



Division of Finance and Business Operations

Procurement & Strategic Sourcing
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November 26, 2014

**Addendum #3 To
Request for Proposal
For Electrical Reliability Upgrades – Bid Package #2:
Project 050-245285 (Shapero Hall), 629-245283 (Elliman Building)**

We will require two copies each of your lump sum proposals, vendor qualification questionnaire and your bid bond documents.

Please find the following question and clarification per the above RFP. This question is a carry-over from question 2 of Addendum 2. Please find the question and answer below.

Question : Please provide fault current availability at the existing DTE manhole. This figure is necessary to determine fusing inside the lineup.

Answer: WSU was waiting on a response from DTE, please find the DTE Response attached.

All questions concerning this project must be emailed to: **Robert Kuhn**, Sr. Buyer, Procurement & Strategic Sourcing. Email: ac6243@wayne.edu, and copy **Robin Ellis - Watkins**, Sr. Buyer, at ag5343@wayne.edu.

Do not contact either FP&M or the Design Firm directly as this may result in disqualification of your proposal.

Thank you for interest shown in working with Wayne State University.

Robert Kuhn
Sr. Buyer

CC: Bill McVea (Project Manager), Thomas Edwards, Randy Paquette, Robin Ellis - Watkins, ,
Attendee list.

Detroit Edison**MAS-Governmental & Institutions**

Date: October 9, 2014,
To: Larry Fodor, Wayne State University
From: Thomasina Allen, DTE Energy
Subject: **WSU –Elliman Generator Placement**

This memo is in response to Wayne State University's request for DTE Electric Engineering to review four one-line design options for electric design installation of a primary voltage 13.2 kVA diesel emergency generator to be installed in the greenbelt to the north of the Elliman building located at 421 E. Canfield St., Detroit, MI. 48206

DTE Electric Engineering met with WSU on September 29, 2014 and determined that the generator installment using electric configuration **option #4** would not impact existing DTE Electric infrastructure.

Method of Service

The load of 350KVA will be served from the Garfield Substation AC Network in the vicinity of Netbank transformers labeled as:

Netbank 1190
Netbank 1191
Netbank 1192
Netbank 1193

Cost to Service

Therefore there is no customer cost associated with the system portion of the work.

This cost does not include any Service Planning charges to upgrade service cables.
Wayne State University must contact DTE Electric for support to upgrade service cables.

Operating Limits for Garfield Network Area at 5447 Woodward

The operating limits for this customer will be as follows:

Rate of Occurrence	Allowable kVA In-Rush, 3ø, 40% P.F.	Voltage Drop 120 V Base	
		Garfield 4.8 kV Bus	To Customer*
Infrequent	762	0.13	2.0
Frequent	381	0.07	1.0
Very Frequent	254	0.04	0.67

* - System limit

Fault Contribution

The X/R ratio for the power line is 1.96. Detroit Edison's contribution to a fault at the customer's service point is 42,189 Amps at 208V, or 15 MVA three-phase symmetrical. The ultimate fault could be as high as 250 MVA in the future.

The information provided in this memo is valid for six months. If you have any questions, please contact me on 313-235-4484.

Lead Time

The information provided in this memo is valid for six months. If you have any questions, please contact me on 235-4132.