



Madison County Government  
**Administrative Services**

*Malik Fazil • Purchasing Director*  
Madison County Administration Building  
157 N. Main St. Suite # 57 • Edwardsville, IL 62025-1963  
Phone (618) 296-4219 • Fax (618) 692-7476

*Kurt Prenzler, CPA*  
*County Board Chairman*

## REQUEST FOR PROPOSALS

July 19, 2023

MADISON COUNTY GOVERNMENT

STANDBY GENERATOR INSTALLATIONS AND

UPGRADE PROJECT FOR THE

ADMINISTRATION BUILDING, COURTHOUSE,

JAIL AND EMA GARAGE

EDWARDSVILLE, ILLINOIS

**MADISON COUNTY STANDBY GENERATOR INSTALLATIONS AND  
UPGRADE PROJECT FOR THE ADMINISTRATION BUILDING,  
COURTHOUSE, JAIL AND EMA GARAGE**

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County Board Chairman

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**NOTICE TO BIDDERS**

Notice is hereby given that the Buildings & Facilities Management Committee of the Madison County Board for Madison County will seek **Scaled Proposals** for Madison County Standby Generator Installations and Upgrade Project for the Administration Building, Courthouse, Jail, and EMA Garage.

BIDDERS are welcome to attend a Pre-Bid Conference, which will be held at 8:30 a.m., Thursday July 27<sup>th</sup> at the Madison County Administration Building, 157 North Main St., Suite 145, Edwardsville, IL, 62025.


Bid Packages will be available from the Facilities Management Department at the Pre-Bid Meeting on, July 27th, 2023, and on the Madison County Website.

SEALED PROPOSALS will be accepted at the Madison County Administration Building, Administrative Services Department, 157 North Main Street, Suite 57, Edwardsville, Illinois no later than **2:00pm on Thursday August 24<sup>th</sup>**, Sealed Bids will then be publicly opened and read aloud at **2:15 P.M.** in the County Board Committee Meeting Room, Suite 145, 1<sup>st</sup> floor of the Administration Building.

The right is reserved to reject any and all bids.

Madison County is an "Equal Opportunity Employer".

Sincerely,

  
Malik Fazil  
Purchasing Director

## **“INSTRUCTIONS TO BIDDERS”**

1. All items contained in the “Instructions to Bidder” are applicable to the call for bids.
2. No bid may be withdrawn after the scheduled closing time for receipt of bids at least 90 days.
3. Envelope containing bid shall be marked plainly, “SEALED BID”– with MATERIALS or SERVICE DESCRIPTION, date and time of closing written thereon. All bids must be signed with the firm name in ink and by an authorized officer or employee of the company.
4. Unless otherwise stated in this call for bids, each bidder must submit with his bid either a certified check on any bank, a cashier’s check on a bank doing business in the County, or a combination bid and supply bond acceptable to the County in the amount of 5% of the total base bid, payable to the County, as guarantee that the successful bidder will supply material or services as specified.
5. The Contractor, before commencing Work, shall furnish Performance Bond and Labor/Material Payment Bond with a surety licensed to conduct business in Illinois equal to the amount of the Contract, guaranteeing the completion of the Work and performance of the Contract and the payment for all labor and materials incorporated in the Work. Said Bonds shall be presented to the Facilities Management Department, Madison County Administration Building, 157 N. Main St., Ste. #53, Edwardsville, IL 62025, within seven (7) working days after notification of bid award. Failure to supply said Performance Bond, Labor/Material Payment Bond or acceptable surety shall result in retraction of bid award.
6. All bids must include all taxes that are applicable to the County. The City and State of Illinois sales tax and Federal Taxes are not applicable to sales made to the County and must be excluded. The County Auditor, upon request, will execute the exemption certificates in connection with all orders when Federal Excise Tax would otherwise be due. Madison County Sales & Use Tax Exemption Affidavit will be available upon request.
7. Bid price to be F.O.B. Edwardsville, with delivery to Madison County using point within the area unless otherwise stated in this call for bids. Prices shall be stated in units and quotations made on each item separately. In case of conflict, unit price shall govern.
8. All prices and notations must be in ink or typewritten. Mistakes may be crossed out and corrections typed adjacent and must be initialed in ink by person signing bid. The bid must be signed by an authorized officer or individual.
9. Bidder must state brand name and/or manufacturer of each item proposed in his bid. Guarantee and/or warranty must also be stated.
10. Parts and materials must be of current day (latest model) and meet Specifications. This provision excludes surplus, remanufactured and used products except as alternate bid unless otherwise stated in this call for bids.
11. Bids will be considered on equipment or material complying substantially with Specifications provided each deviation is stated and substitution is described, including technical data when applicable, in a letter attached to proposal.

The County reserves the right to determine as to whether such substitutions or deviations are within the intent of the Specifications and will reasonably meet the service requirements of the using department. In addition to price and applicability, consideration for award may be given to engineering design which adds safety, convenience or adaptability for the use intended. Brand name which may be mentioned in Specifications does not indicate a preference and is used only as a reference to the type and quality of materials or equipment desired.

12. Time of delivery is part of the consideration and must be stated in definite terms as this may be a factor in making the award. If time varies on different items, the bidder shall so state.
13. Unless otherwise specified, materials and equipment will be inspected by the using department as to meeting the quality requirement of the call for bids. When deemed necessary, samples of supplies or material will be taken at random, from stock received, for submission to a commercial laboratory, or other appropriate inspection agency, for analysis and test as to whether the material conforms, in all respects, to the specifications. In cases where the commercial laboratory report indicates that the material does not meet the Specifications the expense of analysis is to be borne by the successful vendor and the order, or balance thereof may be cancelled by the County.
14. Bidders must be sure to specify any terms they wish to offer. Cash discounts will be deducted from the base bid in determining the low bidder, except, cash discounts based on payment in less the ten (10) days will not be considered.
15. In case of default by the vendor(s), the County may procure the articles or services from other sources and may deduct from unpaid balance due the vendor, or may collect against the bond or surety for excess costs so paid, and the prices paid by the County shall be considered the prevailing market price at the time such purchase is made.
16. The bidder, shall hold the County, its officers, agents, and employees harmless from liability of any nature or kind on account of use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used under this proposal call.
17. Successful bidder is specifically denied the right of using in any form or medium the name of Madison County for public advertising unless express permission is granted by the County.
18. The authorized committee(s) for the County reserves the right to reject any or all bids, or any part thereof, or to accept any bid part thereof, or to waive any informalities in any bid, deemed to be in the best interest of the County.
19. Madison County shall not award contracts to businesses owing delinquent taxes to Madison County at the time bids are awarded.
20. Bidder is expected to be an "Equal Opportunity Employer" as required by Article III, Rules III, Fair Employment Practices Commission.
21. All Specifications and Instructions to Bidders must be clearly answered and stated in definite terms.

22. Sealed proposals will be received until **Thursday August 24<sup>th</sup> 2023 at 2:00 P.M.** in the Administrative Services Department, Suite 57 in the Administration Building, then publicly opened and read aloud at **2:15 P.M.** in the Administration Building Conference room #145, at 157 North Main Street, Suite 145, located on the 1<sup>st</sup> floor of the Administration Building.

**BIDDERS ARE WELCOME TO ATTEND THIS MEETING**

23. If any additional information is needed contact:

Madison County Administrative Services  
157 North Main Street, Suite 59  
Edwardsville, Illinois 62025  
Email: supportservices@co.madison.il.us

24. Successful bidder cannot make delivery of successful material and/or services as specified until contract has been properly signed by the Madison County Board Chairman and the successful vendor.
25. Sealed bids received after designated time will be considered **“NO BID”** and as **“VOID”**.
26. By not complying with all phases of the Specifications and Instructions to Bidders, may cause the proposal to be automatically rejected.
27. Bidder must comply with the “Preference to Citizens” (Illinois) on “Public Works Project Act”, and the wages of employees or public works (Prevailing Wage Act), and bidder agrees to execute a Project Agreement and to submit an acknowledgement with bid documents (copy attached).

**SHALL BE RESPONSIBILITY OF BIDDER TO VERIFY PREVAILING WAGE SCHEDULE.**

28. Bidder should state where applicable that the firm is licensed to do business in the State of Illinois. (Out of state firms should satisfy all licensing requirements as required by the State of Illinois, failure to meet appropriate state licensing and statutory regulations can result in the contract to be entered into regarded as voidable).
29. Successful bidder shall hold the County, its Officers, Agents, and Employees, harmless from liability of any nature or kind, and shall sign and file with the County the attached “Hold Harmless and Indemnity Clause”.

The Hold Harmless form and the Vendor Agreement must be submitted to the County at the same time the contractor files his Performance Bond and Labor/Material Payment Bond.

30. Successful bidder, should the job be done, will be required to provide certificates of insurance naming Madison County Government as additional insured (Example COI Attached) and indicating the following coverage in the amount of one million dollars (\$1,000,000) for each category of coverage except as noted herein:

1. Liability Insurance  
Commercial General Liability

Products Completed Operations Liability  
Contractual Liability  
Comprehensive Automobile Liability

2. Worker's Compensation & Employers Liability \$500,000.

If the contractor should use any subcontractor, the contractor shall include all subcontractors as insured under its policies, or shall furnish to Madison County separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements of the contractor.

Bidder shall submit, along with his proposal, a copy of his current "Certificate of Insurance".

31. Madison County does not discriminate against the disabled in either their employment practices or the services they provide.
32. With request for payment, in triplicate, the bidder shall furnish a Contractor's Affidavit/Waiver of Lien from all parties concerned. Failure to supply Waiver of Lien or evidence of payment of all current accounts will be considered grounds for withholding partial payment and failure to supply Waiver of Liens for the entire job on completion will be grounds for withholding final payment.
33. Example of Madison County Project Labor Agreement for Development and Construction is attached for review. Successful bidder will be required to execute same.
34. Bidder agrees to submit herewith a Letter of Assent acknowledgment with proposal documents ("Attachment A", page 11 of the Project Labor Agreement dated November 10, 2004).
35. Bids MUST be submitted on attached bid forms.

## **SECTION 00150 – SUPPLEMENTARY INSTRUCTIONS TO BIDDERS**

### **BIDDER'S REPRESENTATION**

- (A) All Bidders and Sub-Bidders shall visit the proposed site of work to familiarize himself with the conditions and Scope of Work prior to submitting a proposal. It is essential that all bidders tour the site.
- (B) No Bidder shall be allowed any extra compensation for items on which he has failed to so inform himself prior to the bidding. The successful Bidder must employ as far as possible such methods and means of carrying out his work so as not to cause any interruption or interference with the work of any other bidder.
- (C) Each Bidder by making his bid represents that he will commence work on or before a date to be specified in written "Notice to Proceed" from the Owner, and further, guarantees that he will satisfactorily complete the work, including all the respective subcontract work, suitably ready for the Owner's occupancy, in the time stipulated in this form of Proposal.

### **SUBSTITUTIONS**

- (A) Materials or products, when specified by names of manufacturers for a specific use, are assumed equal, and shall form the basis of the Contract, unless substitutions are approved by the Architect.
- (B) Any bidder requesting approval of a substitution in material or product shall assume responsibility for including all necessary related items which become necessary to adapt the approved product to the building structure as detailed, without additional cost to the Owner.
- (C) Approval of manufacturer's products or materials on previous construction projects emanating from the Architect's office will not be construed as a blanket approval for this or any future installations. Each product and/or material requiring approval shall be duly considered for each project with a decision rendered regarding same.

### **BIDDING PROCEDURES**

- (A) The Bidder shall include in his bid the fee he will charge for assuming the contracts of the successful subcontractors for each category and for coordinating and supervising the work. This fee shall include commissions, overhead and all other costs related to financing, supervision and coordination of the total work.



- (B) The Bidder shall familiarize himself with the work included prior to bidding. Refer to Section 01010 – Summary of Work for description and additional information.

There shall be only one agreement executed by the Owner for the entire work. This agreement shall be between the Owner and the successful General Contractor, and it shall be based upon the Lump Sum cost of the entire work accepted, including the general work and the work of all subcontractors. A copy of the proposed form of Agreement is included in the Project Manual.

END OF SECTION 00150

Date: \_\_\_\_\_

**BID FORM**

TO: MADISON COUNTY BOARD  
c/o Facilities Management Department  
157 N. Main Street, Suite 53  
Edwardsville, Illinois 62025

Proposal for: Madison County Standby Generator Installations and Upgrade Project for the Administration Building, Courthouse, Jail, and EMA Garage, 157 North Main St., 155 North Main St., 405 Randle St., 403 Randle St., Edwardsville, Illinois 62025

Proposal of \_\_\_\_\_  
(Hereinafter called the Bidder) \* a corporation, incorporated under the Laws of the State of \_\_\_\_\_, \* a partnership; \* an individual doing business as \_\_\_\_\_.

(\*Scratch out non-applicable notations.)

1. The Bidder having examined the Drawings, Project Scope Document, Specifications and the Site of the proposed work; and being familiar with all conditions surrounding the construction and completion of the proposed project, hereby proposes to furnish all labor; materials, equipment and supplies to complete the project in accordance to Contract Documents.

2. The Bidder acknowledges the receipt of the following Addenda.

Addendum No. \_\_\_\_\_

Addendum No. \_\_\_\_\_

Addendum No. \_\_\_\_\_

3. **BASE BID PROPOSAL ADMINISTRATION BUILDING STANDBY GENERATOR INSTALLATION:**

The Bidder agrees to furnish all labor, materials, tools and equipment necessary to perform all work defined in the drawings and specifications for the procurement and installation of the new generator at, 157 North Main St., Edwardsville, Illinois 62025 for the sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

(The amount of proposal shall be shown in both writing and figures. In event of a discrepancy between the two, the written amount shall govern).

4. **BASE BID PROPOSAL COURTHOUSE STANDBY GENERATOR INSTALLATION:**

The Bidder agrees to furnish all labor, materials, tools and equipment necessary to perform all work defined in the drawings and specifications for the procurement and installation of the new generator at, 155 North Main St., Edwardsville, Illinois 62025 for the sum of \_\_\_\_\_

\_\_\_\_\_ Dollars (\$\_\_\_\_\_).

(The amount of proposal shall be shown in both writing and figures. In event of a discrepancy between the two, the written amount shall govern).

5. BASE BID PROPOSAL JAIL STANDBY GENERATOR UPGRADE:

The Bidder agrees to furnish all labor, materials, tools and equipment necessary to perform all work defined in the drawings and specifications for the procurement and upgrade of the generator at 405 Randle St., Edwardsville, Illinois 62025 for the sum of

\_\_\_\_\_ Dollars (\$\_\_\_\_\_).

(The amount of proposal shall be shown in both writing and figures. In event of a discrepancy between the two, the written amount shall govern).

6. BASE BID PROPOSAL EMA GARAGE STANDBY GENERATOR INSTALLATION:

The Bidder agrees to furnish all labor, materials, tools and equipment necessary to perform all work defined in the drawings and specifications for the procurement and installation of the generator at 403 Randle St., Edwardsville, Illinois 62025 for the sum of

\_\_\_\_\_ Dollars (\$\_\_\_\_\_).

(The amount of proposal shall be shown in both writing and figures. In event of a discrepancy between the two, the written amount shall govern).

7. TOTAL LUMP SUM BID PROPOSAL FOR ALL THE ABOVE PROPOSALS:

Sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_).

8. The Bidder Agrees to hold the bid price for 60 days after the time set for opening of bids.

9. The Bidder agrees to commence work as soon as possible from the acceptance of the proposal and to provide evidence of stated insurance requirements within 5 days of the acceptance of the proposal.

10. Submitted with this Bid are the following documents:

- 1) Hold Harmless & Indemnification Agreement
- 2) Letter of Assent
- 3) Bid Guarantee

Respectfully submitted,

---

By: \_\_\_\_\_  
(Name & Title)

---

(Business Address)

---

(Telephone)

SEAL: If Bid is by a  
Corporation

**ATTACHMENT A**  
**LETTER OF ASSENT**

RE: PROJECT LABOR AGREEMENT 11/10/2004

Pursuant to Article 1, Section 1.2, of the above referenced Agreement, the undersigned contractor hereby agrees that it will be bound by and comply with all terms and conditions of said Project Labor Agreement, and any amendments thereto.

This Letter of Assent will remain in effect for the duration of the Agreement, and any extensions, after which this understanding will automatically terminate, except as provided in Article 1, Section 1.9, of the Agreement.

BIDDER: \_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

- NOTE: THIS LETTER OF ASSENT MUST BE SUBMITTED WITH BID DOCUMENTS

# PROJECT LABOR AGREEMENT

As adopted on November 10, 2004 by the Southwestern Illinois Building & Construction Trades Council Board of Business Agents

This Agreement is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2023 by and between \_\_\_\_\_ and the Southwestern Illinois Building Trades Council (SIBTC) for and on behalf of its affiliates which sign a "Union Letter of Assent" (Signatory Union Affiliates) for this Project Labor Agreement, hereinafter referred to as the "Union". This Agreement shall apply to work performed by the Employer and its Contractors and Subcontractors on Construction known as the \_\_\_\_\_

## **ARTICLE I – INTENT AND PURPOSES**

- 1.1 This Project Agreement shall apply and is limited to the recognized and accepted historical definition of new construction work under the direction of and performed by the Contractor(s), of whatever tier, which may include the Project Contractor, who have contracts awarded for such work on the Project. Such work shall include site preparation work and dedicated off-site work.

The Project is defined as:

- \_\_\_\_\_
- 1.2 It is agreed that the Project Contractor shall require all Contractors of whatever tier who have been awarded contracts for work covered by this Agreement, to accept and be bound by the terms and conditions of this Project Agreement by executing the Letter of Assent (Attachment A) prior to commencing work. The Project Contractor shall assure compliance with this Agreement by the Contractors. It is further agreed that the terms and conditions of this Project Agreement shall supersede and override terms and conditions of any and all other national, area, or local collective bargaining agreements, (including all vertical agreements), except for all work performed under the NTL Articles of Agreement, the National Stack/Chimney Agreement, the National Cooling Tower Agreement, and the National Agreement of the International Union of Elevator Constructors.
- 1.3 The Contractor agrees to be bound by the terms of the Collective Bargaining Agreements and amendments thereto of the Signatory Union Affiliates and the applicable employers association, if any, with the Signatory Union Affiliates with which it has a present bargaining relationship. If there has previously been no such bargaining relationship, the contractor or subcontractor shall sign and be bound to all such agreements with Signatory Union Affiliates as outlined in the scope of work in the required pre-job conference. Such agreements are incorporated herein by reference. In order to comply with the requirements of the various fringe benefit funds to which the Contractor is to contribute, the Contractor shall sign such participation agreements as are necessary and will honor the fringe benefit collection procedures as required by the Collective Bargaining Agreement with the Signatory Union Affiliate.
- 1.4 The Contractor and the Union agree that should the Collective Bargaining Agreement (CBA) of any Signatory Union Affiliate expire prior to the completion of this project, the expired contracts' terms will be maintained until a new CBA is ratified. The wages, and fringe benefits included in any new CBA will be effective on the effective date of the newly negotiated CBA unless wage and fringe benefit retroactivity is agreed upon by the bargaining parties.

- 1.5 Nothing contained herein shall be construed to prohibit, restrict or interfere with the performance of any other operation work, or function which may occur at the Project site or be associated with the development of the Project.
- 1.6 This Agreement shall only be binding on the signatory parties hereto and shall not apply to their parents, affiliates, subsidiaries, or Non-Signatory Union Affiliates.
- 1.7 The Owner and/or the Project Contractor have the absolute right to select any qualified bidder for the award of contracts on this Project without reference to the existence or nonexistence of any agreements between such bidder and any party to this Agreement; provided, however, only that such bidder is willing, ready and able to become a party to and comply with this Project Agreement, should it be designated the successful bidder.
- 1.8 Items specifically excluded from the scope of this Agreement include but are not limited to the following: (List all items to be excluded).
- 1.9 The provisions of this Project Agreement shall not apply to \_\_\_\_\_ (Owner), and nothing contained herein shall be construed to prohibit or restrict \_\_\_\_\_ (Owner) or its employees from performing work not covered by this Project Agreement on the Project site. As areas and systems of the Project are inspected and construction tested by the Project Contractor or Contractors and accepted by the Owner, the Project Agreement will not have further force or effect on such items or areas, except when the Project Contractor or Contractors are directed by the Owner to engage in repairs, modifications, check-out, and warranty functions required by its contract with the Owner during the term of this Agreement.
- 1.10 It is understood that the Owner, at its sole option, may terminate, delay and/or suspend any or all portions of the Project at any time.
- 1.11 It is understood that the liability of any employer and the liability of a Signatory Union Affiliate and the SIBTC under this Agreement shall be several and not joint. Provided that the SIBTC or a Signatory Union Affiliate comply with their own obligations under this Agreement, the SIBTC and non-breaching Signatory Union Affiliates will not be liable for a breach of this Agreement by a breaching Signatory Union Affiliate or any action taken by a Non-Signatory Union Affiliate. The Union agrees that this Agreement does not have the effect of creating any joint employer status between or among the Owner, Contractor(s) or any employer.
- 1.12 Each affiliate union of the SIBTC representing employees engaged in construction work covered by this Agreement shall be requested to sign the "Union Letter of Assent", in the form attached hereto; provided, that the failure of any affiliate union to sign such Union Letter of Assent prior to commencement of construction work shall not diminish the applicability of this Agreement to the SIBTC and the union affiliates which have signed a Union Letter of Assent. Affiliates unions that have signed the Union Letter of Assent will be referred to as "Signatory Union Affiliates" and affiliate unions that have not signed the Union Letter of Assent will be referred to as "Non-Signatory Union Affiliates."

## **ARTICLE II – RECOGNITION**

- 2.1 The Contractor recognizes the SIBTC and the Signatory Union Affiliates as the sole and exclusive bargaining representative for its craft employees employed on the job site. Signatory Union Affiliates will have recognition on the project for their craft.

### **ARTICLE III – ADMINISTRATION OF AGREEMENT**

- 3.1 In order to assure that all parties have a clear understanding of the Agreement, to promote harmony and address potential problems, a pre-job conference will be held with the Contractor, SIBTC Representatives and all signatory parties prior to the start of any work on the project.
- 3.2 Representatives of the Contractor and the Union shall meet as required but not less than once a month to review the operation of this Agreement. The representatives at this meeting shall be empowered to resolve any dispute over the intent and application of the Agreement.
- 3.3 The Contractor shall make available in writing to the Union no less than one week prior to these meetings a job status report, planned activities for the next 30 day period, actual numbers of craft employees on the project and estimated number of employees by craft required for the next 30 day period. The purpose of this report is to allow time to address any potential jurisdictional problems and to ensure that no party signatory to the Agreement is hindering the continuous progress of the project through a lack of planning or shortage of manpower.

### **ARTICLE IV – HOURS OF WORK OVERTIME SHIFTS & HOLIDAYS**

- 4.1 The standard work day shall be an established consecutive eight (8) hour period between the hours of 7:00 a.m. and 5:00 p.m. with one-half hour designated as unpaid period for lunch. The standard work week shall be five (5) consecutive days of work commencing on Monday. Starting time which is to be established at the pre-job conference will be applicable to all craft employees on the project. Should job conditions dictate a change in the established starting time and/or a staggered lunch period on certain work of the project or with individual crafts, the Contractor, Business Managers of the Signatory Union Affiliates involved and the SIBTC shall mutually agree to such changes. If work schedule change cannot be mutually agreed to between these parties, the hours fixed in the Agreement shall prevail.
- 4.2 All time before and after the established work day of eight (8) hours, Monday through Friday and all time on Saturday shall be paid in accordance with each crafts current collective bargaining agreement. All time on Sundays and Holidays shall be paid for at the rate of double time.
  - (a) Fringe benefit payments for all overtime work shall be paid in accordance with each Signatory Union Affiliate's current Collective Bargaining Agreement.
- 4.3 Shift work, if used, shall be as provided in the collective bargaining agreement of each affected Signatory Union Affiliate.
- 4.4 Recognized Holidays shall be as follows: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veterans Day (**to be celebrated on November 11**), Thanksgiving Day and Christmas Day. No work will be performed on Labor Day under any consideration, except in an extreme emergency and then only after consent is given by the Business Manager of the Signatory Union Affiliates.



## **ARTICLE V – ABSENTEEISM**

- 5.1 The Contractor and the Union agree that chronic and/or unexcused absenteeism is undesirable and must be controlled. Employees that develop a record of such absenteeism shall be identified by the Contractor to the appropriate referral facility and the Contractor shall support such action with the work record of the involved employee. Any employee terminated for such absenteeism shall not be eligible for rehire on the project for a period of no less than ninety (90) days.

## **ARTICLE VI – MANAGEMENT RIGHTS**

- 6.1 The Contractor retains and shall exercise full and exclusive authority and responsibility for the management of its operations, except as expressly limited by the terms of this Agreement and the collective bargaining agreements of the Signatory Union Affiliates.

## **ARTICLE VII – GENERAL WORKING CONDITIONS**

- 7.1 Employment begins and ends at the project site, to be determined at the Pre-Job Conference.
- 7.2 Employees shall be at their place of work at the starting time and shall remain at their place of work until quitting time. The parties reaffirm their policy of a fair day's work for a fair day's pay.
- 7.3 The Contractor may utilize brassing, or other systems to check employees in and out. Should such procedures be required, the techniques and rules regarding such procedures shall be established by mutual consent of the parties at the pre-job conference.
- 7.4 There shall be no limit on production by workmen nor restrictions on the full use of tools or equipment. Craftsmen using tools shall perform any work of their trade and shall work under the direction of the craft foreman. There shall be no restrictions on efficient use of manpower other than as may be required by safety regulations.
- 7.5 Crew Foreman shall be utilized as per the existing collective bargaining agreements. The Contractor agrees to allow crew foremen ample time to direct and supervise their crew. The Union agrees there will be no restrictions placed on crew foreman's ability to handle tools and materials.
- 7.6 The Contractor may utilize the most efficient methods or techniques of construction, tools or other labor saving devices to accomplish the work. Practices not a part of the terms and conditions of this Agreement will not be recognized.
- 7.7 Should overtime work be required, the Contractor will have the right to assign specific employees and/or crews to perform such overtime work as is necessary to accomplish the work.
- 7.8 The Contractor may establish such reasonable project rules as the Contractor deems appropriate. These rules will be reviewed and established at the pre-job conference and posted at the project site by the Contractor.
- 7.9 It is recognized that specialized or unusual equipment may be installed on the project and in such cases, the Union recognizes the right of the Contractor to involve the equipment supplier or vendor's personnel in supervising the setting of the equipment, making modifications and final

alignment which may be necessary prior to and during the start-up procedure, in order to protect factory warranties.

- 7.10 In order to promote a harmonious relationship between the equipment or vendor's personnel and the Building Trades craftsmen, a meeting shall be held between the Contractor and the Unions prior to any involvement on the project by these personnel. The Contractor will inform the Union of the nature of involvement by these personnel and the numbers of personnel to be involved, allowing ample time for the Union representatives to inform their stewards prior to the start of any work.

#### **ARTICLE VIII – SAFETY**

- 8.1 The employees covered the terms of this Agreement shall at all times while in the employ of the Contractor be bound by the safety rules and regulations as established by the Contractor in accordance with the Construction Safety Act and OSHA.
- a. These rules and regulations will be published and posted at conspicuous places throughout the project.
- 8.2 In accordance with the requirements of OSHA, it shall be the exclusive responsibility of each Contractor on a jobsite to which this Agreement applies, to assure safe working conditions for its employees and compliance by them with any safety rules contained herein or established by the Contractor. Nothing in this Agreement will make the SIBTC or any of its affiliates liable to any employees or to other persons in the event that injury or accident occurs.

#### **ARTICLE IX – SUBCONTRACTING**

- 9.1 The Project Contractor agrees that neither it nor any of its contractors or subcontractors will subcontract any work to be done on the Project except to a person, firm or corporation who is or agrees to become party to this Agreement. Any contractor or subcontractor working on the Project shall, as a condition to working on said Project, become signatory to and perform all work under the terms of this Agreement.

#### **ARTICLE X – UNION REPRESENTATION**

- 10.1 Authorized representatives of the SIBTC and its Signatory Union Affiliates shall have access to the project provided they do not interfere with the work of the employees and further provide that such representatives fully comply with the visitor and security rules established for the project.
- 10.2 Each Signatory Union Affiliate shall have the right to designate a working journeyman as a steward. Such designated steward shall be qualified worker performing the work of that craft and shall not exercise any supervisory functions. Each steward shall be concerned with the employees of the steward's employer and not with the employees of any other employer.
- 10.3 The working steward will be paid at the applicable wage rate for the job classification in which he is employed.
- 10.4 The working steward shall not be discriminated against because of his activities in performing his duties as steward, and excepts as otherwise provided in local agreements, shall be the last

employee in his craft to be laid off in any reduction in force. Stewards will be subject to discharge to the same extent that other employees are only after notification to the Union Representative. The Contractor will permit stewards sufficient time to perform the duties inherent to a steward's responsibilities. Stewards will be offered available overtime work if qualified.

#### **ARTICLE XI – DISPUTES AND GRIEVANCES**

- 11.1 This Agreement is intended to provide close cooperation between management and labor. Each of the Signatory Union Affiliates will assign a representative to this Project for the purpose of completing the construction of the Project economically, efficiently, continuously, and without interruptions, delays, or work stoppages.
- 11.2 The Contractors, Union, and the employees, collectively and individually, realize the importance to all parties to maintain continuous and uninterrupted performance of the work of the Project, and agree to resolve disputes in accordance with the grievance arbitration provisions set forth in this Article.
- 11.3 Any questions or dispute arising out of and during the term of this Project Agreement (other than trade jurisdictional disputes) shall be considered a grievance and subject to resolution under the following procedures:

Step 1. (a). When any employee subject to the provisions of this Agreement feels he or she is aggrieved by a violation of this Agreement, he or she, through his or her local union business representative or job steward, shall, within five (5) working days after the occurrence of the violation, give notice to the work-site representative of the involved Contractor stating the provision(s) alleged to have been violated. The business representative of the local union or the job steward and the work-site representative of the involved Contractor and the Project Contractor shall meet and endeavor to adjust the matter within three (3) working days after timely notice has been given. The representative of the Contractor shall keep the meeting minutes and shall respond to the Union representative in writing (copying the Project Contractor) at the conclusion of the meeting but not later than twenty-four (24) hours thereafter. If they fail to resolve the matter within the prescribed period, the grieving party may, within forty-eight (48) hours thereafter, pursue Step 2 of the Grievance Procedure, provided the grievance is reduced to writing, setting forth the relevant information concerning the alleged grievance, including a short description thereof, the date on which the grievance occurred, and the provision(s) of the Agreement alleged to have been violated.

(b). Should the Local Union(s) or the Project Contractor or any Contractor have a dispute with the other party and, if after conferring, a settlement is not reached within three (3) working days, the dispute may be reduced to writing and proceed to Step 2 in the same manner as outlined herein for the adjustment of an employee complaint.

Step 2. The International Union Representative and the involved Contractor shall meet within seven (7) working days of the referral of a dispute to this second step to arrive at a satisfactory settlement thereof. Meeting minutes shall be kept by the Contractor. If the parties fail to reach an agreement, the dispute may be appealed in writing in accordance with the provisions of Step 3 within seven (7) calendar days thereafter.

Step 3. (a) If the grievance has been submitted but not adjusted under Step 2, either party may request in writing, within seven (7) calendar days thereafter, that the grievance be submitted to an Arbitrator mutually agreed upon by them. The Contractor and the involved Union shall attempt mutually to select an arbitrator, but if they are unable to do so, they shall request the American Arbitration Association to provide them with a list of arbitrators from which the Arbitrator shall be selected. The rules of the American Arbitration Association shall govern the conduct of the arbitration hearing. The rules of the American Arbitration Association shall govern the conduct of the arbitration hearing. The decision of the Arbitrator shall be formal and binding on all parties. The fee and expenses of such Arbitration shall be borne equally by the Contractor and the involved Local Union(s).

(b) Failure of the grieving party to adhere to the time limits established herein shall render the grievance null and void. The time limits established herein may be extended only by written consent of the parties involved at the particular step where the extension is agreed upon. The Arbitrator shall have the authority to make decisions only on issues presented to him or her and he or she shall not have authority to change, amend, add to or detract from any of the provisions of this Agreement.

11.4 The Project Contractor and Owner shall be notified of all action at Steps 2 and 3 and shall, upon their request, be permitted to participate in all proceedings at these steps.

#### **ARTICLE XII – JURISDICTIONAL DISPUTES**

12.1 The assignment of work will be solely the responsibility of the Contractor performing the work involved, in accordance with applicable Collective Bargaining Agreements and past practices. To the extent that past practices is a factor in assigning work under the Project Labor Agreement, including assignments under any collective bargaining agreements to which any of the signatory contractors hereto may be a party, the practice to be applied shall be that followed within the geographical area encompassed by the Southwestern Illinois Building and Construction Trades Council. The practice followed in any other geographical area, even though a Union signatory to this Project Labor Agreement may also represent employees in that area, shall not be a factor in the assignment. All jurisdictional disputes between or among Building and Construction Trades Unions and employees and the Contractor, parties to this Agreement, shall be settled and adjusted according to the present Plan established by the Building and Construction Trades Department or any other plan or method of procedure that may be adopted in the future by the Building and Construction Trades Department. Decisions rendered shall be final, binding and conclusive on the Contractor and Union parties to this Agreement.

12.2 All jurisdictional disputes shall be resolved without the occurrence of any strike, work stoppage, or slow-down of any nature, and the Contractor's assignment shall be adhered to until the dispute is resolved. Individuals violating this section shall be subject to immediate discharge.

12.3 Each Contractor will conduct a pre-job conference with the appropriate Building and Construction Trades Council prior to commencing work. The Project Contractor and the Owner will be advised in advance of all such conferences and may participate if they wish.

#### **ARTICLE XIII – WORK STOPPAGE AND LOCKOUTS**

13.1 During the term of this Agreement there shall be no strikes, picketing, work stoppages, slow downs or other disruptive activity for any reason by the SIBTC, its Signatory Union Affiliates or

by any employee and there shall be no lockout by the Contractor. Failure of any Signatory Union Affiliate or employee to cross any picket line established at the project site is a violation of this Article.

- 13.2 The SIBTC and its Signatory Union Affiliates shall not sanction, aid or abet, encourage or continue any work stoppage, picketing or other disruptive activity and will not make any attempt of any kind to dissuade others from making deliveries to or performing services for or otherwise doing business with the Contractor at the project site. Should any of these prohibited activities occur the SIBTC and the Signatory Union Affiliates will take the necessary action to end such prohibited activities.
- 13.3 No employee shall engage in any activities which violates this Article. Any employee who participates in or encourages any activities which interfere with the normal operation of the project shall be subject to disciplinary action, including discharge, and if justifiably discharged for the above reasons, shall be eligible for rehire on the same project for a period of not less than ninety (90) days.
- 13.4 Neither the SIBTC nor its Signatory Union affiliates will be liable for acts of employees for whom it has no responsibility. The principal officer or officers of the SIBTC will immediately instruct order and use the best efforts of his office to cause Signatory Union Affiliates to cease any violations of this Article. The SIBTC in its compliance with the obligation shall not be liable for unauthorized acts of Signatory Union Affiliates or Non-Signatory Union Affiliates. The principal officer or officers of any involved Signatory Union Affiliate will immediately instruct, order or use the best effort of his office to cause the employees the union represents to cease any violations of this Article. A union complying with this obligation shall not be liable for unauthorized acts of employees it represents. The failure of the Contractor to exercise its right in any instance shall not be deemed a waiver of its right in any other instance.
- 13.5 In lieu of any action at law or equity, any party shall institute the following procedure when a breach of this Article is alleged after all involved parties have been notified of the fact.
- a. The party invoking this procedure shall notify \_\_\_\_\_ whom the parties agree shall be the permanent arbitrator under this procedure. In the event the permanent arbitrator is unavailable at any time, he shall appoint his alternate. Notice to the arbitrator shall be by the most expeditious means available, with notice by telegram or any effective written means to the party alleged to be in violation and all involved parties.
  - b. Upon receipt of said notice the arbitrator named above shall set and hold a hearing within twenty-four (24) hours if it is contended the violation still exists but not before twenty-four (24) hours after the telegraph notice to all parties involved as required above.
  - c. The Arbitrator shall notify the parties by telegram or any other effective written means, of the place and time he has chosen for this hearing. Said hearing shall be completed in one session. A failure of any party or parties to attend said hearing shall not delay the hearing of evidence or issuance of an Award by the Arbitrator.

- d. The sole issue at the hearing shall be whether or not a violation of this Article has in fact occurred. The Award shall be issued in writing within three (3) hours after the close of the hearing, and may be issued without an Opinion. If any party desires an Opinion, one shall be issued within fifteen (15) days, but its issuance shall not delay compliance with, or enforcement of, the Award. The Arbitrator may order cessation of the violation of this Article, and such Award shall be served on all parties by hand or registered mail upon issuance.
- e. Such Award may be enforced by any court of competent jurisdiction upon the filing of the Agreement and all other relevant documents referred to herein above in the following matter. Telegraphic notice of the filing such enforcement proceedings shall be given to the other party. In the proceeding to obtain a temporary order enforcing the Arbitrator's Award an issue under Section 13.5 of this Article, all parties waive the right to a hearing and agree that such proceedings may be exparte. Such agreement does not waive any party's right to participate in a hearing for a final order of enforcement. The Court's order or orders enforcing the Arbitrator's Award shall be served on all parties by hand or by delivery to their last known address or by registered mail.
- f. Any rights created by statute or law governing arbitration proceedings inconsistent with the above procedure or which interfere with compliance therewith are hereby waived by parties to whom they accrue.
- g. The fees and expenses of the Arbitrator shall be borne by the party or parties found in violation, or in the event no violation is found, such fees and expenses shall be borne by the moving party.
- h. If the Arbitrator determines in accordance with Section 13.5 that the SIBTC or a Signatory Union Affiliate has violated Article XIII, the SIBTC or the Signatory Union Affiliate shall, within eight (8) hours of receipt of this Award, direct all employees they represent at the project to immediately return to work. If the employees do not return to work at the beginning of the next regular scheduled shift following receipt of the Arbitrator's Award, and the SIBTC or Signatory Union Affiliate have not complied with Section 13.4 above, then the SIBTC or the Signatory Union Affiliate which has not complied with Section 13.4 shall pay the sum of ten thousand dollars (\$10,000) as liquidated damages to the affected owner, and shall pay an additional ten thousand dollars (\$10,000) per shift for each shift thereafter on which the employees have not returned to work. The Arbitrator shall retain jurisdiction to determine compliance with the Section and Section 13.4, and to assess liquidated damages.

#### **ARTICLE XIV – GENERAL SAVINGS CLAUSE**

- 14.1 If any Article or provision of this Agreement shall be declared invalid, inoperative or unenforceable by operation of law or by any of the above mentioned tribunals of competent jurisdiction, the remainder of this Agreement or the application of such Article or provision to persons or circumstances other than those as to which it has been held invalid, inoperative or unenforceable shall not be affected thereby.

**ARTICLE XV – TERM OF AGREEMENT**

15.1 This Agreement shall be in full force as of and from the date of the Notice of Award to the Final Acceptance of all applicable contractors.

**IN WITNESS WHEREOF**, the respective duly authorized representatives of the parties hereto have executed this Agreement on date set forth opposite their respective signatures.

Date: \_\_\_\_\_

\_\_\_\_\_  
(Contractor Representative)

\_\_\_\_\_  
(Firm's Name)

\_\_\_\_\_  
(Firm's Address)

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Eric Oller, Exec. Secretary – Treasurer  
Southwestern Illinois Building &  
Construction Trades Council  
2A Meadow Heights Professional Park  
Collinsville, IL 62234

**HOLD HARMLESS AND  
INDEMNIFICATION AGREEMENT**

1. **Contractor** hereby assumes the entire liability for its own negligence and the negligence of its own employees. **Contractor** shall be responsible for all damages to persons or property caused by its Contract work. **Contractor** shall indemnify, defend and save harmless Madison County from and against any and all claims, debts, damages, (including direct, liquidated, consequential, incidental or other damages), judgements, awards, losses, liabilities, interest, attorney's fees, costs and expenses of whatsoever kind or nature at any time arising out of any failure of **Contractor** to perform any of the terms and conditions of the Contract, or which are caused or occasioned by, or contributed to, or claim to be caused or occasioned or contributed to, by any act, omission, fault or negligence of **Contractor** or anyone acting under its direction or control or on its behalf in connection with or incident to the contract work. All questions involving contributory acts, omissions, fault, or negligence of Madison County with **Contractor** will be determined in accordance with applicable law. Without limiting the generality of the foregoing, the same shall include injury or death to any person or persons, including agents and employees of Madison County, **Contractor**, other contractors and subcontractors and damage to any property, regardless of location, including property of Madison County, Contractor, other contractors and subcontractors and shall extend to any similar obligations of **Contractor** undertaken by it under the General and Special Conditions of the General Contract, including the technical requirements or specifications and drawings with

respect to the Contract work hereunder, **Contractor** will, on request and at its expense, defend any action, suit or proceedings arising hereunder and shall reimburse and pay Madison County for any loss, cost, damage or expenses (including legal fees) suffered by it hereunder. Such obligation shall not be construed to negate, or abridge or otherwise reduce any other right or obligation of indemnity that would otherwise exist as to any party or person described in this Clause.

2. In any and all claims against Madison County and other contractors or subcontractors or any of their agents or employees, by any employees of **Contractor**, anyone directly or indirectly employed by Contractor or anyone for whose acts **Contractor** may be liable, the indemnification obligation under this Clause shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for **Contractor** under worker's or workmen's compensation acts, disability benefits acts or other employee benefit acts.

3. If, for any reason during the performance of this Contract, **Contractor** rents, leases or uses equipment of Madison County, **Contractor** shall indemnify, defend and hold harmless Madison County (including its officers, agents, and employees from any loss (including costs and attorney's fees) or damage caused by that equipment. Furthermore, **Contractor** shall be liable to Madison County for any loss or damage to that equipment.

4. This agreement shall specifically not require **Contractor** to indemnify Madison County from Madison County's own alleged negligence in violation of Chapter 740 ILCS 35/1.

**IN WITNESS WHEREOF** the parties hereto have affixed their hands and seals this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

**CONTRACTOR:** \_\_\_\_\_

**OWNER:** \_\_\_\_\_



By \_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_

Title \_\_\_\_\_

**ATTEST:**

**ATTEST:**

By \_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_

Title \_\_\_\_\_

**PRODUCER**

**THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.**

<p><b>INSURED</b> Sample Certificate</p>	<p><b>COMPANIES AFFORDING COVERAGE</b></p> <p>COMPANY A</p> <p>COMPANY B</p> <p>COMPANY C</p> <p>COMPANY D</p>
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**COVERAGES**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. Limits SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT <input type="checkbox"/> Policy <input type="checkbox"/> Lec <input type="checkbox"/> Project <input type="checkbox"/> Other	X	X				GENERAL AGGREGATE \$ 2,000,000 PRODUCTS-COM/OP AGG \$ 2,000,000 PERSONAL & ADV INJURY \$ 1,000,000 EACH OCCURRENCE \$ 1,000,000 FIRE DAMAGE (Any one fire) \$ 100,000 MED EXP (Any one person) \$ 5,000
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTO	X					COMBINED SINGLE LIMIT \$ 1,000,000  BODILY INJURY (Per person)  BODILY INJURY (Per accident)  PROPERTY DAMAGE
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> <input type="checkbox"/>						AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EACH ACCIDENT AGGREGATE AGGREGATE
A	<b>EXCESS LIABILITY</b> <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM						EACH OCCURRENCE AGGREGATE
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL <input type="checkbox"/> EXCL.		X				<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER EL EACH ACCIDENT \$ 500,000 EL DISEASE - POLICY LIMIT \$ 500,000 EL DISEASE - EMPLOYEE \$ 500,000
A	OTHER						

**DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS -**

Madison County Government is named as additional insured for all liability policies. All coverage afforded to the additional insured(s) under this policy shall be on a primary basis. If additional insured(s) other insurance, which is applicable to the loss, such insurance will be on an excess basis. The amount of the company's liability under the policy shall not be reduced by the existence of such insurance. Waiver of subrogation in favor of the additional insured(s) applies to all liability policies and workers compensation. Insurance carriers are to provide Madison County Government at least 30 days notice prior to cancellation of any policy.

**CERTIFICATE HOLDER**

Madison County Government 157 N Main St, Suite 154 Edwardsville, IL 62025	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
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**Vendor Agreement**  
(As it applies to insurance coverage)

Business Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone/Fax/Email: \_\_\_\_\_

Before commencing work for **Madison County Government** all vendors agree to the following hold harmless agreement:

“To the fullest extent permitted by law, the vendor shall indemnify and hold harmless the Owner, contractor, architect, Architect consultants, and agents and employees of any of the previously mentioned from and against claims, damages, losses and expenses, including but not limited to attorney’s fees, arising out of or resulting from performance of the vendors work, provided that any such claim damage, loss or expense is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the work itself), but only to the extent caused by negligent acts or omissions by the vendor, the vendors subcontractor’s, or anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim damage loss or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge or otherwise reduce other rights or obligations of Indemnity which would otherwise exist which as to a party or person described in this paragraph.”

Vendor also agrees to supply **Madison County Government** with a current certificate of insurance verifying the following:

- Workers Compensation: Statutory limits, including Employers liability of \$500,000 each accident, \$500,000 policy limit for disease, \$500,000 each employee for disease. **Waiver of Subrogation** in favor of **Madison County Government** must be included. Workers Compensation must be provided for all persons performing work at the jobsite, including but not limited to any principles, officers, employees of the vendor, sole proprietors, subcontractors, and sub-subcontractors. If owners, principles, officers or sole proprietors choose to exclude themselves from workers compensation, they agree they shall not, at any time, or in any way, seek such benefits, or any recompense, from Madison County Government for any on-the job related injury arising out of the work covered or contemplated by this Vendor Agreement.
- Commercial General Liability (including Bodily injury and property damage, completed operations, broad form property damage, contractual liability, for the obligation of vendor to Indemnify Madison County Government under the agreement, and per jobsite aggregate. Minimum limits of \$1,000,000 per occurrence, \$2,000,000 general aggregate. **Additional Insured and Waiver of Subrogation** in favor of **Madison County Government** must be included.
- Commercial Automobile Liability minimum limits of \$1,000,000 combined single limit. Additional insured and waiver of subrogation, and “any auto” to be included.

- Vendor to name **Madison County Government** (and others if requested) as additional insured's (form CG2010 11/85 or CG2010 07/04 **and** CG2037 07/04) include both work in process (ongoing operations) and completed work (completed operations). If insurance company specific forms replace the forms mentioned above, the additional insured form **MUST** be forwarded and approved prior to commencing work.
- All coverage afforded to the additional insured under this policy shall be **primary** insurance. If the additional insured has other insurance, which is applicable to the loss, such other insurance shall be on an excess basis. The amount of the company's liability under this policy shall not be reduced by the existence of such other insurance.
- If work of a professional nature is to be performed, professional liability (Errors and Omissions) must be shown at a limit of no less than \$1,000,000 per occurrence and \$1,000,000 aggregate. **Madison County Government** must be named as additional insured to this policy.
- If your work will require that you have access to any computer hardware or systems, cyber liability must be shown at a limit of no less than \$1,000,000 per occurrence and \$1,000,000 aggregate. **Madison County Government** must be named as additional insured to this policy.
- Limits of insurance are non-negotiable.
- Insurance must remain in place and be effective for no less than two years after project completion.
- Insurance Company(s) must be financially stable, rating of A-/VII or better, per A.M. Best Guidelines.
- This agreement shall not, in any way, affect **Madison County Government's** responsibility to perform the underlying contractual obligations to which this Vendor Agreement applies, within industry standards and workmanship-like manner.

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Name & Title

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Signature

---

Date

Please send the signed copy of this document and a certificate of insurance to:  
[sjperjak@madisoncountyl.gov](mailto:sjperjak@madisoncountyl.gov)

## GENERAL PROJECT SCOPE SUMMARY

**PROJECT:** Madison County Standby Generator Installations and Upgrade Project for the Administration Building, Courthouse, Jail, and EMA Garage

**GENERAL:** In the following project, there shall be one prime contractor and that contractor is to provide a full turnkey project for Generator Installations, and Upgrades.

### **GENERAL CONDITIONS:**

1. Normal work hours (7:00 am – 3:30 pm, Monday - Friday) are acceptable for work on the Generator Installations and Upgrades, except for electrical cut over phases. These will have to be coordinated with Facilities Management for after business hours. Which would be after 4:30 pm during the week or on weekends. On site storage shall be coordinated with Facilities Management.
2. Public Restrooms in the Administration Building may be used by Contractor.
3. Temporary utilities will be provided by Owner with Contractor providing Code Compliant connection.
4. Contractor shall coordinate scheduling with Facilities Management.
5. The successful Contractor shall be held responsible for the security of the buildings and contents during the time construction personnel are on the premises.
6. Contractor shall furnish all labor and material to complete the project.
7. Contractor shall be responsible for permits.

### **ATTACHMENTS:**

Instructions to Bidders  
Hold Harmless and Indemnification Agreement\*  
Bid Form\*  
Letter of Assent\*  
Bid Guarantee\*  
*\*Indicates Must Be Submitted with BID.*

Questions should be addressed to:

**Mike Bold, Director of Facilities,** [mpbold@madisoncountyl.gov](mailto:mpbold@madisoncountyl.gov) or,  
**Kurt M. Geschwend, Building Engineer,** [kmggeschwend@madisoncountyl.gov](mailto:kmggeschwend@madisoncountyl.gov)  
Facilities Management  
157 N. Main Street  
Suite 53  
Edwardsville, Illinois 62025  
(618) 296-5240

July 6, 2023

**Administration Building Generator Installation Requirements**

**General:**

1. This Project shall be a design build project. The Contractor shall provide electrical design drawings for this project.
2. 3 – 4”, 1 – 1-1/4”, and 2 – 1” conduits have been laid from the east corner of small parking lot, across 2<sup>nd</sup> street, and 90 into the Quazite junction box in the sidewalk near the transformer by the Administration Building. The PVC conduit is capped off under the concrete.
3. The contractor shall extend the excavations and PVC conduits from the capped off PVC conduits in the parking lot to the new generator pad.
4. The contractor shall excavate around the Quazite box, transformer, and building as needed to place new conduits as needed for the new power and transfer switch.
5. The contractor shall provide and install a new 1200-amp service entrance rated automatic transfer switch and all necessary wiring from the incoming service to the to the transfer switch, into the main building, and out to the new generator. This includes the main power wiring, block heater wiring, battery charger wiring, engine start circuit, and remote annunciator wiring. Do not run Any direct current (DC) wiring or Data Link wiring in the same conduit that contains alternating current (AC) wiring. Use only stranded wire for metering, battery charger, and control connections to any part of the engine/generator. Use proper size shielded cabling for signal wires. Use proper terminal crimp connections on wire ends.
6. The contractor shall provide design drawings and all wire sizes shall be according to the design drawings.
7. The contractor shall provide and install a new concrete pad for the new generator in the general area located on the provided Project Location Aerial Picture. The concrete pad shall be at least 2 feet wider, and 2 feet longer than the footprint of the new generator, and at least 4 inches higher than the parking lot surface. Contractor to install and stub up conduits in the new concrete pad in appropriate locations to make wiring to the new generator as easy as possible.
8. Contractor shall provide and install a new outdoor rated, enclosed, sound attenuated, painted white, Cat C18, 750KW, Diesel Generator. The generator shall have a UL Listed sub-base fuel tank that is large enough to run the generator under full load for 24 hours. Muffler shall be a Residential and Critical grade sound level.
9. The contractor shall land all wiring, do startups on the systems, and test the system before completion of the project. Testing to include at least a 2-hour full load test on the generator to insure proper operation. During, or after testing, training on the new systems will be provided to Facilities Management.
10. After the full load test has been completed, and training has been given, Contractor shall schedule a transfer and retransfer with Facilities Management to ensure that the systems are working properly.
11. Contractor shall fill the diesel fuel tank with off road, non-bio, and winterized diesel fuel.
12. All connections to the engine/generator must be flexible, fuel and electrical.
13. The new generator shall have a factory installed battery charger.

14. Connections are made on terminal strips inside the generator housing unless otherwise noted.
15. Bid Price to include a Platinum Plus 5 year or 2500 hour extended service coverage plan.
16. Fabick Cat contact is Chris Zahari, 636-680-1402, [Christopher.zahari@fabickcat.com](mailto:Christopher.zahari@fabickcat.com)

The following bullet points refer to the attached aerial of the proposed generator locations, which is not to scale:

1. The red line across the lower middle indicates removal of the concrete curb.
2. The green rectangle indicates removal of the mulch, and then pour back with concrete that transitions from both of the parking lots. New concrete shall be pinned with rebar to the existing concrete. The new flat work concrete shall be 4" thick with a brushed finish. Provide saw cuts as needed. Seal saw cuts with caulk or tar.
3. The Blue rectangle is the proposed location for the Administration Building Generator and concrete pad for the generator. Contractor to cut out the concrete and trench a path to extend the conduits across the parking lot to the new generator pad. Once conduits are installed, back fill with 1" clean rock, then pour back the concrete. Thickness shall match existing which is 6" thick and will be pinned to the existing concrete. Seal joints with caulk or tar.
4. The orange lines around the perimeter of the site are for the new chain link fence. Provide and install an 8-foot-tall chain link fence with 3 strands of barbed wire at the top to match the existing fence. The purple lines are for 2, 4-foot-wide chain link fence gates to make an 8-foot-wide opening on either side.

The following bullet points refer to the attached Google Map with the red lines on it, which is not to scale:

1. The red solid lines on the aerial show the location of the conduits that are in place underground.
2. The conduits terminate in the Quazite boxes that are in the sidewalk next to the respective buildings.
3. At the other end of the solid lines the conduits are capped off under the concrete.
4. The red hash lines are the proposed extensions of the conduit to the proposed locations of the new generators.

## Standby & Prime: 60Hz



Image shown might not reflect actual configuration

Engine Model	Cat <sup>®</sup> C18 ATAAC™ In-line 6, 4-cycle diesel
Bore x Stroke	145mm x 183mm (5.7in x 7.2in)
Displacement	18.13 L (1106.3 in <sup>3</sup> )
Compression Ratio	14:1
Aspiration	Turbocharged Air-to-Air Aftercooled
Fuel Injection System	Electronic Unit Injection
Governor	Electronic ADEM™ A4

Model	Standby	Prime	Emission Strategy
<b>C18</b>	<b>750 ekW, 938 kVA</b>	<b>680 ekW, 850 kVA</b>	<b>EPA TIER II</b>

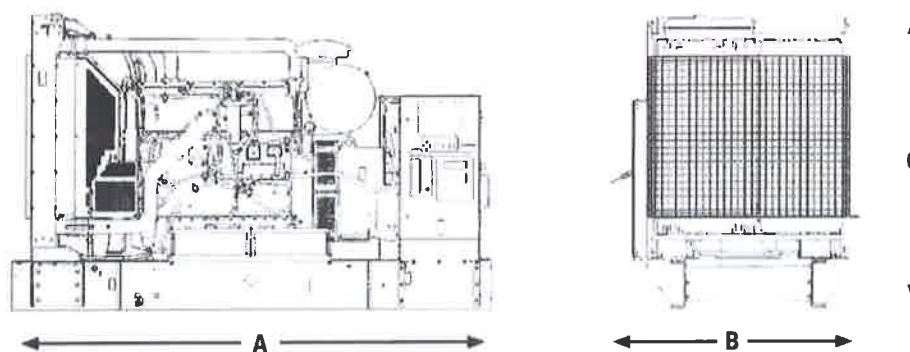
## PACKAGE PERFORMANCE

Performance	Standby	Prime
Frequency	60 Hz	
Genset Power Rating	938 kVA	850 kVA
Genset power rating with fan @ 0.8 power factor	750 ekW	680 ekW
Emissions	EPA TIER II	
Performance Number	EM3842	EM3843
<b>Fuel Consumption</b>		
100% load with fan, L/hr (gal/hr)	205.5 (54.2)	188.5 (49.7)
75% load with fan, L/hr (gal/hr)	164.3 (43.4)	146.3 (38.6)
50% load with fan, L/hr (gal/hr)	108.9 (28.7)	100.3 (26.5)
25% load with fan, L/hr (gal/hr)	63.5 (16.7)	59.4 (15.6)
<b>Cooling System<sup>1</sup></b>		
Radiator air flow restriction (system), kPa (in. Water)	0.12 (0.48)	0.12 (0.48)
Radiator air flow, m <sup>3</sup> /min (cfm)	900 (31783)	900 (31783)
Engine coolant capacity, L (gal)	20.8 (5.5)	20.8 (5.5)
Radiator coolant capacity, L (gal)	77 (20.3)	77 (20.3)
Total coolant capacity, L (gal)	97.8 (25.8)	97.8 (25.8)
<b>Inlet Air</b>		
Combustion air inlet flow rate, m <sup>3</sup> /min (cfm)	67.3 (2376)	65.6 (2316)
Max. Allowable Combustion Air Inlet Temp, °C (°F)	49 (120)	49 (120)
<b>Exhaust System</b>		
Exhaust stack gas temperature, °C (°F)	452.9 (847.2)	432.9 (811.2)
Exhaust gas flow rate, m <sup>3</sup> /min (cfm)	170.7 (6028)	161 (5686)
Exhaust system backpressure (maximum allowable) kPa (in. water)	10.0 (40.0)	10.0 (40.0)
<b>Heat Rejection</b>		
Heat rejection to jacket water, kW (Btu/min)	225 (12795)	208 (11828)
Heat rejection to exhaust (total) kW (Btu/min)	714 (40604)	664 (37761)
Heat rejection to aftercooler, kW (Btu/min)	272 (15468)	253 (14387)
Heat rejection to atmosphere from engine, kW (Btu/min)	142 (8075)	123 (6995)



Emissions (Nominal) <sup>2</sup>	Standby		Prime		
NOx, mg/Nm <sup>3</sup> (g/hp-hr)	2468 (5.42)		2213 (4.91)		
CO, mg/Nm <sup>3</sup> (g/hp-hr)	100.1 (0.22)		75.6 (0.17)		
HC, mg/Nm <sup>3</sup> (g/hp-hr)	23.5 (0.06)		24.1 (0.06)		
PM, mg/Nm <sup>3</sup> (g/hp-hr)	11.7 (0.03)		10.6 (0.03)		
Alternator <sup>3</sup>					
Voltages	208V	220V	240V	480V	600V
Motor starting capability @ 30% Voltage Dip	1917 skVA	2129 skVA	2501 skVA	2512 skVA	2512 skVA
Current	2602.2 amps	2460.3 amps	2512 amps	1127.6 amps	902.1 amps
Frame Size	LC7224N	LC7224L	LC7224L	LC7224L	LC7224L
Excitation	AREP	AREP	AREP	AREP	AREP
Temperature Rise	130 °C	130 °C	130 °C	105 °C	130 °C

## WEIGHTS & DIMENSIONS



Dim "A" mm (in)	Dim "B" mm (in)	Dim "C" mm (in)	Dry Weight kg (lb)
3512 (138)	1746 (69)	2322 (92)	4863 (10721)

### APPLICABLE CODES AND STANDARDS:

AS1359, CSA C22.2 No100-04, UL142, UL489, UL869, UL2200, NFPA37, NFPA70, NFPA99, NFPA110, IBC, IEC60034-1, ISO3046, ISO8528, NEMA MG1-22, NEMA MG1-33, 2006/95/EC, 2006/42/EC, 2004/108/EC.

Note: Codes may not be available in all model configurations. Please consult your local Cat Dealer representative for availability.

**STANDBY:** Output available with varying load for the duration of the interruption of the normal source power. Average power output is 70% of the standby power rating. Typical operation is 200 hours per year, with maximum expected usage of 500 hours per year.

**PRIME:** Output available with varying load for an unlimited time. Average power output is 70% of the prime power rating. Typical peak demand is 100% of prime rated kW with 10% overload capability for emergency use for a maximum of 1 hour in 12. Overload operation cannot exceed 25 hours per year.

**RATINGS:** Ratings are based on SAE J1349 standard conditions. These ratings also apply at ISO3046 standard conditions.

### DEFINITIONS AND CONDITIONS

<sup>1</sup> For ambient and altitude capabilities consult your Cat dealer. Air flow restriction (system) is added to existing restriction from factory.

<sup>2</sup> Emissions data measurement procedures are consistent with those described in EPA CFR 40 Part 89, Subpart D & E and ISO8178-1 for measuring HC, CO, PM, NOx. Data shown is based on steady state operating conditions of 77° F, 28.42 in HG and number 2 diesel fuel with 35° API and LHV of 18,390 BTU/lb. The nominal emissions data shown is subject to instrumentation, measurement, facility and engine to engine variations. Emissions data is based on 100% load and thus cannot be used to compare to EPA regulations which use values based on a weighted cycle.

<sup>3</sup> UL 2200 listed packages may have oversized generators with a different temperature rise and motor starting characteristics. Generator temperature rise is based on a 40° C ambient per NFMA MG1-32.

## LET'S DO THE WORK.™

LEHE1772-04 (05/20)

www.Cat.com/electricpower  
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July 11, 2023

### Courthouse Generator Installation Requirements

#### General:

1. This Project shall be a design build project. The Contractor shall provide electrical design drawings for this project.
2. 2 – 4”, 1 – 1-1/4”, and 2 – 1” conduits have been laid from the east corner of small parking lot, across 2<sup>nd</sup> street, and 90 into the Quazite junction box in the sidewalk near the transformer by the Courthouse. The PVC conduit is capped off under the concrete.
3. The contractor shall extend the excavations and PVC conduits from the capped off PVC conduits in the parking lot to the new generator pad.
4. The contractor shall excavate around the Quazite box, transformer, and building as needed to place new conduits as needed for the new power and transfer switch.
5. The contractor shall provide and install a new 600-amp service entrance rated automatic transfer switch and all necessary wiring from the incoming service to the to the transfer switch, into the main building, and out to the new generator. This includes the main power wiring, block heater wiring, battery charger wiring, engine start circuit, and remote annunciator wiring. Do not run Any direct current (DC) wiring or Data Link wiring in the same conduit that contains alternating current (AC) wiring. Use only stranded wire for metering, battery charger, and control connections to any part of the engine/generator. Use proper size shielded cabling for signal wires. Use proper terminal crimp connections on wire ends.
6. The contractor shall provide design drawings and all wire sizes shall be according to the design drawings.
7. The contractor shall provide and install a new concrete pad for the new generator in the general area located on the provided Project Location Aerial Picture. The concrete pad shall be at least 2 feet wider, and 2 feet longer than the footprint of the new generator, and at least 4 inches higher than the parking lot surface. Contractor to install and stub up conduits in the new concrete pad in appropriate locations to make wiring to the new generator as easy as possible.
8. Contractor shall provide and install a new outdoor rated, enclosed, sound attenuated, painted white, Cat C7.1, 150KW, Diesel Generator. The generator shall have a UL Listed sub-base fuel tank that is large enough to run the generator under full load for 24 hours. Muffler shall be a Residential and Critical grade sound level.
9. The contractor shall land all wiring, do startups on the systems, and test the system before completion of the project. Testing to include at least a 2-hour full load test on the generator to insure proper operation. During, or after testing, training on the new systems will be provided to Facilities Management.
10. After the full load test has been completed, and training has been given, Contractor shall schedule a transfer and retransfer with Facilities Management to ensure that the systems are working properly.
11. Contractor shall fill the diesel fuel tank with off road, non-bio, and winterized diesel fuel.
12. All connections to the engine/generator must be flexible, fuel and electrical.
13. The new generator shall have a factory installed battery charger.
14. Connections are made on terminal strips inside the generator housing unless otherwise noted.

15. Bid Price to include a Platinum Plus 5 year or 2500 hour extended service coverage plan.
16. Fabick Cat contact is Chris Zahari, 636-680-1402, [Christopher.zahari@fabickcat.com](mailto:Christopher.zahari@fabickcat.com)

The following bullet points refer to the attached aerial of the proposed generator locations, which is not to scale:

1. (Included In Administration Building Generator) The red line across the lower middle indicates removal of the concrete curb.
2. (Included in Administration Building Generator) The green rectangle indicates removal of the mulch, and then pour back with concrete that transitions from both of the parking lots. New concrete shall be pinned with rebar to the existing concrete. The new flat work concrete shall be 4" thick with a brushed finish. Provide saw cuts as needed. Seal saw cuts with caulk or tar.
3. The Red rectangle is the proposed location for the Courthouse Generator and concrete pad for the generator. Contractor to cut out the concrete and trench a path to extend the conduits across the parking lot to the new generator pad. Once conduits are installed, back fill with 1" clean rock, then pour back the concrete. Thickness shall match existing which is 6" thick and will be pinned to the existing concrete. Seal joints with caulk or tar.
4. (Included in Administration Building Generator) The orange lines around the perimeter of the site are for the new chain link fence. Provide and install an 8-foot-tall chain link fence with 3 strands of barbed wire at the top to match the existing fence. The purple lines are for 2, 4-foot-wide chain link fence gates to make an 8-foot-wide opening on either side.

The following bullet points refer to the attached Google Map with the red lines on it, which is not to scale:

1. The red solid lines on the aerial show the approximate location of the conduits that are in place underground.
2. The conduits terminate in the Quazite boxes that are in the sidewalk next to the respective buildings.
3. At the other end of the solid lines the conduits are capped off under the concrete.
4. The red hash lines are the proposed extensions of the conduit to the proposed locations of the new generators.

# Cat® C7.1 DIESEL GENERATOR SETS



**Standby & Prime: 60 Hz, 480V**



Engine Model	Cat® C7.1 In-line 6, 4-cycle diesel
Bore x Stroke	105mm x 127mm (4.1in x 5.0 in)
Displacement	7.01 L (428 in³)
Compression Ratio	16.7:1
Aspiration	Turbocharged Air-to-Air-Aftercooled
Fuel Injection System	Electronic, Common Rail

Standby	Prime	Performance Strategy
<b>150 ekW</b>	<b>135 ekW</b>	<b>EPA TIER III</b>

## PACKAGE PERFORMANCE

Performance	Standby		Prime	
Genset power rating	187.5 kVA		168.8 kVA	
Genset power rating with fan @ 0.8 power factor	150 ekW		135 ekW	
Performance number	P4390A-00		P4390C-00	
<b>Fuel Consumption</b>				
100% Load with fan	43.0 L/hr	11.3 g/hr	40.0 L/hr	10.6 g/hr
75% Load with fan	34.9 L/hr	9.2 g/hr	32.1 L/hr	8.5 g/hr
50% Load with fan	25.0 L/hr	6.6 g/hr	22.9 L/hr	6.0 g/hr
<b>Cooling System¹</b>				
Radiator air flow restriction (system)	0.12 kPa	0.48 in Water	0.12 kPa	0.48 in Water
Engine coolant capacity	9.5 L	2.5 gal	9.5 L	2.5 gal
Radiator coolant capacity	11.5 L	3.0 gal	11.5 L	3.0 gal
Total coolant capacity	21 L	5.5 gal	21 L	5.5 gal
<b>Inlet Air</b>				
Combustion air inlet flow rate	15.3 m³/min	540.3 cfm	14.9 m³/min	526.2 cfm
Max. allowable combustion air inlet temp	51°C, 124°F			
<b>Exhaust System</b>				
Exhaust stack gas temperature	441°C	825°F	432°C	809°F
Exhaust gas flow rate	31.2 m³/min	1102 cfm	30.6 m³/min	1081 cfm
Exhaust system backpressure (maximum allowable)	15.0 kPa	60.2 in water	15.0 kPa	60.2 in water
Exhaust flange size (internal diameter)	89.0 mm	3.5 in	89.0 mm	3.5 in
<b>Heat Rejection</b>				
Heat rejection to Coolant (total)	77.0 kW	4368 Btu/min	69.0 kW	3918 Btu/min
Heat rejection to Exhaust (total)	132.0 kW	7496 Btu/min	126.0 kW	7166 Btu/min
Heat rejection to Aftercooler	38.0 kW	2138 Btu/min	35.0 kW	2013 Btu/min
Heat rejection to Atmosphere from Engine	29.0 kW	1649 Btu/min	27.4 kW	1558 Btu/min
Heat rejection from Alternator	10.8 kW	614.2 Btu/min	9.5 kW	540.3 Btu/min
<b>Lube System</b>				
Sump refill with Filter	17.5 L	4.6 gal	17.5 L	4.6 gal



Emissions (Nominal) <sup>2</sup>	Standby		Prime	
NOx + HC	4.0 g/kW-hr		4.0 g/kW-hr	
CO	1.0 g/kW-hr		1.0 g/kW-hr	
PM	0.2 g/kW-hr		0.2 g/kW-hr	
Alternator <sup>3</sup>				
Voltages	480V		480V	
Motor starting capability @ 30% Voltage Dip	452 skVA		452 skVA	
Frame Size	LC3114J		LC3114J	
Excitation	Self Excited		Self Excited	
Temperature Rise	130°C	234°F	105°C	189°F

## DEFINITIONS AND CONDITIONS

<sup>1</sup> For ambient and altitude capabilities consult your Cat dealer. Air flow restriction (system) is added to existing restriction from factory.

<sup>2</sup> The nominal emissions data shown is subject to instrumentation, measurement, facility and engine to engine variations. Emissions data is based on 100% Prime load. This information should not be used for permitting purposes and is subject to change without notice. Contact your Caterpillar dealer for further details.

<sup>3</sup> Generator temperature rise is based on a 40°C (104°F) ambient per NEMA MG1-32

## APPLICABLE CODES AND STANDARDS:

AS1359, CSA C22.2 No 100-04, UL142, UL489, UL601, UL869, UL2200, NFPA 37, NFPA 70, NFPA 99, NFPA 110, IBC, IEC60034-1, ISO3046, ISO8528, NEMA MG 1-22, NEMA MG 1-33, 72/23/EEC, 98/37/EC, 2004/108/EC.

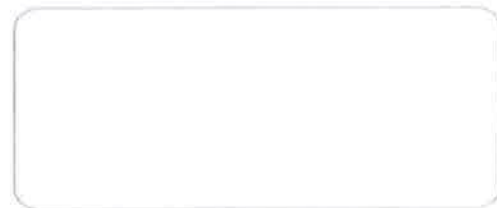
**PRIME:** Output available with varying load for an unlimited time. Average power output is 70% of the prime power rating. Typical peak demand is 100% of prime rated kW with 10% overload capability for emergency use for a maximum of 1 hour in 12. Overload operation cannot exceed 25 hours per year.

**STANDBY:** Output available with varying load for the duration of the interruption of the normal source power. Average power output is 70% of the standby power rating. Typical operation is 200 hours per year, with maximum expected usage of 500 hours per year.

**Ratings** are based on SAE J1349 standard conditions. These ratings also apply at ISO3046 standard conditions.

Fuel Rates are based on fuel oil to specification EPA 2D 89.330-96 with a density of 0.845 – 0.850 kg/L (7.052 – 7.094 lbs/U.S. gal.) @ 15°C (59°F) and fuel inlet temperature 40°C (104°F). Additional ratings may be available for specific customer requirements, contact your Cat representative for details.

LEHE1583-00 (03/18)



## BUILT FOR IT.™





Proposed New Admin Gen

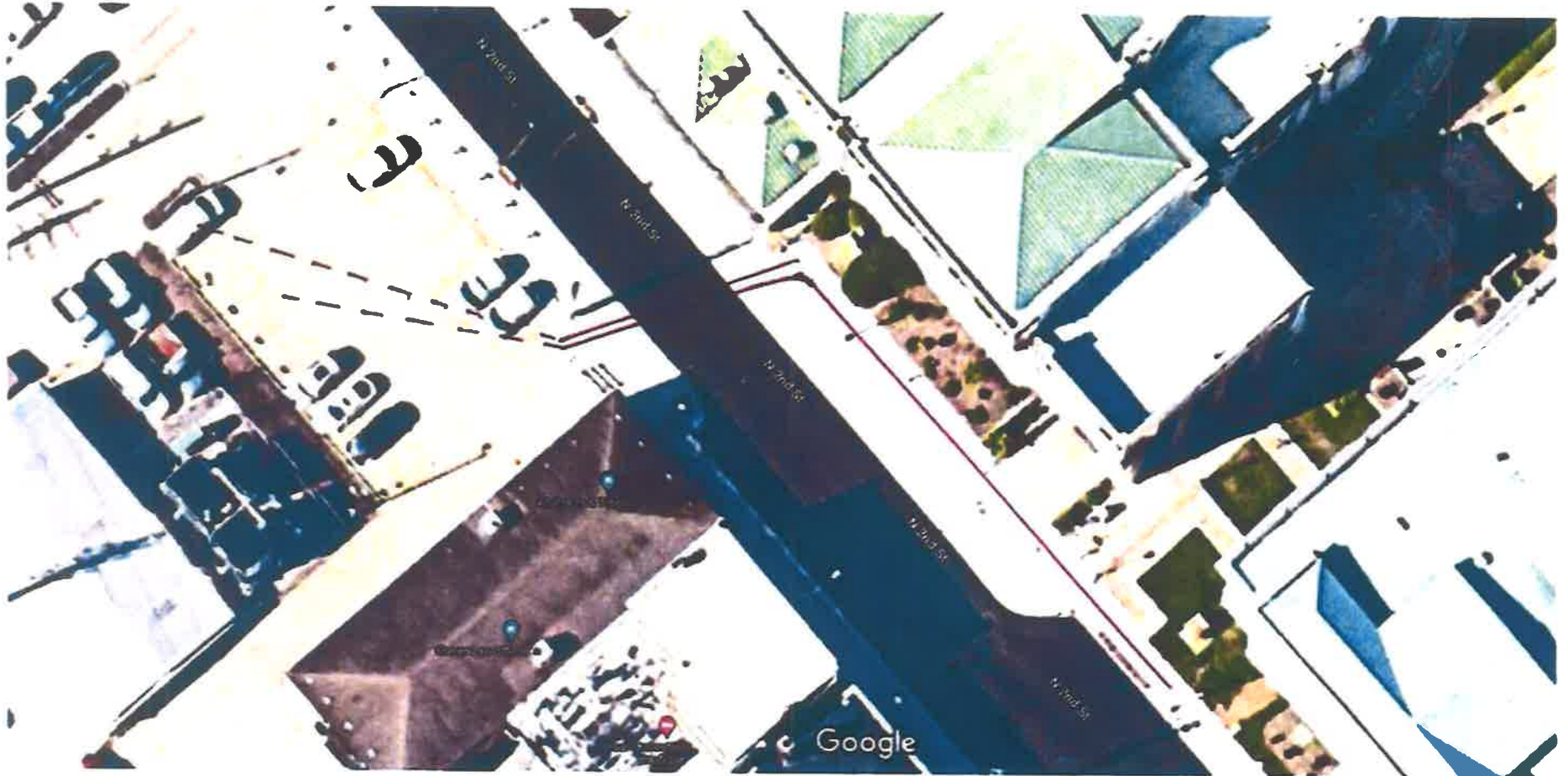
Proposed New Chain Link Fence Gate

Proposed New CH Gen

Proposed New Chain Link Fence

nd St

Google Maps



Map data ©2023 , Map data ©2023 20 ft

July 11, 2023

**Jail Generator Addition to the Emergency Power Circuitry Requirements**

**General Scope of Work:**

1. Extend concrete equipment pad to the left of the existing MDP. Size according to the new 3000-amp section base.
2. Provide and install 1 new Eaton Pow-R-Line PRL-C Switchboard, 3000-amp section to the left of the existing MDP. Provide and install a new 1200-amp breaker in the new 3000-amp MDP section to feed the new replacement 1200-amp transfer switch (ATS-EQ). Remove the feed wiring and 200-amp breaker for ATS-LS and reinstall in the new MDP. Remove the feed wiring and 200-amp breaker for ATS-LR and reinstall in the new MDP. Blank off both of the old breaker slots in the old MDP. Name the new 3000-amp section MDP.
3. Replace the existing ASCO ATS-EQ 600-amp transfer switch with a new ASCO 1200-amp transfer switch. Still will be named ATS-EQ.
4. Add two sets of (4) 350kcmil and (4) 3/0 routed along the two existing sets routed from MDP to ATS-EQ.
5. Separate the existing MDP bus from the distribution section. This section will be renamed HDPE-EQ.
6. Terminate new conductors routed from ATS-EQ load terminals to the disconnected MDP (HDPE-EQ) Distribution section. Total of 4 sets of (4)350kcmil and (4)3/0 that are routed on the cable tray above.
7. Interested Contractors shall contact Facilities Management for reference Drawing E5-01. Contact Facilities Management at [kmggeschwend@madisoncountyil.gov](mailto:kmggeschwend@madisoncountyil.gov) for the drawing.
8. The contractor shall coordinate with Facilities and the Jail for scheduled down times. Contractor shall develop a plan of action that will minimize Jail down times. Facilities has a proposed plan to temporarily repower panels HDPLS-1 and HDPE-1 with portable generators that the County owns. These two panels are fed from the MDP and transfer switches ATS-EQ and ATS-LS. This would allow all current emergency power for the Jail to remain on during phases of the rework of the switchgear and transfer switch replacement.
9. If it is decided to use the County's portable generators the County will be responsible for delivery of the generators and for the fuel for the generators. The contractor shall supply the needed supplies to connect the generators to the power panels. Once Contractor is done using the portable generators, Contractor shall disconnect the temporary supplies used and said supplies will become County property once the project is completed.
10. Contractor shall have ASCO start up and program the new transfer switch. ASCO shall provide training on the new transfer switch to Facilities Management during start-up.
11. Once all physical work and start-ups have been complete, Contractor shall schedule a full transfer and re-transfer test of the replacement transfer switch with Facilities Management and the Jail to ensure proper operation.

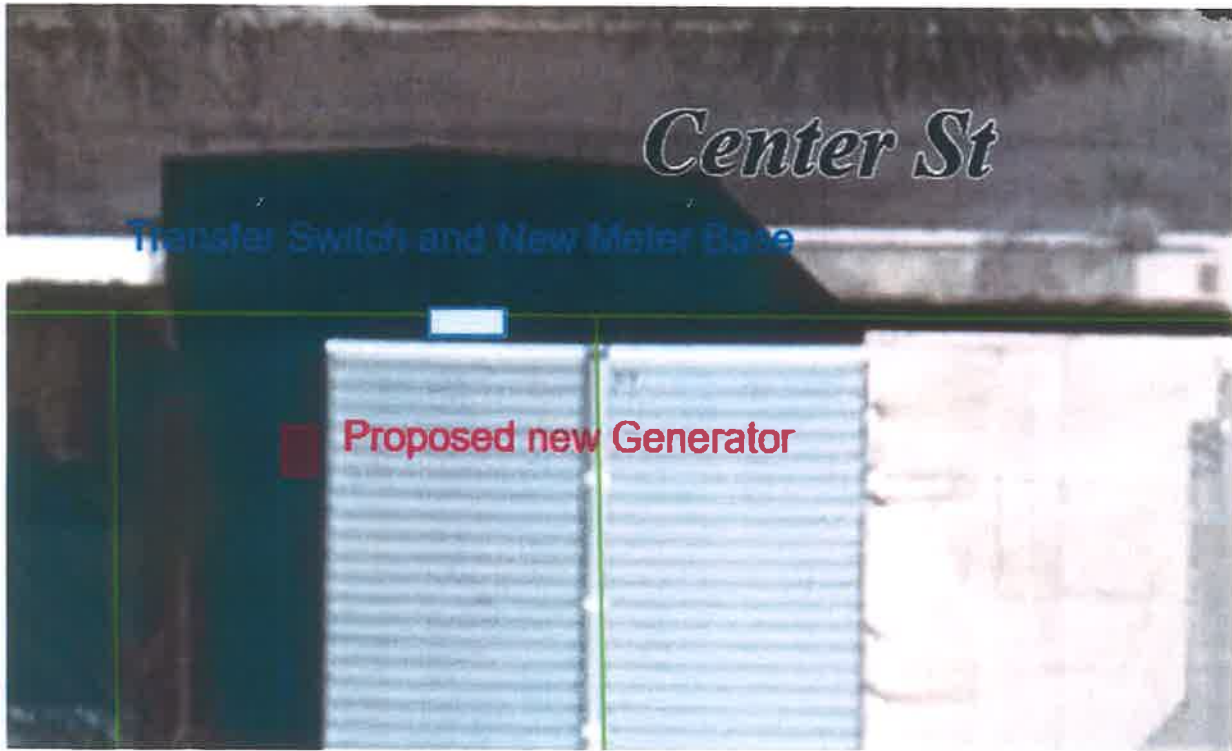


July 12, 2023

### EMA Garage Generator Installation Requirements

#### General Scope of Work:

1. Contractor to provide and set a new composite pad just north of the concrete walk pad on the northwest walk-in door. Facilities Management will provide graded rock to set the pad on.
2. Provide and set a new 20KW Natural gas generator and mount on the composite pad.
3. The contractor shall provide and install a new 200-amp service rated transfer switch on the exterior north wall of the building near the meter. Installation to include re-working the existing wiring to allow for the transfer switch installation.
4. Contractor shall provide and replace the existing meter to an Ameren approved lever bypass meter base.
5. The contractor shall install new conduits along the foundation wall from the new generator to the new transfer switch. Conduits shall include main power wiring, control wiring, and circuit for the battery charger.
6. The contractor shall provide and install natural gas piping sized appropriately from the gas meter just north of the new generator to the new generator. Gas piping to include an isolation valve, dirt-leg, regulator if needed, and enough pressure to run the generator.
7. Once all work has been complete, and startup of the new generator has been done, Contractor shall schedule a 2-hour full load test for the new generator to ensure the new generator is running properly.
8. After the full load test has been completed Contractor shall schedule a transfer and retransfer with Facilities Management to ensure all systems are working. The contractor shall also provide training on the new system while doing the transfer and retransfer.
9. Normal work hours (7am – 3:30 pm) are acceptable for this project with coordination with Facilities Management and the Sheriff's Department.



*Center St*

Transfer Switch and New Meter Base



Proposed new Generator