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March 17th, 2023

Mr. Ron J. Pritzlaff, P.E.
City of Racine Department of Public Works
730 Washington Avenue
Racine, WI 53403

SUBJECT: City of Racine Generator Replacement Design

Dear Mr. Pritzlaff:

We are very pleased to provide you with this proposal for professional services. When accepted, this proposal will become the formal Agreement between Graef-USA Inc. (GRAEF) and City of Racine Department of Public Works (Client).

This proposal is for City of Racine Safety Building Generator Replacement (Project). It is subject to GRAEF's Standard Terms and Conditions, a copy of which is attached and incorporated by reference.

It is our understanding that the nature of the Project is to replace the existing indoor generator serving multiple buildings, including replacement of existing transfer switch, and other components associated with the existing generator system.

The replacement generator system shall consist of exterior installed, diesel fuel generator, and required components for a complete system sized for current capacity and additional loads to be agreed upon and specified during the design phase. System will consist of multiple transfer switches (for emergency and optional loads), and code required separation of other generator loads and system components. Electrical design assumes existing power panels in space will be reused for existing and new loads and circuits, and additional panels designed and specified for separation of emergency and optional backup generator loads in multiple buildings.

For this Project, GRAEF proposes to provide the following Basic Services:

- Provide four site visits: Two pre-design and two post-construction.
- Participate in workshop/meeting with Client staff to determine existing and potential added generator loads.
- Provide electrical demolition drawings for the removal of existing generator, transfer switch, and associated components.
- Evaluation of existing generator system, transfer switch, and electrical panels, and code review of requirements for system revisions.
- Produce electrical drawings, details, technical specifications for the replacement generator system, transfer switches, and associated panels and components.
- Structural evaluation of proposed above grade concrete parking area for installation of new generator.
- Participate in virtual meetings during design phase.
- Submit plans to authority having jurisdiction.



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- Participate in pre-bid meeting.
- Shop drawing review, RFI response, and final punch list.
- Review contractor pay applications and change orders.
- Coordinate close out documentation including record drawings prepared by contractor and operation and maintenance manuals prepared by contractor.

GRAEF will endeavor to perform the Basic Services in accordance with a mutually agreed-upon schedule. It is our assumption the design phase will last for a duration of (3) months, and the construction phase will last for (4) months (following any equipment lead time and delivery).

GRAEF can provide the following Additional Services for additional compensation as detailed below:

- Site Visits in addition to those provided under Basic Services.
- Design alternatives or additional options after a concept has been agreed upon between GRAEF and the Client.
- Evaluate value engineered options after construction document completion.
- Design for modifications to existing electrical service such as replacement or increase in capacity.
- Cost estimating.
- Structural design for reinforcement of above grade structure to support generator.

It is our understanding that you will provide the following services, items and/or information:

- Drawings in PDF or CAD format of the Safety Building, City Hall, Central Heating Plant, and/or any other areas with panels/equipment served by the existing generator system.
- Building access for site visits.

You agree to compensate GRAEF for all Basic Services noted above a lump sum as follows:

Design Phase	\$33,400
Construction Phase	\$18,200

Mileage will be billed at the federal rate at the time incurred. Other Direct Expenses will be billed at cost and are in addition to the fee quoted above. Direct Expenses include mileage, travel expenses, printing and reproduction, delivery charges, and plan review fees. Direct expenses are estimated to be \$1,500.

You agree to compensate GRAEF for any Additional Services with an additional fee to be negotiated at a later date.



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To accept this proposal, please sign and date below and return one copy to us. Upon written authorization, GRAEF will commence work on the project.

We look forward to working with you on this exciting project. Please call us at 414-266-9297 if you have any questions regarding this proposal.

Sincerely,

Graef-USA Inc.

**Accepted by:
Ron J. Pritzlaff, P.E.**

David Krajnak, P.E.
Sr. Electrical Engineer, Project Manager

(Signature)

Jason Gerke, P.E., CxA, LEED AP BD+C
MEP Group Leader | Principal

(Name Printed)

(Title)

(Date)