CITY OF LINCOLN
COMMITTEE OF THE WHOLE MEETING
AGENDA
FEBRUARY 26, 2025
CITY HALL COUNCIL CHAMBERS
700 BROADWAY STREET
6:00 PM

1. **Call to Order**

2. **Pledge of Allegiance**

3. **Public Participation**

4. **Oath of Office – Brennan Elsas Fire Fighter**

5. **City of Lincoln Lighting Project**

6. **Economic Development Commission Grant Approvals**

7. **Proposal for the Annual Grinding at Landscape Waste Facility**

8. **Discussion of adding a Deputy Fire Chief Position**

9. **Ground Mounted Solar Regulations**

10. **Renewal of Certificate of Deposit**

11. **Announcements**

12. **Possible Executive Session**

13. **Adjournment**

14. City Council Meeting: Monday, March 3, 2025 at 6:00 PM
    Committee of the Whole Meeting: Tuesday, March 11, 2025 at 6:00 PM

THE STONE RIVER GROUP

Lincoln's LED Lighting Project:

Bright Savings Ahead

Ameren Energy Efficiency Program

Ameren in the last year of energy efficiency incentives for light upgrades for current customers. This is a program that the city has paid into over the years of being with Ameren. All of the city owned facilities were inspected for upgrade options. CIty Hall/Fire Station, Hamilton St Garage, and the Wastewater Treatment Facility were identified as needing lighting upgrades. With the current incentives Ameren will provide **$45,339.31** in lighting upgrades.

All lighting will be upgraded to LED fixtures that consume 80% less energy than the current lighting. LED fixtures also last 35 to 50 times longer than current lighting. With these upgrades the city has the potential to save **$12,256.60** a year. With this savings the ROI of this project is **15 months**.

Lighting Upgrades

All the fluorescent replacement fixtures have built-in motion and daylight sensors. This allows the fixtures to be the most efficient and to not be on when the space is not occupied. City hall will receive upgrades to all fluorescent fixtures, emergency lighting, and exit lighting. Hamilton St Garage will receive updates to fluorescent fixtures. Wastewater Treatment will receive upgrades to fluorescent fixtures, wall packs, and high bay lighting. Based on recommendations from program ally and Ameren current fixtures are due to be replaced in the near future.

Installation

All upgrades will be performed by a licensed and Ameren approved electrician. The installation has to be performed or overseen by an Ameren approved electrician. If the city chose to perform the upgrades it would not save on labor costs due to program requirements. The Ameren Energy Efficiency program is overseen by Ameren and they use a small business ally to perform the upgrades. The labor cost for this project is $16,180.00.

Installation will begin approximately 60 days after agreement is signed. Fixtures will be ordered right away and once all items are received then installation will be scheduled. Ameren normally will set up an inspection before and after the installation, this is to ensure work is done correctly and correct upgrades are performed.

THE STONE RIVER GROUP

Project Break Down:

Total Project:	**$61,519.34**	
Ameren Incentive:	**$45,339.31**	**(paid by Ameren)**
Labor Costs:	**$16,180.00**	**(paid by City)**
Annual Saving:	**$12,256.20**	**(estimated savings on electric bill)**
Payback:	**15 months**	

Location Break Down:

City Hall -
Total Project - $28,810.95,
Incentive - $19,280.95,
Labor - $9,530.00.

Annual Savings - $4,758.84
Payback - 24 months

Hamilton St Garage -
Total Project - $3,219.59,
Incentive - $2,319.56,
Labor - $900.00.

Annual Savings - $564.12
Payback - 19 months

Wastewater Treatment -
Total Project - $29,488.80,
Incentive - $23,738.80,
Labor - $5,750.00.

Annual Savings - $6,933.24
Payback - 10 months

MEMORANDUM

TO: Mayor and City Council Members

FROM: Ashley Metelko, Administrative Assistant

MEETING DATE: February 26, 2025

RE: Economic Development Commission Grant Approvals

Background:

On February 21, 2025, the Economic Development Grant Commission met and approved the following applications:

STRUCTURAL GRANTS:

1. Big Shot Properties LLC – 118 Commercial Drive
- Commercial garage door replacement and installation
- Amount requested $7,385.00

Amount approved by Economic Development Commission on February 21, 2025: $7,385.00 (Contingent upon receipt of 2nd bid/estimate)

Council Recommendation: Place on Regular City Council Meeting Agenda for March 3, 2025.

MEMORANDUM

TO: Mayor and Aldermen of the City of Lincoln

FROM: Walt Landers, Street Superintendent

MEETING DATE: February 26, 2025

RE: **Proposals for the Annual Grinding at Landscape Waste Facility**

Background

The changes made regarding the regulations & fees a few years ago have reduced the amount tree waste coming into the landscape waste facility. Tree removal contractors have virtually stopped using the facility, other than those that do work for the city. The volume of waste has dropped greatly. There is still a need to grind the material annually.

Analysis/Discussion

Please see the two Proposal provided in the packet from R&R Services of Illinois, Argenta IL. and Henson Services of Bloomington IL.

The recommendation is to approve the proposal from Henson Services with a not to exceed cost of $18,900.00.

Fiscal Impact

Project cost not to exceed $18,900.00. Funds were budgeted for this project in Line 02-3600-6441, Tree Trim & Stump Removal

COW Recommendation

Approve proposal of a not to exceed cost of $18,900.00 From Henson Services with a not to exceed cost of $18,900.00, and place on the Regular City Council Meeting agenda for March 3, 2025.

R&R Services of Illinois, Inc.
P.O. Box 319
Argenta, IL 62501
Ph. 217.424.2602

February 4, 2025

City of Lincoln
700 Broadway St.
Lincoln, IL 62656

Walt,

Thank you for allowing R&R Services of Illinois, Inc. the opportunity to submit a bid for the Wood Waste Recycling Project. We are pleased to submit the following quote for your consideration.

2025 Wood Waste Recycling Project @ Lincoln, IL Yard Waste Site

R&R Services Responsibility:	Primary Grind Wood Waste Onsite Product Spec. 4" Minus All Processed Material to Remain Onsite
	Provide (1) Rotochopper B66L Grinder 1000HP Provide (1) Excavator w/Thumb Provide (1) Wheel Loader Provide All Fuel, Maintenance, and Repairs Provide All Equipment Mobilization Provide All Operators During Project Provide Current Certificate of Insurance

Project Notes:

1. R&R Services to Mobilize Equipment and Labor A Maximum of (1) Time @ Customer's Request for Project Duration.
2. Customer Must Maintain 300' Safety Zone During Processing.
3. Customer Must Maintain Adequate Access Equipment/Trucks Onsite.
4. Customer Will Not Be Responsible for Any Equipment Downtime
5. Payment Due Net 30 Days

Project Pricing:

All Equipment and Labor as Specified	**$600.00/Hour**
Project Not to Exceed	**$30,500.00**

Project Options:

1. Haul All Wood Chips Offsite Via Trucks and Walking Floor Trailers
2. Truck Capacity 90 – 100 Cubic Yards Per Load
3. R&R Services Will Perform All Truck Loading

Hauling Costs: **$75.00/Load**

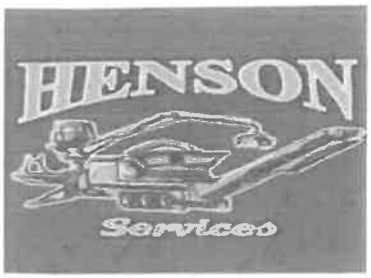
If you should have any questions in regards to this quote, please do not hesitate to contact me @ 217-424-2602.

Sincerely,

Jeff Rose
R&R Services of Illinois, Inc.
Operations Manager

Customer Acceptance:	R&R Services Acceptance:
Signature/Title	Signature/Title
Printed Name	Printed Name
Date	Date

Please Scan and Email Proposal Along with Signed Acceptance To:
rrservicesofil@gmail.com



February 19, 2025

Grinding will be $3,600 per day. $450 per hour.

We are projecting 3.5 days with 4 being max.

Hauling out the ground up material we are projecting 20-30 loads, and we will be $150 per load to haul out.

Our bid for grinding will be $12,600 for 3.5 days with a maximum cost of $14,400 if we take 4 days.

Our bid for hauling out the material will be

$3,750 for 25 loads with a maximum cost of $4,500 for 30 loads.

$16,350 to grind and haul material out.

$18,900 maximum cost. Will not exceed*

We will double grind some of the material at no additional cost. This amount would be determined by you on how much you would want. This would be a landscape grade material through a 2" and 1 1/2" screens.

*Price would be subject to change if there were a major storm that would take place between now and the time, we would start grinding that would significantly increase the amount of brush that would be at the disposal site.

Equipment that we would haul to your site and use to process material and load out.

Vermeer TG5000 tub grinder

John Deere 245g excavator

John Deere 624k wheel loader.

Thank you for the opportunity in allowing us to give you this quote.

Any questions please reach out at any time.

Thank you,

Patrick Henson 309-275-2975

MEMORANDUM

TO: Mayor and City Council Members

FROM: Fire Chief Aaron T Johnson

MEETING DATE: Feb 11, 2025

RE: Consideration of adding a Deputy Fire Chief position

Background:

I am requesting the approval of a new position within the Lincoln Fire Department. The position I am requesting is that of a Deputy Fire Chief. The current department structure has three Assistant Chief positions. This title is misleading, as the Assistant Chiefs are actually shift commanders (commonly referred to as Battalion Chiefs). The Assistant Chiefs are not administration staff. They are operations staff that work a 24/48 schedule.

Managing the day-to-day administration duties is extremely time consuming; so much so that many things get neglected as time management must prioritize certain duties over others. The new position would be extremely beneficial in all areas of administration duties, as well as assuming the responsibilities of Fire Chief in my absence. This will also serve as a safety net should any Fire Chief retire or be removed, as the Deputy Fire Chief can continue all operations without any decrease in productivity or service to the citizens of Lincoln. This position is currently common practice in most (if not all) other departments within the City of Lincoln, as well as most other municipalities. Lincoln Fire Department currently consists of twenty-two members who respond to over three thousand calls per year. This position will increase the total members of Lincoln Fire Department to twenty-three. As the City of Lincoln continues to grow, capabilities need to grow with it. As the west end development continues, as well as the increase in rail traffic, the need for a second fire station will become critical within the next five to ten years. Setting up proper management now that can sustain the growing needs of the future will put us in a much better position as a city moving forward. This is a 40 hour per week position that I would like to fill starting September 1, 2025. This position will be a recommendation from the Fire Chief for the mayoral appointment. This position will come from within the ranks of the Lincoln Fire Department.

Job description

Title: Deputy Fire Chief

Effective Date: September 1, 2025

Employment Status: Full-Time

Experience Required: 15 years at Lincoln Fire Department, with preference given to Assistant Chiefs and secondary preference to Captains.

Direct Supervisors: City of Lincoln Mayor and City of Lincoln Fire Chief

Job Summary: The Deputy Fire Chief performs a variety of administrative work: Handling tasks such as budgeting, resource allocation, policy development, maintaining maintenance records on apparatus, rescue tools, cascade system, SCBAs, EMS records, and scheduling routine and/or needed maintenance. Supervise employees in lower classifications on large scale emergencies as requested or needed by the Fire Chief. In absence of the Fire Chief, the Deputy Fire Chief would assume the responsibilities of the Fire Chief.

Essential Duties and Responsibilities:

- Plan for and review specifications for new or replaced equipment.
- Prepare and submit reports to the Fire Chief.
- Control expenditure of departmental appropriations.
- Plan department operations concerning equipment, apparatus, and personnel.
- Review specifications written for equipment and apparatus purchases.
- Assign service intervals with appropriate businesses and staff to maintain apparatus.
- Evaluate the need for and recommend the purchase of new equipment, apparatus, and supplies.
- Monitor and evaluate the efficiency and effectiveness of service delivery procedures and methods; assess and monitor workload; identify opportunities for improvement and assist with implementation.
- Perform administrative duties with attendance programs.
- Participate in the development and implementation of goals, objectives, policies, and priorities for the department.
- Recommend and administer standard operating policies and procedures.
- Assist in the preparation of the annual budget; recommend forecasts for needed funds for equipment, materials, and supplies; monitor expenses.
- Manage incidents utilizing the Incident Command System procedures.
- Participate in a variety of operation activities, including oversight of large-scale emergency scenes.
- Provide support to the Fire Chief at the scene of major emergencies and take command, when needed.

- Participate in activities and operations in response to natural and man-made disasters, major accidents, incidents involving hazardous materials, and other emergency situations if warranted.
- Act as Fire Chief during the absence of the Fire Chief.
- Attend conferences and meetings to stay abreast of current trends in the field.
- Represent the Fire Department in various meetings.
- Perform the duties of command personnel as needed.
- Carry out duties in conformance with Federal, State, County, and District laws and ordinances.

Knowledge, Skills, and Abilities:

- Knowledge of modern fire suppression and prevention, emergency medical principles, hazardous materials handling, and applicable laws and ordinances.
- Skills in handling stress effectively, organizing and setting priorities, using departmental tools and equipment, and clear communication.
- Ability to maintain discipline, perform work requiring good physical condition, act effectively in emergencies, and establish positive working relationships.

Other Required Duties, Responsibilities, Skills, and Knowledge:

- Provide staff support.
- Attend and participate in professional group meetings.
- Stay abreast of new trends and innovations in the field of fire suppression, emergency medicine, training, and prevention.
- Have good oral and written communication skills and the ability to plan, supervise, and coordinate the work of subordinates.
- Collect and maintain appropriate records.
- Meet with elected officials, other Fire/EMS officials, community and business representatives,

and the public on aspects of Fire Department activities.

Benefits and Earnings

- 40 hour work week, set forth by the Fire Chief.
- Follow the holiday and vacation schedule of city personnel.
- Earn compensatory time at an hour for hour rate.
- Pay will be the mean average of the Fire Chief and the Assistant Chief positions.

Council Recommendation:

Begin discussions for approval, or disapproval, before the Fiscal year 2025 – 2026 budget.

Aaron T Johnson, Fire Chief

MEMORANDUM

TO: Mayor and City Council Members

FROM: John A. Hoblit

MEETING DATE: February 11, 2025

RE: Ground Mounted Solar Regulations

Background:

At the last COW the Council tasked John Hoblit and Kevin Bateman to conduct research and provide recommendations for ground mounted solar panels. Since that time research was done with various local municipalities within central Illinois. Kevin Bateman has investigated the regulations that exist in Peoria which cover a number of areas that could be utilized by the City of Lincoln, most notably:

1. Classifying ground mounted solar panels as a special use that would be treated on a case by case basis, with ultimate approval in the hands of a governing body.
2. More comprehensive height restrictions
3. Extra detail on fencing
4. Decommission provisions

The regulations from Peoria are attached to this memo.

Council Recommendation:

Please review the regulations for both commercial and residential ground mounted solar panels from Peoria to discuss at the upcoming COW. The request comes to you to see if we would like to use this as a template to implement within our own code changes for our ground mounted solar panels.

CITY OF LINCOLN, ILLINOIS

700 Broadway St., P.O. Box 509, Lincoln, IL 62656

Named for and Christened by Abraham Lincoln, 1853—Incorporated February 16, 1865

CITY COUNCIL MEETS FIRST AND THIRD MONDAY NIGHTS EACH MONTH

Solar Energy Systems

1. Purpose: The purpose of this ordinance is to facilitate the construction, installation, and operation of Solar Energy Systems (SES) in the City of Lincoln in a manner that promotes economic development and ensures the protection of health, safety, and welfare while also avoiding adverse impacts to important areas such as agricultural lands, endangered species habitats, conservation lands, and other sensitive lands. It is the intent of this ordinance to encourage the development of SESs that reduce reliance on foreign and out-of-state energy resources, bolster local economic development and job creation. This ordinance is not intended to abridge safety, health or environmental requirements contained in other applicable codes, standards, or ordinances. The provisions of this ordinance shall not be deemed to nullify any provisions of local, state or federal law.
2. This chapter applies to all property and lands within the corporate limits of the City of Lincoln.
3. Definitions:
    1. BUILDING INTEGRATED PHOTOVOLTAIC SYSTEMS: A solar energy system that consists of integrating photovoltaic modules into the building structure as the roof or façade and which does not alter the relief of the roof.
    2. COLLECTIVE SOLAR: Solar installations owned collectively through subdivision homeowner associations or other similar arrangements.
    3. COMMERCIAL/LARGE SCALE SOLAR FARM: A utility scale commercial facility that converts sunlight to electricity, whether by photovoltaics, concentrating solar thermal devices, or various experimental technologies for onsite or offsite use with the primary purpose of selling wholesale or retail generated electricity.
    4. COMMUNITY SOLAR GARDEN: A community solar-electric (photovoltaic) array, of no more than 5 acres in size, that provides retail electric power (or financial proxy for retail power) to multiple households or businesses residing in or located off-site from the location of the solar energy system.
    5. GROUND MOUNT SOLAR ENERGY SYSTEM: A solar energy system that is directly installed into the ground and is not attached or affixed to an existing structure.
    6. PHOTOVOLTAIC SYSTEM: A solar energy system that produces electricity by the use of semiconductor devices calls photovoltaic cells that generate electricity whenever light strikes them.
    7. QUALIFIED SOLAR INSTALLER: A trained and qualified electrical professional who has the skills and knowledge related to the construction and operation of solar electrical equipment and installations and has received safety training on the hazards involved.
    8. ROOF MOUNT: A solar energy system in which solar panels are mounted on top of a building roof as either a flush mounted system or as modules fixed to frames which can be tilted toward the south at an optical angle.
    9. SOLAR ACCESS: Unobstructed access to direct sunlight on a lot or building through the entire year, including access across adjacent parcel air rights, for the purpose of capturing direct sunlight to operate a solar energy system. The use of neighboring parcel air rights does not prevent normal use of adjacent properties and associated air rights by its owner(s).

10. SOLAR COLLECTOR: A device, structure or part of a device or structure for which the primary purpose is to transform solar radiant energy into thermal, mechanical, chemical or electrical energy.
11. SOLAR ENERGY: Radiant energy received from the sun that can be collected in the form of heat or light by a solar collector.
12. SOLAR ENERGY SYSTEM (SES): The components and subsystems required to convert solar energy into electric or thermal energy suitable for use. The area of the system includes all the land inside the perimeter of the system, which extends to any fencing. The term applies, but is not limited to, solar photovoltaic systems, solar thermal systems and solar hot water systems.
13. SOLAR STORAGE BATTERY/UNIT: A component of a solar energy device that is used to store solar generated electricity or heat for later use.
14. SOLAR THERMAL SYSTEMS: Solar thermal systems directly heat water or other liquid using sunlight. The heated liquid is used for such purposes as space heating and cooling, domestic hot water and heating pool water.

4. Permitted Ground Mount and Roof Mount SES: Ground Mount SES shall be permitted as an accessory use in all zoning districts other than R1 and R2 districts ~~where there is a principal structure and the array footprint is comprised of less than ½ acre. Square footage of over ½ acre will be treated as a Community Solar Garden and will require a~~ and will require a Special Use Permit pursuant to Chapter 11-2-4 of the Lincoln City Code. Roof Mount SES shall be permitted in all zoning districts and may be located on a principal or an accessory structure. A building permit shall be required to construct a ground mount or roof mount SES. The following additional information shall be provided with the building permit application to demonstrate compliance with the following restrictions:
    1. Height:
        1. Building or roof mounted solar energy systems shall not exceed the maximum allowed height for principal structures in any zoning district.
        2. Ground or pole-mounted solar energy systems shall not exceed ~~the maximum permitted height for an accessory structure~~ twelve (12) foot in height when oriented at maximum tilt.
        3. Ground mounted solar energy systems may not be placed in the front yard.
    2. Setbacks:
        1. Ground mounted solar energy systems shall meet the applicable setbacks for the zoning district in which the unit is located.
        2. Ground mounted solar energy systems shall not extend beyond the side yard or rear yard setback when oriented at minimum design tilt (most footprint consuming).
        3. In addition to building setbacks the collector surface and mounting devices for roof mounted systems shall not extend beyond the allowable footages as allowed in the International Fire Code (IFC) Section 605.11.3.1 to provide for proper fire access.
    3. Fencing: All ground mount panel arrays shall be blocked from public or private view with an opaque (solid, slatted chain-link, shadowbox etc.) fence no less than six (6) feet in height and no taller than the panels themselves when oriented at full tilt.
    4. Reflection Angles: Reflection angles for solar collectors shall be oriented such that they do not project glare onto adjacent properties or property contained assets.
    5. Visibility: Solar energy systems shall be located in a manner to reasonably minimize view blockage for surrounding properties and shading of property to the North while still providing adequate solar access for collectors.
    6. Safety:
        1. Roof or building mounted solar energy systems, excluding building integrated systems, shall allow for adequate roof access for firefighting purposes to sloped or flat roof upon which the panels are mounted per IFC 605.11.3.1.

2. Plans bearing the seal of a state licensed structural engineer's approval shall be required for all roof mounted solar energy systems.
3. Any connection to the public utility grid shall be inspected by the appropriate public utility.
4. All solar energy systems shall be maintained and kept in good working order. If it is determined that a solar energy system and associated grounds are not being maintained, kept in good working order, or no longer being utilized to perform its intended use for 6 consecutive months, the property owner shall be given 30-day notice for removal or repair of the unit and all equipment. It shall be a violation of this ordinance if the solar energy system is not removed or repaired within thirty (30) days. Failure to do so will result in monetary fines as indicated in Section 7-2-8 of the Lincoln Municipal Code.

7. Approved Solar Components: Electric Solar energy system components shall have a UL listing or approved equivalent and solar hot water systems shall have an SRCC rating.
8. Restrictions on Solar Energy Systems Limited: Consistent with 765 ILCS 165/1 et seq. no homeowner's agreement, covenant, common interest community or other contracts between multiple property owners within a subdivision of incorporated City of Lincoln shall prohibit or restrict homeowners from installing solar energy systems.

5. Building Integrated Systems. Building Integrated Photovoltaic Systems shall be permitted in all Zoning Districts.
6. Community Solar Gardens. Development of Community Solar Gardens is permitted by Special Use as a principal use in all zoning districts subject to the following requirements:
    1. Rooftop Gardens Permitted: Rooftop gardens are a special use in all zoning districts where buildings are permitted.
    2. Ground Mount Gardens: Ground mount community solar energy systems must be less than five (5) acres in total size, and require a Special Use in all districts. Ground-mount solar developments covering more than five (5) acres shall be considered a solar farm.
    3. Interconnection: An interconnection agreement must be completed and provided with the electric utility in whose service the territory the system is located. Off-grid, self-contained arrays are exempt.
    4. Dimensional Standards: All solar garden related structures in newly platted and existing platted subdivisions shall comply with the applicable setback, height, and coverage limitations for the district in which the system is located.
    5. Other Standards:
        1. Ground Mount Systems shall comply with all required standards for structures in the district in which the system is located.
        2. All solar gardens shall comply with Chapter 11-2-4 procedures regarding special use permits.
        3. All solar gardens shall also comply with all other State and Local requirements.
7. Commercial/Large Scale Solar Farm: Ground Mount solar energy systems that are the primary use of the lot, designed for providing energy to off-site uses or export to the wholesale market require a Special Use Permit pursuant to Chapter 11-2-4 of the Lincoln City Code. The following information shall also be submitted as part of the application and/or the following restrictions shall apply:
    1. A site plan with existing conditions showing the following:
        1. Existing property lines and current use of the property intended for use.
        2. Existing public and private roads, showing widths of the road and any associated easements.
        3. Location and size of any active or abandoned utilities.
        4. Existing buildings, impervious surfaces, vegetation, material storage or nuisance items.
        5. Any delineated wetland boundaries and floodplain maps.

6. The location of any subsurface drainage tiles.

2. A Site Plan of proposed conditions showing the following:
    1. Location and spacing of the solar panels.
    2. Location of access roads.
    3. Location of underground or overhead electric lines connecting the solar farm to a building, substation or other electric load.
    4. New electrical equipment other than at the existing building or substation that is to be the connection point for the solar farm.
    5. Pre-Construction site photos shall be included to document site conditions prior to construction.
3. Fencing and Weed/Grass Control:
    1. The applicant shall submit an acceptable weed/grass control plan for property inside and outside the fenced area for the entire property. The Operating Company or Successor during the operation of the Solar Farm shall adhere to the weed/grass control plan.
    2. Perimeter fencing of opaque (solid, slatted chain-link, shadow box etc.) construction having a minimum height of six (6) feet ~~maximum height of eight (8) feet~~ and not taller than the panels themselves when oriented at full tilt shall be installed around the boundary of the solar farm and fully adhere to requirements as set forth in the Lincoln City Code for each applicable zoning district. The fence shall contain appropriate warning signage that is posted such that it is clearly visible on the site. Fencing shall be kept free of all nuisance trash and rubbish in accordance with all City of Lincoln ordinances.
    3. The applicant shall maintain the fence and adhere to the weed/grass control plan. If the Operating Company does not adhere to the proposed plan monetary fines as dictated in Section 7-2-8 of the City of Lincoln Municipal code may be enforced and will be assessed until the Operating Company or Successor complies with the weed/grass control and fencing requirements.
4. Manufacturer's Specifications: The manufacturer's specifications and recommended installation methods for all major equipment, including solar panels, mounting systems, and foundations for poles and racks.
5. Connection and Interconnection:
    1. A description of the method of connecting the SOLAR array to a building or substation.
    2. Utility interconnection details and a copy of written notification to the utility company requesting the proposed interconnection.
    3. Provide a copy of an executed interconnection agreement with the utility company having jurisdiction.
6. Setbacks: Setbacks shall be met in accordance with the applicable zoning district in which the project occurs.
7. Fire Protection: A fire protection plan for the construction and the operation of the facility, and emergency access to the site.
8. Endangered Species and Wetlands: Solar Farm developers shall be required to initiate a natural resource review consultation with the Illinois Department of Natural Resources (IDNR).
9. Road Use Agreements: All routes on City Roads that will be used for the construction and maintenance purposes shall be identified on the site plan. All routes for either egress or ingress need to be shown. The routing shall subject to the approval of the City of Lincoln. All roads shall be repaired/replaced or otherwise improved to maintain their current condition throughout and after construction.
10. Decommissioning of the Solar Farm: The Developer shall provide a decommissioning plan for the anticipated service life of the facility or in the event the facility is abandoned or had

reached its life expectancy. If the solar farm is out of service or not producing electrical energy for a period of twelve (12) months, it will be deemed nonoperational and decommissioning and removal of that facility will need to commence according to the decommissioning plan as provided and approved. A cost estimate for the decommissioning of the facility shall be prepared by a professional engineer or contractor who has expertise in the removal of the solar farm. The decommissioning cost estimate shall explicitly detail the cost before considering any projected salvage value of the out of service solar farm. The decommissioning cost shall be made by a cash, surety bond or irrevocable letter of credit before construction commences. Further a restoration plan shall be provided for the site with the application. The decommissioning plan shall have the following provided:

1. Removal of the following within six (6) months:
    1. All solar collectors and components, aboveground improvements and outside storage.
    2. Foundations, pads and underground electrical wires and reclaim site to a depth of four (4) feet below the surface of the ground.
    3. Hazardous material from the property and disposal in accordance with Federal and State law.
    4. Decommissioning with include full site restoration to an at grade maintainable surface.
2. The decommissioning plan shall also recite an agreement between the applicant and the City of Lincoln that:
    1. The financial resources for decommissioning shall be in the form of a Surety Bond, or shall be deposited in an escrow account with an escrow agent acceptable to the City of Lincoln.
    2. A written escrow agreement will be prepared, establishing upon what conditions the funds will be disbursed.
    3. The City of Lincoln shall have access to the escrow account funds for the expressed purpose of completing decommissioning if decommissioning is not completed by the applicant within six (6) months of the end of project life or facility abandonment.
    4. The City of Lincoln is granted the right of entry onto the site, pursuant to reasonable notice, to effect or complete decommissioning.
    5. The City of Lincoln is granted the right to seek injunctive relief to effect or complete decommissioning, as well as the City's right to seek reimbursement from applicant or applicant successor for decommissioning costs in excess of the amount deposited in escrow and to file a lien against any real estate owned by applicant or applicant's successor, or in which they have an interest, for the amount of the excess, and to take all steps allowed by law to enforce said lien.

8. Compliance with Building Code. All solar energy systems shall comply with the ordinances of the City of Lincoln as well as all Federal and State requirements.
9. Liability Insurance. The owner operator of the solar farm shall maintain a current general liability policy covering bodily injury and property damage and name the City of Lincoln as an additional insured with limits of at least two million dollars ($2,000,000.00) per occurrence and five million ($5,000,000.00) in the aggregate with a deductible of no more than five thousand dollars ($5,000.00).
10. Administration and Enforcement. The Building and Zoning Officer or other appointed City of Lincoln representative is hereby granted the power and authority to enter upon the premises of the solar farm at any time by coordinating a reasonable time with the operator/owner of the facility. Any person, firm or cooperation who violates, disobeys, omits, neglects, refuses to comply with, or resists enforcement of any of the provisions of this section may face fines of not less than seventy-five dollars ($75.00) nor more than seven hundred fifty dollars ($750.00) for each offense. Every day the property remains in non-compliance is considered and additional offence.