



AGENDA
WATAUGA CITY COUNCIL
REGULAR MEETING
MONDAY, FEBRUARY 24, 2025
CITY HALL COUNCIL CHAMBER, 7105 WHITLEY ROAD
6:30 PM

This notice is posted pursuant to the Texas Open Meetings Act. Notice is hereby given that a **Regular City Council Meeting** of the City of Watauga, Texas will be held at which time the following subjects will be discussed and may be acted upon.

CALL TO ORDER (Council Members, City Staff, Members of the Public - when speaking during the meeting please speak directly into the microphones on the dais or podium)

ROLL CALL

INVOCATION

PLEDGE OF ALLEGIANCE United States and Texas Flags

ANNOUNCEMENTS

PRESENTATIONS

PUBLIC COMMENT This is an opportunity for citizens to address the Council on items not posted on the current meeting agenda. Only those who have submitted a proper "Request to Speak Form" shall be permitted to speak. Citizens should provide their name and address for the record and will have no more than 3 minutes to speak. If representing an organization or group, the speaker should identify who they represent. Those wishing to speak are reminded 1). All comments are to be directed to the Council. 2) Be respectful of others. 3) No profanity permitted. 4) Violators will be removed from the premises. No discussion by the Council or Staff is allowed except to correct factual inaccuracies or request that the item be placed on a future agenda.

PUBLIC TESTIMONY FOR ACTION ITEMS This is an opportunity for citizens to address the Council on current agenda action items (excludes presentations and reports). Only those persons who have submitted a proper "Request to Speak Form" will be allowed to speak. Citizens will be required to state their name and address for the record. They have up to 3 minutes to speak, and their comments must be germane to the item. If speaking for an organization or group, the speaker should identify the group represented. Council members may ask questions or discuss the item with the citizens directly.

REPORTS

CONSENT AGENDA All of the items on the consent agenda are considered to be self-explanatory by the Council and will be enacted with one motion, one second, and one vote. There will be no separate discussion of these items. Any council member wishing to pull an item may do so.

1. Consider action on approval of an ordinance of the City Council of the City of Watauga, Texas, canceling the May 3, 2025, General Election, declaring unopposed candidates for Mayor, Councilmember Place 3, Councilmember Place 4, and Councilmember Place 5, and requiring certificates of election to be issued to the unopposed candidates.

PUBLIC HEARINGS

ACTION ITEMS

1. Consider action to approve a park lighting equipment purchase and installation for BISD Park with Voss Lighting Inc., in the amount of \$127,650, with a contingency of \$5,872, for a total cost not to exceed \$133,522.

Timothy Hamilton, Parks and Recreation Director

EXECUTIVE SESSION The City Council will recess its open meeting and reconvene in executive session to discuss the following items pursuant to the below referenced section(s) of the Texas Government Code:

RECONVENE The City Council will return to open session in the City Council Chamber for possible discussion and action as a result of the Executive Session.

ITEMS OF EXECUTIVE SESSION DELIBERATION

ITEMS FOR FUTURE AGENDAS

ADJOURNMENT

Meeting Notices and Reservation of Rights

The City Council may retire to executive session any time between the meeting's opening and adjournment for the purpose of consultation with legal counsel pursuant to Chapter 551.071 of the Texas Government Code; discussion of personnel matters pursuant to Chapter 551.074 of the Texas Government Code if the requisite information is otherwise posted; deliberation regarding real property pursuant to Chapter 551.072 of the Texas Government Code; deliberation regarding economic development negotiations pursuant to Chapter 551.087 of the Texas Government Code; and/or deliberation regarding the deployment, or specific occasions for implementation of security personnel or devices pursuant to Chapter 551.076 of the Texas Government Code (as applicable) when determined necessary by the [City Council/Board/Commission/Committee] to address a subject matter on the agenda. Action, if any, will be taken in open session.

Attendance by Other Elected or Appointed Officials: It is anticipated that members of other governmental bodies, and/or city council, boards, commissions and/or committees may attend the meeting in numbers that may constitute a quorum of the body, board, commission and/or committee. Notice is hereby given that the meeting, to the extent required by law, is also noticed as a possible meeting of the other body, board, commission and/or committee, whose members may be in attendance, if such numbers constitute a quorum. The members of the city council, boards, commissions and/or committees may be permitted to participate in discussions on the same items listed on the agenda, which occur at the meeting, but no action will be taken by such in attendance unless such item and action is specifically provided for on

an agenda for that city council, body, board, commission or committee subject to the Texas Open Meetings Act.

NOTICE

THIS FACILITY IS WHEELCHAIR ACCESSIBLE AND ACCESSIBLE PARKING SPACES ARE AVAILABLE. REQUESTS FOR ACCOMMODATIONS OR INTERPRETIVE SERVICES MUST BE MADE 48 HOURS PRIOR TO THIS MEETING. PLEASE CONTACT THE CITY SECRETARY'S OFFICE AT (817) 514-5825, OR FAX (817) 514-3625.

I, Linda Proskey, City Secretary for the City of Watauga, hereby certify that this agenda was posted on the bulletin boards at City Hall, 7105 Whitley Road, Watauga, Texas, on February 21, 2025, before 5:00 p.m., in accordance with Chapter 551 of the Texas Government Code.

/S/ Linda Proskey
City Secretary





AGENDA MEMORANDUM

DATE: February 19, 2025

TO: Honorable City Council Members

FROM:

THROUGH:

SUBJECT: Consider action on approval of an ordinance of the City Council of the City of Watauga, Texas, canceling the May 3, 2025, General Election, declaring unopposed candidates for Mayor, Councilmember Place 3, Councilmember Place 4, and Councilmember Place 5, and requiring certificates of election to be issued to the unopposed candidates.

BACKGROUND/INFORMATION:

FINANCIAL IMPLICATIONS:

RECOMMENDATION/ACTION DESIRED:

ATTACHMENTS/ SUPPORTING DOCUMENTATION:

1. Watauga Ordinance to Cancel May 3 2025 General Election
2. Certification of Unopposed Candidates Exhibit A

REVIEWED BY:

David Berman, City Attorney
Sandra Gibson, City Manager
Linda Proskey, City Secretary

Approved - 2/19/2025
Approved - 2/21/2025
New -

Approved as to form for inclusion on Agenda

**CITY OF WATAUGA, TEXAS
ORDINANCE NO. 2025-**

AN ORDINANCE BY THE CITY COUNCIL OF THE CITY OF WATAUGA, TEXAS, DECLARING UNOPPOSED CANDIDATES FOR MAYOR, COUNCIL MEMBER PLACE 3, COUNCIL MEMBER PLACE 4 AND COUNCIL MEMBER PLACE 5 ELECTED TO OFFICE; CANCELING THE MAY 3, 2025, GENERAL ELECTION; REQUIRING ISSUANCE OF A CERTIFICATE OF ELECTION TO THE UNOPPOSED CANDIDATES; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, a general election was called for May 3, 2025, to elect a Mayor, Council Member Place 3, Council Member Place 4 and Council Member Place 5, and

WHEREAS no proposition or opposed at-large race appears on the ballot, and the City Secretary has certified that there is only one candidate for Mayor, Council Member Place 3, Council Member Place 4, and Council Member Place 5, and, therefore, the candidates are unopposed, and

WHEREAS no candidate's name has been placed on a list of write-in candidates for any office under applicable law; and

WHEREAS the City Secretary has delivered a Certification of Unopposed Candidates (Exhibit "A" attached) to the City Council,

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF WATAUGA, TEXAS:

I

The City Council finds that the above-stated premises are true and correct.

II

The unopposed candidate for Mayor, City Council Member Place 3, Council Member Place 4, and City Council Member Place 5 listed below are hereby declared elected, to wit:

Mayor – Arthur L. Miner
Council Member Place 3 – Lovie Downey
Council Member Place 4 – Andrew Neal
Council Member Place 5 – Malissa Minucci

III

The City Secretary is directed to issue a Certificate of Election to the above-named members of the City Council in the manner and at the same time as provided for a candidate elected to office at the election. The person elected must qualify for the office in the manner provided by the Texas Constitution.

IV

The General Election for the City of Watauga on May 3, 2025, is canceled.

V

This Ordinance shall become effective and be in full force and effect from and after the date of passage and adoption by the City Council and upon approval thereof by the Mayor of the City of Watauga, Texas and publication hereof as prescribed by law.

PASSED AND ADOPTED by the City Council of the City of Watauga, Texas, the ____ day of February 2025.

APPROVED:

ARTHUR L. MINER, MAYOR

ATTEST:

LINDA PROSKEY, CITY SECRETARY

APPROVED AS TO FORM AND LEGALITY:

DAVID M. BERMAN, CITY ATTORNEY

13-1
Prescribed by Secretary of State
Section 2.051 – 2.053, Texas Election Code
9/2023

**CERTIFICATION OF UNOPPOSED CANDIDATES FOR OTHER
POLITICAL SUBDIVISIONS (NOT COUNTY) CERTIFICACIÓN DE
CANDIDATOS ÚNICOS
PARA OTRAS SUBDIVISIONES POLITICAS (NO EL CONDADO)**

To: Presiding Officer of Governing Body
Al: Presidente de la entidad gobernante

As the authority responsible for having the official ballot prepared, I hereby certify that the following candidates are unopposed for election to office for the election scheduled to be held on May 3, 2025.

Como autoridad a cargo de la preparación de la boleta de votación oficial, por la presente certifico que los siguientes candidatos son candidatos únicos para elección para un cargo en la elección que se llevará a cabo el 3 de mayo de 2025.

List offices and names of candidates:
Lista de cargos y nombres de los candidatos:

Office(s) Cargo(s)

Mayor
Council Member, Place 3
Council Member, Place 4
Council Member, Place 5

Candidate(s) Candidato(s)

Arthur L. Miner
Lovie Downey
Andrew Neal
Malissa Minucci


Signature (Firma)

Linda Proskey

Printed name (Nombre en letra de molde)

City Secretary
Title (Puesto)

02/19/2025
Date of signing (Fecha de firma)

*See reverse side for instructions
(Instrucciones en el reverso)*

(Seal) (sello)





AGENDA MEMORANDUM

DATE: February 12, 2025

TO: Honorable City Council Members

FROM: Timothy Hamilton, Parks and Recreation Director

THROUGH: Sandra Gibson, City Manager

SUBJECT: Consider action to approve a park lighting equipment purchase and installation for BISD Park with Voss Lighting Inc., in the amount of \$127,650, with a contingency of \$5,872, for a total cost not to exceed \$133,522.

BACKGROUND/INFORMATION:

The trail lighting equipment purchase and installation for BISD Park was identified in the CIP & Capital Projects portion of the FY25 budget approved by the Watauga City Council in August 2024. Proposals were obtained from Voss Lighting Inc. in the amount of \$127,650 utilizing the OMNIA Partners Cooperative Contract # 02-83. The City will add a contingency amount of \$5,872 to be used as needed for a project total not to exceed \$133,522.

The proposed trail lighting equipment matches the current solar trail lights installed at Capp Smith Park in 2021. We have received excellent customer support from the manufacturer whenever any issues have arisen. We are excited to enhance the safety and usage of the number one desired amenity in the 2017-2027 Watauga Parks Main Plan for the listed parks.

The City of Watauga is a member of OMNIA Partners and per authority granted by Local Government Code Section 271.102 and Texas Government Code Chapter 791, government entities may utilize cooperative purchasing between local government entities and cooperative purchasing organizations. The code is designed to allow government entities to utilize contracts for products and services that have already gone through the bid process, thereby meeting all state and local purchasing laws and requirements. The City of Watauga, as a member, may utilize contracts offered through the purchasing cooperatives, thus enhancing the purchasing power and reducing costs and work hours.

This item was pulled from the January 27, 2025, Consent Agenda to the Action Agenda of the same meeting and then requested to be brought back to this meeting for further discussion.

FINANCIAL IMPLICATIONS:



AGENDA MEMORANDUM

Funds for this project are available as part of the FY2025 CIP & Capital Projects budget utilizing the 2024 Certificate of Obligations

RECOMMENDATION/ACTION DESIRED:

Staff is requesting direction as to possible alternative actions desired by the City Council or approval of the trail lighting equipment purchase and installation with Voss Lighting Inc. for BISD Park in an amount not to exceed \$133,522, as presented.

ATTACHMENTS/ SUPPORTING DOCUMENTATION:

1. 02-24-25 BISD Park Trail Lights
2. Voss Proposal - BISD Park
3. First Light Technologies SCL2 Purchase Specs
4. Birdville ISD Park - Lighting Report
5. Voss Lighting Inc. 1295

REVIEWED BY:

Frieda Buck, Financial Svcs Tech
Deby Woodard, Interim Director of Finance
David Berman, City Attorney
Sandra Gibson, City Manager
Linda Proskey, City Secretary
Approved as to form for inclusion on Agenda

Approved - 2/13/2025
Approved - 2/19/2025
Approved - 2/19/2025
Approved - 2/21/2025
New -

City Council Meeting
February 24, 2025



BISD Park Trail Lights

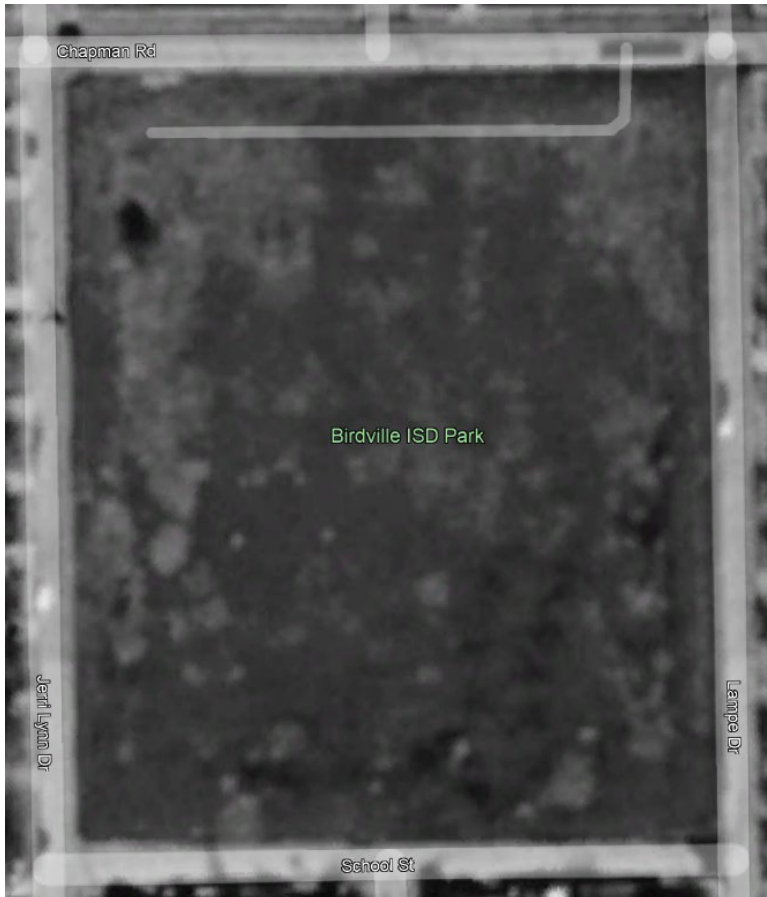
Timothy Hamilton
Parks & Community Services Director

BISD Park History

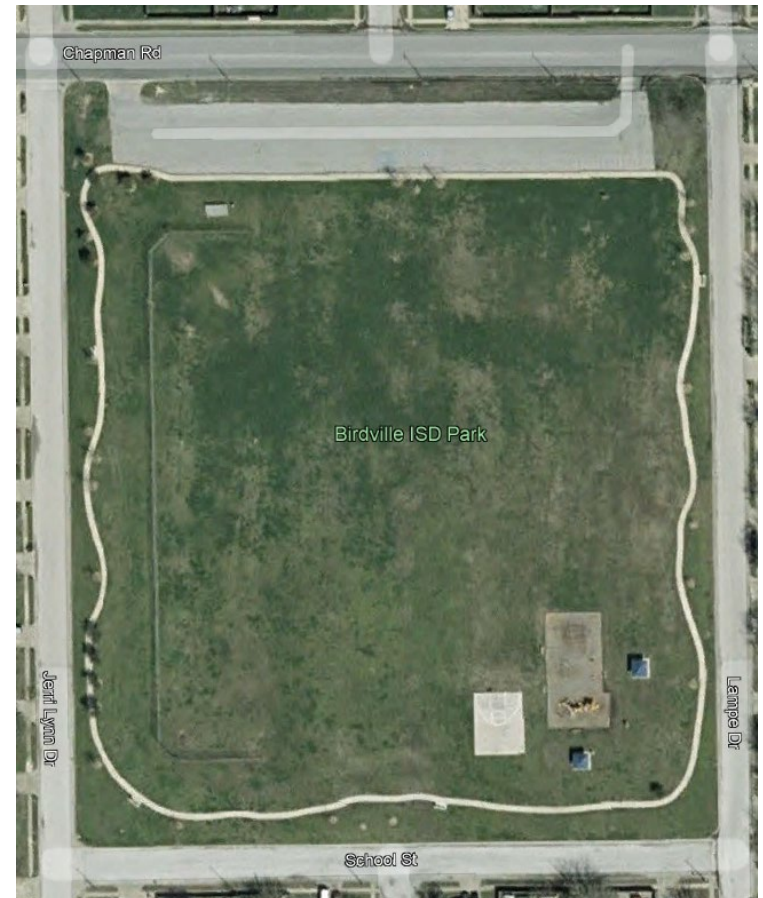


- Executed lease agreement with Birdville Independent School District in 1985
- Perpetual agreement until such time as the parties mutually agree to terminate
- Bullet #6 in BISD agreement stipulates reimbursement for useful improvements
- No improvements occurred until between 1995 and 2001
- Site amenities visible in 2001
- Spent over an estimated \$770,000 in maintenance/improvements in 39+ yrs.

BISD Park 1995-2001



1995

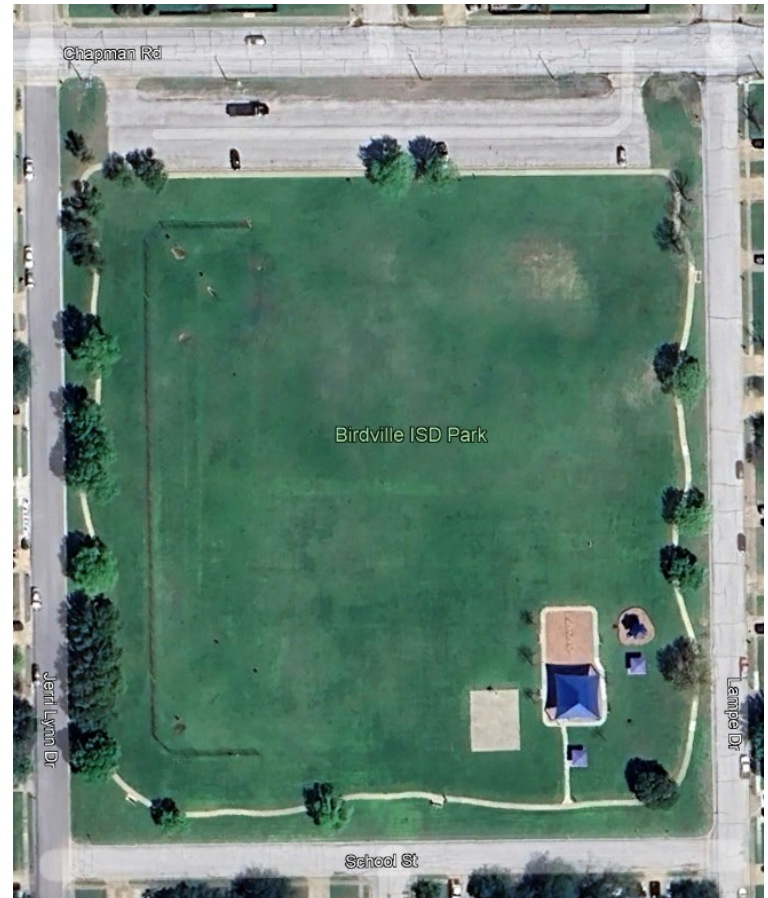


2001

BISD Park 2013-2023



2013



2023

BISD Park Options



- Option 1 – Approve
- Option 2 – Approve with instructions to pursue possible acquisition
- Option 3 – No Action/Reject
- Option 4 – No Action/Reject with instructions to pursue possible acquisition
- Questions?

Voss Lighting

11420 Ferrell Dr, Suite 304
Farmers Branch, TX 75234
(972) 432-8367



LED Solar Pathway Lighting

City of Watauga

31 January, 2025

The Scope

Install (17) First Light Technologies LED Solar Area Lights and (17) 20' Light Poles on (17) new concrete bases.

- 5-year fixture warranty.
- 1-year labor warranty.
- Bonding included.
- Lighting specifications and layouts per First Light Technologies (the manufacturer).

The Financials

- Purchasing Co-op: Omnia 02-83.
- **Total Project Price: \$127,650.00**
 - Birdville ISD Park: \$127,650.00
 - **Adder: Option to Uninstall Light Poles & Fixtures: \$13,000.00**



Scope of Work

Omnia 02-83
Install (17) LED Solar Area Lights and (17) 20' Light Poles on (17) new concrete bases.

Installation Considerations

- Our Proposal is based on a normal 8-hour per day, 40-hour per week work schedule.
- Our proposal includes no provisions for shift work or overtime.
- The proposal does not include an engineering review or any and all upgrades to existing electrical installation(s).
- Assumes the existing circuits are the correct voltage and are installed to NEC standards.
- Assumes existing distribution equipment is sufficient to accommodate added load and/or circuit density.
- Bonding fees included.
- Personnel must have free access to the jobsite during work hours.
- The work area must be free of obstacles, impediments, obstructions, and/or hazards.
- Troubleshooting and/or delays due to lack of access will be billed at T&M rates.
- Our pricing assumes there are no underground obstructions (such as rock, etc.) impeding base coring.
- Layout per FirstLight Technologies drawing numer WB-240419-2.
- Not responsible for damage to existing grass, asphalt, or concrete surfaces.
- Pricing based on customer identification of all customer owned underground utilities, including but not limited to; electrical, telephone/data, irrigation.
- Not responsible for damage to customer owned underground utilities, including but not limited to; electrical, telephone/data, irrigation.
- Pricing assumes Indian Springs Park, Virgil R. Anthony Sr. Park, Birdville ISD Park projects are approved at the same time and completed in a single sequence.

How to get started

Total Project Value	\$ 127,560.00
Down Payment	\$ 51,024.00

NOTE: If Project Quotation is approved by Customer, Voss Lighting will then provide a contract for Customer signature. Upon your signature on this contract, product will be ordered and installation scheduled. NOTE: This Voss quote, or its contents in their entirety, must be included as an integral part of a subsequent prime contract, purchase order, work directive, or other legal prime directive. PROJECT CANCELLATIONS: Should project be delayed or cancelled, may be liable for any additional product cancellation fees, restocking charges, or price increases. Should the project be delayed beyond 30 days from original quotation date, the executed Voss Lighting contract will become void, our pricing will be reviewed for any necessary adjustments related to material and expense costs, labor costs, and other related costs that may be affected by an extended approval period. PROJECT PRICE INCREASES: This quotation is based upon current product pricing and installation related costs. Quotation is guaranteed for 30 days from quotation date. After 30 days, our pricing will be reviewed for any necessary adjustments related to material and expense costs, labor costs, and other related costs that may be affected by an extended approval period. PROJECT WORK HOURS: Unless noted otherwise above, our quotation is based on onsite installation taking place on a normal 8-hour per day, 40-hour per week work schedule. Voss Lighting has included no provisions for shift work or overtime. PRICE: The quoted price includes all applicable taxes but no other fees that may be associated with this project. PRODUCT NON-STOCK ITEMS: Some products that we offer are not stock items in our warehouse and are ordered as needed. Such items are "special order" and have extended lead times and are non-returnable. PRODUCT DELIVERY AND INSTALLATION DATES: Upon execution of the Voss Lighting contract, we will aggressively process and expedite your project. At that time, product delivery and onsite installation dates will be verified. Voss Lighting cannot accept responsibility for product production delays, delivery issues, and inclement weather that are beyond our control. TEL: 817.616.1111. Regulated by the Texas Department of Licensing and Regulation, P.O. Box 12257, Austin, Texas 78711, 1-800-859-9292, 512-463-6699. Website: www.license.state.tx.us/complaints OK 00064443

Concerning costs for goods and services that are part of the pricing quoted herein, in the event of unforeseen direct or indirect price escalation and increases due to general increases, trade tariffs, inflationary factors, increases in precious metals and other commodity items, and the like, all quoted pricing is subject to review and adjustment at the time of order being placed. Voss pricing is based on the assumed voltage at each future location being as stated in our proposal and all existing electrical installation is compliant with National Electrical Code and local jurisdiction Code requirements. If actual conditions are found to be different and/or non-compliant after proposal is submitted, Voss reserves the right to evaluate our pricing for cost impact(s) and associated price revision. Because rebate rules vary between utility companies, Voss Lighting cannot fully guarantee that every energy-saving measure included in this proposal will qualify for a rebate. This will be confirmed upon the commencing of project and/or post project utility audit. The estimated rebate amount stated in review of project by Voss and/or information/costs shared with Voss by this proposal are a good-faith estimate based on Customer. Voss shall notify the Customer in writing of such differentials and will submit necessary documentation, showing the difference between the estimated and actual rebate amounts, required for contract adjustment. Voss has not included the cost of performance, payment and maintenance bonds. However, we will furnish these bonds, if desired, for an additional cost. This quote does not include any painting or patching of drywall.

MODEL SCL2
Self-Contained Solar Powered Luminaire
Specification Package



Product Guide Specification

First Light Technologies' solar-powered commercial lights add functional illumination to your pedestrian area, pathway, security, and streetscape projects. Use integrated solar-powered commercial lights as stand-alone lights and design features for new and existing lighting projects.

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

SELF LEARNING INTEGRATED SOLAR POWERED LED COMMERCIAL LIGHTS

Specifier Notes: This section covers First Light Technologies "SCL2 series" solar commercial light. Consult First Light Technologies for any required assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. SCL2 Series Integrated Solar Commercial Lights.

1.2 REFERENCES

Specifier Notes: List standards referenced in this section, complete with designations and titles. This article does not require compliance with standards, but is merely a listing of those used.

A. ASTM Testing Standards:

1. ASTM D2244 - 11 Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates
2. ASTM D523 - 08 Standard Test Method for Specular Gloss
3. ASTM D5723 - 95(2010) Standard Practice for Determination of Chromium Treatment Weight on Metal Substrates by X-Ray Fluorescence
4. ASTM D3363 - 05(2011)e2 Standard Test Method for Film Hardness by Pencil Test
5. ASTM D968 - 05(2010) Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive
6. ASTM D2244 - 11 Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates
7. ASTM D3359 - 09e2 Standard Test Methods for Measuring Adhesion by Tape Test
8. ASTM D2247 - 11 Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity
9. ASTM D714 - 02(2009) Standard Test Method for Evaluating Degree of Blistering of Paints
10. ASTM B117 - 11 Standard Practice for Operating Salt Spray (Fog) Apparatus
11. ASTM D1654 - 08 Standard Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
12. ASTM D4214 - 07 Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films
13. ASTM B244 - 09 Standard Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments
14. ASTM B26 / B26M - 12 Standard Specification for Aluminum-Alloy Sand Castings
15. 15. ASTM B308 / B308M - 10 Standard Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles

B. ISO Vendors:

1. ISO 9001/2008 Certified Metal Manufacturers and electronics manufacturers

1.3 SUBMITTALS

- A. **Specification Sheet:** Submit manufacturer's product specification showing technical features, dimensioned line drawings, photometrics and product order matrix.
- B. **Installation sheet:** Submit manufacturer's installation sheet.
- C. **Warranty:** Manufacturer's standard warranty.

1.4 QUALITY ASSURANCE

- A. Comply with Section [01 43 00 – Quality Assurance.]

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area in accordance with manufacturer's instructions. Keep materials in manufacturer's original, unopened containers and packaging until installation.
- C. Handling: Protect materials and finish during handling and installation to prevent damage.

1.6 WARRANTY – 5 Year

A. Warranty Information:

- Products will be free from defects in material and/or workmanship for a period of five years from the date of invoice. This warranty includes the battery for the full 5 years.
- The warranty does not apply to damage resulting from accident, alteration, misuse, tampering, negligence, or abuse.
- First Light Technologies shall, at its option, repair, replace, or refund the purchase price of any items found defective upon inspection by an authorized First Light Technologies service representative.
- Purchasers should be aware that normal use of these high-quality products can result in superficial damage affecting the finish. Scratches, nicks, and dents are to be considered normal wear and tear, and are not the responsibility of the manufacturer.

PART 2 PRODUCTS

2. SCL2 Solar Powered Luminaire Purchase Specifications

2.1. Self-Contained Solar Powered Luminaire

2.1.1. The specified brand is First Light Technologies, Model SCL2 Series, self-contained solar powered LED luminaire. The self-contained luminaire shall contain the solar module, batteries, solar lighting controller (SLC), motion sensor and LED light engine in a single “shoe box” style form. The fixture shall arrive in one box, be side of pole mounted using two bolts with installation taking only 15 minutes with no field wiring.

2.2. Solar Light Controller (SLC)

2.2.1. The Solar Lighting Controller (SLC) shall contain a MPPT charger. Power efficiency shall be greater than 90% for states of charge between 80% and 100% to ensure maximum system efficiency. The charge controller, integrated buck-boost LED driver, and micro-controller shall be contained on a single PCBA contained in an extruded, potted enclosure for maximum ingress protection. The SLC shall be capable of IP68 performance. All connectors shall be sealed and keyed for plug & play installation. The SLC shall have wireless communication capabilities and contain daily data logging capabilities for a minimum of 3 years.

2.3. Autonomy (days of operation without sun)

2.3.1. The SLC shall have predictive adaptive capabilities to ensure operation for a minimum of 14 nights operation without charging once the battery is fully charged.

2.4. Wireless Communications

2.4.1. Communications with and control of the luminaire shall be via a BLE wireless interface with smartphone app.

2.5. Smartphone App (Solar Light Control)

2.5.1. Through the wireless interface, the operation of the light can be optimized through the Solar Light Control App which is available on the iOS app store. This app shall enable changes to the lighting profile, motion sensor control, day/night transition thresholds, firmware updating and data log and location access.

2.6. Motion Sensor

2.6.1. The motion sensor shall be integrated into the access door of the luminaire.

2.7. Solar Module

2.7.1. The solar module shall be a frameless, back-connected mono-crystalline module seamlessly integrated into the top of luminaire so that it will not build up dust, dirt, or any other fouling materials. The solar module shall not be visible from the ground once the luminaire has been installed. Solar module cell efficiencies shall be greater than 20%.

2.8. Lithium Battery

2.8.1. The batteries shall be lithium iron phosphate with a cycle life exceeding 8 years. The batteries shall utilize sealed ABS cases and all connectors shall be sealed and keyed for plug & play installation. Each battery shall weigh no more than 7 pounds for simple installation and maintenance when required. Manufacturer cycle life claims should be supported by test data for solar lighting use.

2.9. LED Light Engine

2.9.1. The LED light engine shall be modular for simple replacement and upgrading if required. The light engine shall be available with IES type 2, 3, 4, 4F and 5 distributions, utilizing TIR optics with optical grade PMMA materials. Third party tested photometry shall be available for all lighting distributions. LED color temperatures of 4000K, 3000K, and 2700K shall be supported. Light engine efficacies shall be greater than 120 lumens per Watt. LED light engine connectors shall be sealed and keyed. The LED light engine shall be Dark-sky compliant. The LED light engine shall be capable of IP68 performance.

2.10. Lighting Profiles

2.10.1. As a minimum, the self-contained solar powered luminaire must have 11 programmable duration based lighting profiles as well as customizable time-based lighting profiles. See below:

Lighting Profile	Description
Dusk till dawn	On at dusk, off at dawn
Dark +6 hours then off	On at dusk, off after 6 hours
Dark +6 hours then 30%	On at dusk, dim to 30% after 6 hours till dawn
Dark +5 hours, off, Dawn -1 hour	On at dusk, off after 5 hours, on 1 hour before dawn
Dark +5 hours, 30%, Dawn -1 hour	On at dusk, dim to 30% after 5 hours, on 1 hour before dawn
Dark +3 hours then off	On at dusk, off after 3 hours
Dark +4 hours then off	On at dusk, off after 4 hours
Dark +4 hours, off, Dawn -1 hour	On at dusk, of after 4 hours, on 1 hour before dawn
Off	Off (typically used with motion sensing)
Dark + 3 hours, 30%, Dawn -1 hour	On at dusk, dim to 30% after 3 hours, on 1 hour before dawn
Dusk till dawn, 30%	30% at dusk, off at dawn
Time Based	Real time-based where you can choose a specific time for the light to turn off or dim



2.10.2. Lighting profiles are either preprogrammed at factory or field configurable via Solar Light Control Smartphone App.

2.11. Mechanical

2.11.1. The luminaire shall have a single fastener for access and the access door shall open from the bottom of the luminaire for simple installation and access. The external fastener and all internal fasteners shall be stainless steel. All luminaire enclosure components shall be marine grade, low copper aluminum and be powdered coated with a super-durable, architectural grade powder coating. The luminaire wind load (EPA) shall be no greater than 0.99 square feet and weigh no more than 35 pounds, so that standard luminaire poles and foundations can be utilized with any solar lighting specific design requirements. Field wiring or on-site system assembly as part of luminaire installation is not acceptable.

2.12. Commissioning and Installation

2.12.1. Installation of this fixture shall take less than 15 minutes. The luminaire shall use an automatic self test when batteries are connected as the only required commissioning step. No user configuration is required.

2.13. 5 Year Warranty

2.13.1. All materials and component parts, including batteries (where applicable), are guaranteed to be free from defects of material and/or workmanship for a period of five years. FLT assumes no responsibility for installation or proper selection of its products. This warranty excludes field labor or service charges related to the repair or replacement of the product.

3. SOLAR LED INTEGRATED COMMERCIAL LIGHTS

3.1. MANUFACTURER

- 3.1.1. Acceptable Manufacturer: **First Light Technologies Ltd.**,
- 3.1.2. 3303B Tennyson Ave, Victoria, British Columbia, V8Z 3P5
- 3.1.3. Phone: +1 844-279-8754
- 3.1.4. Website: www.firstlighttechnologies.com
- 3.1.5. E-mail: info@firstlighttechnologies.com

3.2. SCL2 Series Solar LED Integrated Commercial Lights

- 3.2.1. **Model:** First Light Technologies Ltd., **Model SCL2**

3.3. Design:

- 3.3.1. Asymmetrical, rectilinear, formed & extruded aluminum design with fully integrated solar module, battery, Solar Lighting Controller and LED light engine.
- 3.3.2. Dimensions: 16.1in x 23.6in x 4.4in
- 3.3.3. Effective Projected Area of 0.99ft²
- 3.3.4. Weight of 34lbs
- 3.3.5. Enclosure shall have a wall thickness of .125in

3.4. Mount:

- 3.4.1. Extruded aluminum arm. 6061-T6
- 3.4.2. Mounts to either a round or square pole via two studs spaced 2" apart (round and square poles are accommodated by a single mount)
- 3.4.3. Secured to pole by two 8" long 18-8 stainless steel 1/4"-20 threaded studs
- 3.4.4. Studs thread into 1/4", aluminum mounting plate within the pole
- 3.4.5. 99 percent recyclable material content.

3.5. Enclosure:

- 3.5.1. Extruded aluminum enclosure. 6063-T6
- 3.5.2. Enclosure Dimensions: 23.6" x 16.1" x 4.4" thick
- 3.5.3. Stamped light engine recess to ensure full cutoff performance
- 3.5.4. Tool less access with single fastener provision for security fastener
- 3.5.5. Access via bottom for simple field installation and maintenance
- 3.5.6. Enclosure positioned at a 2-degree fixed tilt for solar module self-cleaning and simple installation
- 3.5.7. 99 percent recyclable material content

3.6. Enclosure door:

- 3.6.1. Formed aluminum door. 5052-H32.
- 3.6.2. Include integral extruded hinge, providing hinged access to the enclosure via the bottom
- 3.6.3. 99 percent recyclable material content.

3.7. Fasteners

- 3.7.1. All fasteners to be stainless steel
- 3.7.2. Option for security fasteners for theft prevention

3.8. Color Coating:

- 3.8.1. Type: Outdoor, Architectural grade, TGIC polyester powder coat. Finish in accordance with AAMA 2604-05 test procedures
- 3.8.2. Color: [Jet Black] [Statuary bronze] [Sea Shell White] [Anodized silver][Custom Colour]

3.9. Installation:

- 3.9.1. Side of pole mount secured by two internal threaded studs with no visible fasteners
- 3.9.2. Light fixture shall arrive in one box and require less than fifteen minutes for installation.

3.10. LED Light Engine:

- 3.10.1. The light engine must be manufactured by First Light Technologies
- 3.10.2. Eight high-output Cree light-emitting diodes (LEDs); 100,000 hours L70 lifetime. Minimum 90% efficiency secondary optics for each LED, which provide full cutoff performance for stray light minimization
- 3.10.3. LED Color
 - 3.10.3.1. White LEDs Color Temperature: [Extra Warm White, 2700K][Warm White, 3000K] [Neutral White, 4000K]
 - 3.10.3.2. Amber LEDs with dominant wavelength above 585nm
- 3.10.4. TIR Optics made with optical grade PMMA material
- 3.10.5. Lighting Distribution options: Full cutoff with [T2, type II for Pathway Lighting] [T3, type 3 Pathway and General Area Lighting] [T4, type 4 Parking lot and General Area Lighting] [T4F, type 4F Parking lot and General Area Lighting]. [T5, type 5 Parking lot and General Area Lighting].
- 3.10.6. 3rd Party validated IES files and photometric reports to be available for photometric evaluation

3.11. Solar Module:

- 3.11.1. High-efficiency, back connected, mono-crystalline cells with a frameless module integrated into fixture top
- 3.11.2. Solar module efficiency shall be greater than 20%
- 3.11.3. The solar module shall not be visible from the ground

3.12. Lithium Batteries:

- 3.12.1. Quantity two, recharged by solar module via the solar lighting controller.
- 3.12.2. Type: 12V, 20Ah lithium iron phosphate (LFP).
- 3.12.3. Each battery shall weigh no more than 7 pounds
- 3.12.4. Expected Cycle Life must exceed 8 years

3.13. Wiring:

- 3.13.1. All wire harnessing connectorized with shrouded, sealed and keyed connectors, designed for mistake-resistant assembly.

3.14. Solar Lighting Controller (SLC):

- 3.14.1. The solar lighting controller must be manufactured by First Light Technologies.
- 3.14.2. Fully integrated solar light controller, with self-learning, predictive adaptive power management capabilities
- 3.14.3. Microcontroller for full system monitoring and control
- 3.14.4. Microcontroller, charge controller, LED driver, wireless communication and data logging contained in a single PCBA
- 3.14.5. Housed in an extruded **potted** enclosure for maximum ingress protection
- 3.14.6. Power efficiency must be greater than 90% for states of charge between 80% and 100%.
- 3.14.7. Temperature compensated, maximum power point tracking (MPPT) charge controller
- 3.14.8. Battery reverse polarity and open circuit and short circuit protection
- 3.14.9. Intelligent day/night detection based on solar module **power output** with false-detection prevention
- 3.14.10. High efficiency, buck/boost, Pulse Width Modulation (PWM) controlled LED driver
- 3.14.11. Automatic, self-configuration for site specific performance optimization
- 3.14.12. Internal data logging capabilities with at least 3-year daily storage capacity
- 3.14.13. Wireless Communication
- 3.14.14. Downfacing IR optical motion sensor

3.15. Smart Phone App : Solar Light Control

- 3.15.1. Available through iOS app store
- 3.15.2. Bluetooth wireless connectivity
- 3.15.3. Field changes to lighting profiles
- 3.15.4. Control motion sensor 'on/off' operation and 'on' duration
- 3.15.5. Adjust day/night transition ambient light levels
- 3.15.6. Update firmware/ download data logs

3.16. Warranty

- 3.16.1. 5 Year bumper to bumper warranty including battery



PART 4 EXECUTION

4. EXAMINATION

- 4.1. Examine areas to receive lights.
- 4.2. Notify manufacturer of conditions that would adversely affect installation or subsequent use.
- 4.3. Do not begin installation until unacceptable conditions are corrected.

5. INSTALLATION

- 5.1. Install lights in accordance with manufacturer's instructions at locations indicated on the Drawings.
- 5.2. Install lights plumb.

6. CLEANING

- 6.1. Clean lights promptly after installation in accordance with manufacturer's instructions.
- 6.2. Do not use harsh cleaning materials, abrasives or methods that could damage finish.

7. PROTECTION

- 7.1. Protect installed lights to ensure that, except for normal weathering, luminaires will be without damage or deterioration at time of Substantial Completion.

END OF SECTION

Schedule						
Symbol	Label	Quantity	Manufacturer	Lumens Per Lamp	Light Loss Factor	Wattage
	SCL2 - T2	17	First Light Technologies	2576	0.9	0

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Walkway		0.3 fc	2.0 fc	0.0 fc	N/A	N/A

Note

1. Mounting Height = 20 ft
2. Calculation zone = Ground
3. Grid Spacing = 4ft
4. Pole Spacing = As Shown
5. Profile = 04 (5 Dim 1)
6. LED Color Temp = 3000K



Plan View
Scale - 1" = 60ft

Watauga, Birdville, TX
SCL2 Series Lights
First Light Technologies Ltd.

Designer
Tobias Overney
Date
2024-05-07
Scale
Not to Scale
Drawing No.
WB-240419-2
Approved by

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Voss Electric Co. dba Voss Lighting Inc.
Farmers Branch, TX United States

Certificate Number:
2025-1256307

Date Filed:
01/13/2025

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

CITY OF WATAUGA

Date Acknowledged:
1/15/2025

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

2024-143
LIGHTING INSTALLATION

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO Interested Party.



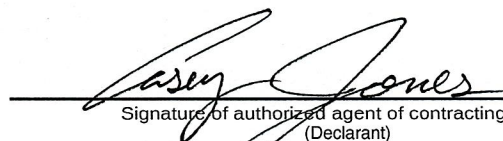
6 UNSWORN DECLARATION

My name is Casey Jones, and my date of birth is 03/07/1981.

My address is 11420 Ferrell Dr #304, Farmer's Branch, TX, 75235, USA.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Dallas County, State of TX, on the 13th day of January, 2025.
(month) (year)


Signature of authorized agent of contracting business entity
(Declarant)