

CITY OF BATAVIA

DATE: March 21, 2013
TO: Public Utilities Committee
FROM: Steven Allen, Senior Project Engineer
SUBJECT: Resolution 13-50-R Authorizing Change Order #1, Installation of Control Cable, to the Cherry Park Substation Project

Summary: The City of Batavia Electric Utility will be rebuilding the Cherry Park substation during the Spring of 2013. With this rebuild control cable is to be installed in the conduits between the new control building and the equipment in the yard.

Background: The subgrade construction and conduit installation was awarded to Michels Power in February. Construction is currently on schedule. Once the conduits are installed control cable must be pulled in to provide the signals between the devices in the yard of the substation and the protective relaying and SCADA in the control building. Since the new building is not in the same location as the existing building all cable must be new runs.

Electric Utility Staff sought quotations for the control cable installation and after review the most acceptable quote was Michels Power of Neenah, WI, which is the current contractor on site. They will pull all of the cable into conduits, and terminate the cable at the equipment in the yard and the panels inside the control building. Michels Power is able to furnish the control cable with lead times shorter and less expensive than our vendors. They are also able to take advantage of already being on site with personnel available to continue working straight through to pull cable after the conduit is installed. Other quotations that were received were unable to meet the construction schedule and were higher in cost.

Staff is recommending that Change Order #1 in the amount not to exceed \$57,000 be granted to Michels Power with the terms of the contract approved in Resolution 13-32-R in full force, to provide the material and labor to install and terminate the control cable for the Cherry Park substation rebuilding project. The engineering estimate range of the cost of the cable pulling and termination work is between \$65,000 and \$95,000. The cost of this work is included in the already approved 2013 budgeted dollars for the Cherry Park project.

Staff recommendations:

- Recommend Public Utilities Committee and City Council approve Resolution 13-50-R Authorizing Change order #1, installation of control cable, to the Cherry Park Substation Project

Attachment:

1. Michels Power Change Order #1

ATTACHMENT #1



MICHELS POWER A DIVISION OF
MICHELS CORPORATION
Contract Change Order Request

No. 1

CONTRACTOR: MICHELS POWER
1775 E. Shady Lane
Neenah, WI 54956
Phone: 920.720.5200
FAX: 920.720.5214
ATTN: Andrew Schmitz

OWNER: City of Batavia Electric Municipality

Address: 1401 Larkspur Lane
Batavia, IL

Phone: 1-630-669-5090

FAX: 1-630-454-2351

ATTN: Steve Allen

Owner Project No.: _____

Michels Project No.: 37269

This Effective Date: 3/18/13

DESCRIPTION OF CHANGE ORDER REQUEST

Michels Power is submitting this change order to perform additional scope items of wire pulling and cable terminations for the Cherry Park Subgrade construction. Michels power will furnish and install the following:

- 2C#10-2000'
- 7C#14-2000'
- 4C#8-2000'
- 4C#10-1000'
- 4C#14-1000'
- 62.5UF Multitmode fiber-1000'
- 1" Inner Duct-850'
- Terminations-600

Michels did not include terminating fiber optic cabling. Michels did not include single runs of "odd" cabling, owner to route and terminate as previously discussed. The multi-conductor wire specified is a non-stock item, lead time for this wire will be 2 weeks. Installation time will be approximately 2 weeks. If any changes occur they will be handled on a T&M basis.

Applicable backup is attached to explain price, scope and/or schedule change.

Approval below will serve as a Notice to Proceed with the above-detailed work.

Change Order Price: \$57,000

CONTRACTOR: _____ Michels Power _____

OWNER _____

Authorized Signature: _____

Authorized Signature: _____

Print Name: _____ Andrew Schmitz _____

Print Name: _____

Print Title: _____ Project Manager _____ Date: _____ 3-18-13 _____

Print Title: _____ Date: _____

**CITY OF BATAVIA, ILLINOIS
RESOLUTION 13-50-R**

**AUTHORIZING CHANGE ORDER #1, INSTALLATION OF CONTROL CABLE,
TO THE CHERRY PARK SUBSTATION PROJECT**

WHEREAS, the City of Batavia owns and operates an electric utility whereby it purchases wholesale power and resells same to its citizens; and

WHEREAS, the City of Batavia Municipal Electric Utility will be upgrading the Cherry Park Substation in 2013; and

WHEREAS, the City of Batavia Municipal Electric Utility requires that control cable be installed and terminated at the yard apparatus and in the new control building; and

WHEREAS, it has been determined that Michels Power has submitted a responsible quotation for a Change Order to the existing contract under Resolution 13-32-R and further, that Michels Power has the experience and qualifications necessary to provide the work in a satisfactory and safe manner; and

WHEREAS, it is in the best interests of the City of Batavia that the Change Order #1 from Michels Power be accepted, with the full terms and conditions of the contract approved under Resolution 13-32-R in force; and

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and City Council of the City of Batavia, Kane and DuPage Counties, Illinois, as follows:

SECTION 1: That the Mayor and City Clerk are hereby authorized to execute Change Order #1 with Michels Power for the installation and termination of control cables for the Cherry Park Substation in the amount of \$57,000.00 – said Change Order#1 being attached hereto as Exhibit #1.

CITY OF BATAVIA, ILLINOIS RESOLUTION 13-50-R

PRESENTED to and **PASSED** by the City Council of the City of Batavia, Illinois, this 1st day of April, 2013.

APPROVED by me as Mayor of said City of Batavia, Illinois, this 1st day of April, 2013.

Jeffery D. Schielke, Mayor

Ward	Aldermen	Ayes	Nays	Absent	Abstain	Aldermen	Ayes	Nays	Absent	Abstain
1	O'Brien					Sparks				
2	Dietz					Wolff				
3	Jungles					Chanzit				
4	Volk					Stark				
5	Frydendall					Theelin Atac				
6	Liva					Clark				
7	Tenuta					Brown				
Mayor Schielke										
VOTE:		Ayes	Nays	Absent	Abstentions					
Total holding office: Mayor and 14 aldermen										

ATTEST:

Heidi Wetzell, City Clerk



**MICHELS POWER A DIVISION OF
MICHELS CORPORATION
Contract Change Order Request**

No. 1

CONTRACTOR: MICHELS POWER
1775 E. Shady Lane
Neenah, WI 54956
Phone: 920.720.5200
FAX: 920.720.5214
ATTN: Andrew Schmitz

OWNER: City of Batavia Electric Municipality

Address: 1401 Larkspur Lane
Batavia, IL

Phone: 1-630-669-5090

FAX: 1-630-454-2351

ATTN: Steve Allen

Owner Project No.: _____

Michels Project No.: 37269

This Effective Date: 3/18/13

DESCRIPTION OF CHANGE ORDER REQUEST

Michels Power is submitting this change order to perform additional scope items of wire pulling and cable terminations for the Cherry Park Subgrade construction. Michels power will furnish and install the following:

- 2C#10-2000'
- 7C#14-2000'
- 4C#8-2000'
- 4C#10-1000'
- 4C#14-1000'
- 62.5UF Multimode fiber-1000'
- 1" Inner Duct-850'
- Terminations-600

Michels did not include terminating fiber optic cabling. Michels did not include single runs of "odd" cabling, owner to route and terminate as previously discussed. The multi-conductor wire specified is a non-stock item, lead time for this wire will be 2 weeks. Installation time will be approximately 2 weeks. If any changes occur they will be handled on a T&M basis.

Applicable backup is attached to explain price, scope and/or schedule change.

Approval below will serve as a Notice to Proceed with the above-detailed work.

Change Order Price: \$57,000

CONTRACTOR: Michels Power

Authorized Signature: _____

Print Name: Andrew Schmitz

Print Title: Project Manager Date: 3-18-13

OWNER _____

Authorized Signature: _____

Print Name: _____

Print Title: _____ Date: _____