

Request for Quotation
19-27 Greenfield DPW Yard Facility Electrical Panel Upgrade Project

Quotes are due by Friday, March 22, 2019 @ 2:00 p.m.

The Central Maintenance Department for the City of Greenfield is soliciting bids to upgrade many of the aging electrical panels and disconnects, along with the 400 amp incoming service disconnect, at the DPW Yard Facility at 209 Wells Street. A detailed list of these panels and disconnects are listed in Attachment A.

The contract number is 19-27.

A mandatory site visit is scheduled for Monday, March 11, 2019 at 10:00 a.m. at the DPW Yard located at 209 Wells Street, Greenfield, MA.

A Payment Bond of 50% of the amount of the contract will be required from the successful bidder.

Attention is called to the following:

- A. Bids for this project are subject to the provisions of the Massachusetts General Laws Chapter 30, Section 39M as amended.
- B. Wages are subject to Massachusetts minimum wage rates as per M.G.L. Chapter 149, Section 26 to 27H inclusive.
- C. All pertinent regulations ordinances and statutes of the City of Greenfield, the State of Massachusetts will be rigidly enforced.
- D. The successful bidder must comply with Chapter 151B as amended, of the Massachusetts General Laws and with the provisions of Executive Order no 74, as amended by Executive Order No. 116 dated May 1, 1975 pertaining to Equal Opportunity Anti-discrimination and Affirmative Action.

Quotes must be mailed or hand delivered to:

Office of the Mayor
City of Greenfield/Procurement
14 Court Square, Room 201
Greenfield, MA 01301

Electronic submissions will not be considered.

SCOPE OF SERVICES

The goal of this project is to achieve the following:

INCOMING SERVICE ELECTRICAL AREA

- Replace the 400 amp incoming service disconnect as well as 7 separate disconnects with appropriately rated circuit breakers incorporated into a new load panel.
- Consolidate 2 load panels (F and I) into one new panel.

NORTH WING

- Replace 4 existing subpanels (F1, D1, D2, D4) with 3 new subpanels

CENTER BUILDING

- Replace 2 aging disconnects with new disconnects (Boiler Room area)
- Replace 3 subpanels (A, C1, H) with 3 new panels.

SOUTH WING

- Replace three existing subpanels (C2, C3, C4) with 2 new subpanels.

SECOND FLOOR

- Replace one subpanel (K) with one new panel.

CONTRACTOR RESPONSIBILITIES

1. The intent of this project is to replace and consolidate many of the electrical panels and disconnects with modern equipment in order to improve the reliability and safety of the electrical system at this facility. The contractor will be responsible supplying and installing all commercial grade components, wiring, conduit, etc to complete this project. All load panels and disconnects are to be manufactured by Eaton Electrical.
2. Existing panels have been labeled to the best of our ability as to what each circuit breaker and disconnect control. The Contractor will transpose this information to the new panel directory or disconnect in a printed form. If it is unknown what a live circuit breaker controls, the associated directory line should be left blank. The Contractor is not responsible for tracing and identifying unknown circuits.
3. The Contractor will remove any abandoned wire that is found in a panel back to the first junction box or to the item itself, whichever comes first.
4. As part of the quote submittal, the Contractor will provide a schedule showing date, location, and duration of any power outage in an area. Any outage that disrupts the normal operations of the facility must be done on a weekend. However, temporary power interruptions in isolated areas that do not affect the facility as a whole can be carried out during normal weekday hours.
5. The Contractor will be responsible for coordinating any service outages to the facility with Eversource.

ATTACHMENT A

EXISTING SERVICE			UPGRADE
INCOMING SERVICE AREA			
DISCONNECTS			
LABEL	AMP RATING	FUSE SIZE/PHASE	
Main	400	300/3	Combine into one load panel rated for 400 amps containing 30 spaces
Welder	100	100/1	
H	100	100/3	
K	100	90/1	
C	100	100/3	
D	100	100/3	
A	200	200/3	
B	100	100/3	
PANELS			
LABEL	AMP RATING	# OF SLOTS	
I	100	14	Combine into one load panel rated for 200 amps containing 42 spaces
F	125	32	
NORTH WING			
PANELS			
LABEL	AMP RATING	# OF SLOTS	
D1	100	14	Combine into one panel rated 100 amps containing 24 spaces
F1	100	10	
D2	100	8	100 amp panel containing 8 spaces
D4	50	12	100 amp panel containing 16 spaces
CENTER BUILDING			
DISCONNECTS			
LABEL	AMP RATING	FUSE SIZE/PHASE	
Boiler	100	70/3	Replace with equal
Welder	100	60/1	Replace with equal
PANELS			
LABEL	AMP RATING	# OF SLOTS	
A	200	42	200 amp containing 60 spaces
C1	100	8	100 amp panel containing 10 spaces
H	60	18	100 amp panel containing 24 spaces
SOUTH WING			
PANELS			
LABEL	AMP RATING	# OF SLOTS	
C2	100	20	100 amp panel containing 20 spaces
C3	100	8	Combine into one panel rated at 200 amps containing 30 spaces
C4	150	18	
SECOND FLOOR			
PANELS			
LABEL	AMP RATING	# OF SLOTS	
K	100	8	100 amp panel containing 10 spaces

Quotation Form

19-27 Greenfield DPW Yard Facility Electrical Panel Upgrade Project

Incoming Service Area	\$ _____
North Wing	\$ _____
Center Building	\$ _____
South Wing	\$ _____
Second Floor	\$ _____
TOTAL	\$ _____

Quotation Submitted by:

Date: _____

Name: _____

Title: _____

Company Name: _____

Address: _____

City/State/Zip: _____

Authorized Signature: _____

Contact Phone No: _____

Email Address: _____