# CITY OF WEST ALLIS AMENDED WORK ORDER #7

# TO: **DONOHUE & ASSOCIATES, INC.**

DATE: September 8, 2021

# PROJECT: ENGINEERING DESIGN SERVICES FOR POLICE AND MUNICIPAL COURT CENTER GENERATOR

SUBJECT: Engineering Consultant Services

In accordance with Resolution 2021-0506 and Resolution 2019-0565 and the Agreement for Professional Services dated as of November 13, 2015 (the "Agreement"), you are directed to proceed with work on the Project as outlined below:

Work: See attached Scope of Services dated August 23, 2021.

Estimate: \$ 31,000.00

Schedule: Work to commence immediately. To be completed as part of the Basic Services under the Agreement.

This Work Order, including any attachments, is incorporated into the Agreement. All work defined in this Work Order and payment therefor shall be performed in accordance with the terms and conditions of the Agreement, unless otherwise modified herein. Any modification(s) of this Work Order is subject to approval and acceptance pursuant to the Agreement.

Issued:

CITY OF WEST ALLIS

By: Daniels, P.E.

Title: City Engineer

2/0/21 Date:

ATTACHMENTS: Scope of Services Received and Approved:

DONOHUE & ASSOCIATES, INC.

Michael Stohl Bv

Title: \_\_\_\_Vice President \_\_\_\_\_

Date: September 9, 2021

#### COMPTROLLER'S CERTIFICATE

Countersigned this <u>28th</u> day of September, 2021 and I certify that the necessary funds have been provided to pay the liability that may be incurred by the City of West Allis under this Contract.

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Jason Kaczmarek, Director of Finance/Comptroller



August 23, 2021

Mr. Peter Daniels City Engineer City of West Allis 7525 W Greenfield Avenue West Allis, WI 53214

Re: Police Station Generator Replacement Design

Dear Mr. Daniels:

We greatly appreciate the opportunity to present this proposal to perform consulting services for you to design the generator replacement at the City's Police Station.

Donohue understands that the existing trailer mounted generator (manual intervention required) and fixed natural gas (age) generator have become unreliable for differing reasons. The existing backup power supply requires improvement. Donohue has extensive generator design experience as demonstrated in the map to the right.

The facility's main power is fed from W.E. Energies via a padmount transformer located on the back side of building. Power is transformed to 480 volt and terminates in a switchboard assembly within the building. The assembly contains a main section with a bolted switch that is key interlocked with a power circuit breaker for the trailer generator. The natural gas generator connects to two separate disconnects and transfer switches for life safety equipment.

Scope assumes that the life safety arrangement remains as it, the original facility

Donohue's Generator Experience Western Lake Marquette Kinross Superior SD 50 100 100 kW (2) 100 kW Superior kW (3) St. Cloud 850 kW 600 kW 1.500 633 (2) Wausau kW kW kW (2) 600 kW (2) 600 kW (2) 1750 kW 300 100 kW kW 180 Stevens Point 250 kW Eau Claire New Holstein Willmar kW 100 **Bush Brothers** 633 300 kW 150 Appleton 700 kW kW kW 1,000 kW Fond du Lac kW 125 Faribault 60 (2) 1.750 Sheboygan kW kW 400 Brookfield kW Fountain City kW MMSD West Allis 250 (4) Hillsdale (2) 100 kW 925 kW 330 Kenosha kW (2) 30 kW 150 kW kW kW 100 kW 1500 kW 100TkW Decatur 450 Beloit Middlebury kW 450 kW 1500 250 750 175 kW Auburn 100 ILAWC kW kW Joliet kW kW 30 175 kW 250 kW Reading 130 2,000 kW kW IDOT kW Lake 125 Fisher 100 County Fort Wayne kW 150 kW IDOT 400 kW kW Milford 750 kW 2 MW (2) 250 Greenfield Gibson kW Peoria 1000 kW Rushville IDOT Chatham 600 kW New Haven 60 (2) 2250 kW kW 500 500 kW East 1000 kW East (2) St. Louis 1,750 kW kW O'Fallon Evansville St. Charles Nat. Dual Bio-Diesel Gas Fuel gas

geotechnical report will be provide and detail suitable soil conditions, site survey is not required [aerial imagery will be utilized], controls will consist of a start/stop signal from ATS to generator and remote annunciator, the new generator will have a diesel engine and be located outdoors in a weather protected enclosure, the switchboard assembly will not be modified, and the new transfer switch will be service entrance rated and located outdoors.

#### **Scope of Services**

Donohue will provide the following services:

#### Data Review and Recommendations

- Attend kick-off meeting at facility (intent is City Electrical Inspector will be present)
- Review the provided facility electric bills
- Review the power supply from WE Energies and size generator
- Determine open versus closed transition transfer scheme
- Determine location of new generator and transfer switch

#### **Design and Bidding**

- Prepare contract documents (drawings and specifications)
- Attend 50% review meeting to discuss the preliminary design concepts
- Utilize City provided front end specifications
- Prepare engineer's opinion of probable construction cost
- Prepare reviewable bidding documents
- Attend 90% review meeting to discuss the bidding documents
- Incorporate mutually agreed to comments and finalize the bidding documents
- Attend pre-bid meeting
- Answer bidding questions
- Attend bid opening
- Develop bid tabulation
- Provide letter of recommendation

### Project Timing

Donohue will deliver reviewable bidding documents within sixteen (16) weeks following the Kick-off Meeting.

### **Compensation**

Compensation for the work as defined in the Scope of Services of this proposal shall be in accordance with Donohue's standard chargeout rates in effect at the time the Services are performed. The total cost for these basic Services will not exceed the amounts below without prior written approval from City.

Total

\$31,000

We look forward to collaborating on this project.

Sincerely,

Michael Stohl

Michael Stohl, PE, Project Manager 920.803.7345