions:

City of Thornton Charter Section 7.4 prohibits Thornton from issuing a Purchase Order to firms which employ certain family members of employees unless the Thornton Council determines it is in Thornton's best interest. For the purposes of this Charter Section, a domestic partner shall be considered equivalent to a family member. The Vendor attests to the following:

No City Council Member, member of a board or commission, Municipal Judge, City Manager, City Attorney, or employee of the City of Thornton, or any such person's family member, domestic partner, or person assuming a relationship being the substantial equivalent of the above, has an existing or pending, direct or indirect, financial, pecuniary or personal interest in the proposing firm or this Invitation for Bid, except as follows: (list, if any) _____

2) The undersigned Vendor, having examined the Proposal Documents, and having full knowledge of the product and/or services requested and described herein, hereby proposes that it will fulfill the obligations contained herein specifications set forth; and that it will furnish all required products and pay all incidental costs all in strict conformity with these Proposal Documents, for the stated prices as payment in full. Yes No

3) I acknowledge receipt of any and all published addenda and a copy of the Sample Agreement as provided by Thornton : Yes No

4) I acknowledge that I have submitted all items and documents as required of the final proposal submission Yes No

Proposing Vendor's Name: _____

Date: _____

Submitted By (Printed): _____

Submitted By (Signature): _____

Title: _____

Telephone Number: _____

Email: _____

E.2 REFERENCES AND AUTHORIZATION AND RELEASE FORM:**REFERENCE AUTHORIZATION FORM**

By: _____, A Corporation
(Proposing firm) A Partnership whose address is _____
An Individual (Circle One)

Proposing firm has submitted a sealed Proposal to the City of Thornton (Thornton) for this solicitation.

Proposing firm hereby authorizes Thornton to perform such investigation of proposing firm as Thornton deems necessary to establish the qualifications, responsibility, trustworthiness, and financial ability of the proposing firm. By its signature hereon, the proposing firm authorizes Thornton to obtain reference information concerning the proposing firm and releases the party providing such information named above and Thornton from any and all liability to the proposing firm as a result of any reference information provided.

Proposing firm further authorizes Thornton to discuss and release any and all information regarding the Proposing firm's performance on its forthcoming services related to this project or other past projects upon receiving a request for such information. Proposing firm releases Thornton from any and all liability associated with such a release of information.

Proposing firm further waives any right to receive copies of reference information provided to Thornton. A copy or facsimile of this executed Reference Authorization and Release Form may be used with the same effectiveness as an original.

Proposing Vendor's Name: _____

Date: _____

Submitted By (Printed): _____

Submitted By (Signature): _____

Title: _____

REFERENCE FORM

Vendors shall complete at least three (3) references in relation to the products/services proposed in this solicitation. Vendors may add more than three (3) references if desired, but are not required to do so.

1. Company Name: _____
Street Address: _____
City, State, Zip Code: _____
Contact Person: _____
Office Phone Number: _____
Email Address: _____

2. Company Name: _____
Street Address: _____
City, State, Zip Code: _____
Contact Person: _____
Office Phone Number: _____
Email Address: _____

3. Company Name: _____
Street Address: _____
City, State, Zip Code: _____
Contact Person: _____
Office Phone Number: _____
Email Address: _____

VENDOR CHECKLIST

This checklist is for aiding the proposing Vendor's in completing their submission, only. It is **not** a requirement for a proposing Vendor to submit this checklist with their final proposal.

Have you, as a proposing Vendor made sure to do the following with your proposal:

- 1) Completed and signed the "Acceptance Of Conditions And Addenda Acknowledgement Form"? Yes No

- 2) Reviewed and understood the scope of work, and what Thornton's needs are?
Yes No

- 3) Completed and submitted any applicable technical information in support of your submittal?
Yes No

- 4) Completed and submitted the Pricing Form?
Yes No

- 5) Completed and submitted the RTM Form?
Yes No

- 6) Completed and submitted your references?
Yes No

SECTION F: AUTHORIZATION FOR SOLICITATION POSTING**F.1 PURCHASING MANAGER FORM:**

All communications regarding this solicitation shall be directed to the Purchasing Analyst of Record listed within this solicitation in Section A.2 – Purchasing Analyst of Record.

This solicitation has been reviewed and approved for a public posting by the Thornton Purchasing Manager.

Andrew Miskell, CPPB
Purchasing Manager