

Muth Electric News



VOLUME 19, NUMBER 2

PUBLISHED QUARTERLY

SPRING 2010

Service That Reflects a Commitment to Quality

Featured Project:

USD Coyote Village - Technology

Muth Technology began working on the 195,708 square foot University of South Dakota Coyote Village in Vermillion, SD, in September 2009. They expect to complete their portion of the project in June 2010.

Muth Technology installed Cat 5e cabling and CATV cabling to every bedroom and living area of each unit. They also installed fiber optic cabling for feeding services to the building along with fiber to each of the six communications rooms for distribution of voice, data and CATV for the entire facility. Muth Technology provided network connectivity for a building-wide wireless data system.

The new 175-unit complex provides suite-style and apartment living for approximately 548 students. All of the units are fully furnished, and students have the option of either a two or four bedroom unit. The super suites are equipped with kitchenettes, a full-size refrigerator, microwave and sink. The apartment units feature a kitchenette, a full-size refrigerator, microwave, range stove, and sink. The two-bedroom units have one bathroom, while the four-bedroom units include two bathrooms. Each unit also has hardwired internet access to each single-occupied bedroom. Monthly rental rates range from \$453 to \$658.

Coyote Village also includes a lounge area for students, a convenience store, a central laundry facility, a



30-person theater, SMART classroom and online gaming station. There is also wireless internet access throughout the entire building.

Muth Technology's contract is with Juneau Construction of Valdosta, GA. The architect and engineer on the project is Niles Bolton Associates, Inc. of Atlanta, GA.

Keith Beachler is the **Project Manager**, while **Brian Rients** serves as the **Project Foreman** and **Project Estimator**. Other employees assisting are as follows: **Darwin Hohn, Adam Sauer, Tom Bechen, Kyle Milekovich, Tate Worthington, Chris Heberlee, Brian Holt, Dustin Scheppmann, John Tadlock, Chris Wells, Tyler Bialas, Marion VanEgmond, Josh Lee, Brian Bel-lows, Adam Rempp, Dan Geraets, Joshua Ness, and Ron Sabers.**

A Few of Our Customer Comments

- "Very friendly and fair prices, quick response to service request." Mitchell, SD
- "Work area left neat and clean." Mitchell, SD
- "Prompt service - always gets the problem fixed." Parkston, SD
- "I have a great working relationship with the guys I do business with. The gentlemen you send out are very knowledgeable about their job." Sioux Falls, SD
- "I was very happy with the prompt service and attitudes of the employees. I was not home, but the serviceman kept me up-to-date and did a great job." Rapid City, SD
- "The Watertown staff is fantastic to work with." Watertown, SD
- "Quick response, friendliness of all the staff and employees - very courteous and helpful!" Watertown, SD
- "The guys are always good to work with." Huron, SD
- "I was very impressed with the desire to stay on the job until it was fixed." Aberdeen, SD
- "Friendliness of office staff and the electricians were great to work with." Omaha, NE

Service That Reflects a Commitment to Quality Featured Project: Evangelical Free Church

Muth Electric was awarded the electrical contract for the 21,000 square foot E-Free Church in Rapid City, SD. Work on the project began in February 2009, and was completed in April 2010.

The E-Free Church has a sanctuary that seats more than 600 people. The church also houses classrooms for children in grades Kindergarten through fifth grade, as well as a large gathering area. The church has its own control booth where the sound system and the dimmable lighting control panel is controlled for each service.

There are 120 columns 30' deep to support an elevated floor throughout the entire building. Also, many of the block walls were all built on a radius to enhance the look of the sanctuary.

An interesting fact about the church is that there

are over 25,000 watts of lighting in the sanctuary alone.

Muth Electric's contract was with Dean Kurtz Construction of Rapid City, SD. The engineer on



the project was Skyline Engineering, LLC, while Geiger Architecture was the architect, both of which are Rapid City.

Dan Vetsch served as the **Project Manager**. **Casey Curtis** was the **Project Foreman**, and **Matt Thompson** was the **Project Estimator**. Other employees that assisted in the project were **Brian Walker, Ryan Painter, Josh Farley, Chris Kendrick, Jason Muller, John Trudo, Tim Sandmeier, Travis Clark, Clay Donnelly, Riley Cihak, Kasey Rising, Mike Lannen, Trenten Ford, Brent Buffington, and Seth Redman.**

Service That Reflects a Commitment to Quality Featured Project: Hy-Vee #2 - Omaha, NE

In June 2009, Muth Electric was awarded the electrical contract for the 89,000 square foot Hy-Vee #2 in Omaha, NE. The project has an expected completion date of June 2010.

Hy-Vee has multiple departments in its grocery store such as a wine and spirits section, a meat/seafood department, bakery, kitchen/deli, dining area, a pharmacy, and a floral department. There is also an international kitchen where Chinese and Italian foods are served. Hy-Vee also has a cooking school where they will be holding classes for the public, as well as an Alegent Health exam room with a dietician on hand.

Some interesting facts about the project include the exterior of the building. It was erected in about seven days using pre-cast panels. The concrete slab inside the building is the finished floor. The top of the concrete was ground to expose the aggregate and it was then polished.

Muth Electric not only wired the interior of the building; they also installed traffic signals at the new street entrance to the store.



Muth Electric's contract is with Hy-Vee Weitz Construction in Des Moines, IA. The architect and engineer on the project is Hy-Vee Construction, also in Des Moines, IA.

Roger Schnitker is the **Project Manager**. **Chad Johnson** is the **Project Foreman**, while **Paul Vieth** serves as the **Project Estimator**. Other employees assisting in the project are **Gary Witherell, Ryan Jensen, Randy Wendt, Scott Plambeck, Ethan Minard, Chris Schultheiss, Jeremy Ramos, Brian Holt, Orlando Hernandez, Jorge Hernandez, Scott Taylor, Keith McDonald, Marcus Pflueger, Brent Dugan, Taylor Thill, Kale Calvin, Andrew Macgregor, and Samuel Shar.**

MTI Scholarship Winners

Muth Electric awarded two \$750 scholarships to second year students attending Mitchell Technical Institute's (MTI) Electrical Construction and Maintenance (ECM) program. This year's scholarship winners were Zac Busser, Colton, SD; and Zane Fees, Philip, SD.

The awards were presented by Paul Muth, VP of Operations at Muth Electric, Inc. The scholarships are based on the following criteria: 1) an essay explaining how and why the student became interested in the electrical industry, 2) a cumulative GPA of 3.0 or greater, and 3) a completion of an evaluation form by two instructors in the

ECM program. Congratulations to Zac and Zane! Muth Electric, Inc. would like to thank all students who applied for the scholarships.

Pictured at right are Zac Busser, Zane Fees, and Paul Muth.



Projects in Progress

Projects Under \$250,000

Project	Superintendent	Estimator	Location
Alpha Omega-Tech	Chris Heberlee	Keith Beachler	Rock Rapids, IA
Aurora Brule Intake	Paul Mayer	Randy Riepma	Chamberlain, SD
Big Sioux Dam Power	Not Assigned	Randy Riepma	Sioux Falls, SD
Big Sioux Lighting	Not Assigned	Randy Riepma	Sioux Falls, SD
Camp Rapid Readiness	Not Assigned	Tom Overbay	Rapid City, SD
Canyon Lake Church	Scott Hall	Jim Norgaard	Rapid City, SD
Childrens Museum - Tech	Chris Heberlee	Keith Beachler	Brookings, SD
Clark Airport Lighting	Casey Berg	Wayne Schneider	Clark, SD
Croyle Well House	Not Assigned	Randy Riepma	Rapid City, SD
Dakota Square Apt Rehab	Mike Schumacher	Paul Vieth	Aberdeen, SD
Deadwood Flashing Beacons	Ryan Painter	Wayne Schneider	Deadwood, SD
Delmont Vehicle Class DOT	John Schmidt	Wayne Schneider	Delmont, SD
DWU Kitchen Remodel	Paul Mayer	Jared Schmidt	Mitchell, SD
EAFB Capeheart Lift Station	Mark Seifert	Don Walker	Ellsworth, SD
EAFB Eng Facility - Tech	John Trudo	Brian Rients	Ellsworth, SD
EAFB Range C	Jeff Bergstrom	Don Walker	Ellsworth, SD
Eagle Butte Controls	Ryan Schremp	Gaylord Grieve	Eagle Butte, SD
Elks Crossing Ph 1 Lighting	Ryan Painter	Wayne Schneider	Rapid City, SD
ELO Office	Paul Mayer	Eric Grajkowski	Chamberlain, SD
Ethan Water Tower	Paul Mayer	Randy Riepma	Ethan, SD
Fall River Hospital-Tech	Travis Clark	Keith Beachler	Hot Springs, SD
Faultkon Water Storage	Brandon Flack	Randy Riepma	Faultkon, SD
Hermosa Hwy 40 Lighting	Ryan Painter	Wayne Schneider	Hermosa, SD
Hy-Vee 2 C-Store	Chad Johnson	Paul Vieth	Omaha, NE
Hy-Vee 4 Spirits	Randy Wendt	Jared Schmidt	Omaha, NE
Ipswich Water Improvements	Brandon Flack	Randy Riepma	Impswich, SD
Kingston Apt HVAC	Joe Hornstein	Chad Lanoue	Kingsley, IA
Lakeland Apt HVAC	Joe Hornstein	Chad Lanoue	Clear Lake, IA
Midland Vehicle Class DOT	Ryan Painter	Wayne Schneider	Midland, SD
Miller Distribution Improvements	Billy Hughes	Randy Riepma	Miller, SD
Miller Water Tower	Billy Hughes	Randy Riepma	Miller, SD
Newell Water Well	Mark Seifert	Wayne Schneider	Newell, SD
Nustar Energy	Joel Kunkel	Todd Stickler	Milford, IA
O'Gorman Kitchen	Charles Eppe	Chad Lanoue	Sioux Falls, SD
Oglala Sioux Rural Wtr Core Line	Mark Seifert	Randy Riepma	Pine Ridge, SD
Oglala Sioux Rural Kyle W Pump	Mark Seifert	Don Walker	Kyle, SD
Oglala Sioux Rural Wtr Red Shirt	Mark Seifert	Randy Riepma	Pine Ridge, SD
Pierre Airport Taxiway A	Jay Volek	Wayne Schneider	Pierre, SD
RC Elk Vale Road Lighting	Ryan Painter	Wayne Schneider	Rapid City, SD
RC Elm Ave Lighting	Ryan Painter	Wayne Schneider	Rapid City, SD
Redfield Hospital-Tech	Tom Bechen	Keith Beachler	Redfield, SD
Regency Building 3	Ryan Jensen	Roger Schnitker	Omaha, NE
Rosewood Apt HVAC	Joe Hornstein	Chad Lanoue	Rock Rapids, IA
Sams Club Store Site	Ryan Painter	Wayne Schneider	Rapid City, SD
Sanford Corporate - Tech	John Tadlock	Keith Beachler	Rapid City, SD
SDSU Chiller Building	Lane Hammond	Jared Schmidt	Brookings, SD
SF 69th St Lighting	Not Assigned	Wayne Schneider	Sioux Falls, SD
SF Collector Well 62 Wiring	Larry Skari	Randy Riepma	Sioux Falls, SD
SF Powderhouse Rd Lighting	Not Assigned	Wayne Schneider	Sioux Falls, SD
Sisseton Garage	Nathan Soupir	Eric Grajkowski	Sisseton, SD
Somerset Apt HVAC	Ryan Jensen	Chad Lanoue	Holstein, IA
Sturgis Snow Gates Connection	Ryan Painter	Wayne Schneider	Sturgis, SD
Union County Lighting	Not Assigned	Wayne Schneider	Elk Point, SD
USD Slagle Auditorium - Tech	Chris Heberlee	Keith Beachler	Vermillion, SD

Projects Under \$250,000 continued

Project	Superintendent	Estimator	Location
Veteran's Administration Clinic	Casey Berg	Paul Vieth	Watertown, SD
VA Dental Office	Pat Murphy	Wayne Schneider	Sioux Falls, SD
Van Dykes Remodel	Paul Mayer	Jared Schmidt	Mitchell, SD
Walmart Remodel	Paul Schelske	Todd Stickler	Mitchell, SD
Waubay Wastewater	Nathan Soupir	Randy Riepma	Waubay, SD
Wheat Growers	Eric Johnson	Jared Schmidt	Wolsey, SD
Woodbine Apt HVAC	Not Assigned	Chad Lanoue	Woodbine, IA
WTN Lift Station Improvements	Not Assigned	Wayne Schneider	Watertown, SD
WTN Vehicle Class	Not Assigned	Wayne Schneider	Watertown, SD

Projects Over \$250,000

Project	Superintendent	Estimator	Location
Aberdeen Wastewater Plant	Randy Reil	Randy Riepma	Aberdeen, SD
EAFB Line Replacement	Cliff Gibbs	Don Walker	Ellsworth, SD
Eagle Butte Hospital - Tech	John Trudo	Brian Rients	Eagle Butte, SD
Highmore School Addition	Not Assigned	Jared Schmidt	Highmore, SD
Hwy 85 Signals & Lighting	Ryan Painter	Wayne Schneider	Belle Fourche, SD
Keizer Refrigeration	Darwin Hohn	Matt Thompson	Sioux Falls, SD
Kyle to Sharp Fiber - Tech	John Trudo	Brian Rients	Kyle, SD
LATI Facility Addition	Chris Lee	Jared Schmidt	Watertown, SD
Mickelson Trail Lighting	Ryan Painter	Todd Stickler	Deadwood, SD
Mobridge Raw Water Rehab	Bill Martyn	Wayne Schneider	Mobridge, SD
Sanford Corp Office Renovation	Darin Hohn	Jim Norgaard	Sioux Falls, SD
SD Lions Eye Bank Office	Darwin Hohn	Chad Lanoue	Sioux Falls, SD
SDSU Science Center - Tech	Tate Worthington	Brian Rients	Brookings, SD
USD Student Housing - Tech	Brian Rients	Brian Rients	Vermillion, SD

Projects Over \$500,000

Project	Superintendent	Estimator	Location
Black Hills Surgery Addition	Bryan Hamer	Jim Norgaard	Rapid City, SD
Hy-Vee 2 Grocery Store	Chad Johnson	Paul Vieth	Omaha, NE
MIT Airport Runway Lighting	Dave Bechen	Wayne Schneider	Mitchell, SD
MTI Student Services	Not Assigned	Paul Vieth	Mitchell, SD
Pierre Learning Center	Chad Muntefering	Paul Vieth	Pierre, SD
Redfield Hospital Ph II	Billy Hughes	Todd Stickler	Redfield, SD
Wind Buffalo Ridge II	Casey Berg	Gaylord Grieve	Astoria, SD

Projects Over \$1 Million

Project	Superintendent	Estimator	Location
Camp Rapid Joint Forces - Tech	Travis Clark	Brian Rients	Rapid City, SD
Children's Museum	Randy Reil	Chad Lanoue	Brookings, SD
EAFB Eng Admin Facility	Clint Painter	Todd Stickler	Ellsworth, SD
Fall River Hospital	Mike Medley	Jim Norgaard	Hot Springs, SD
Mid Dakota Water Treatment	Richard Wurts	Todd Stickler	Pierre, SD
Piedmont Elementary School	Casey Curtis	Jared Schmidt	Piedmont, SD
Santee Clinic	Gary Schoenfelder	Paul Vieth	Niobrara, NE
SDSM&T Chem Bldg	Jason Muller	Don Walker	Rapid City, SD
Tower Tech Manufacturing	Darin Hohn	Gaylord Grieve	Brandon, SD
USD Slagle Auditorium	Dan Schmidt	Paul Vieth	Vermillion, SD
USD Student Housing	Calvin Wiebelhaus	Jared Schmidt	Vermillion, SD
VA Repair Feeders - Gen	Joel Kunkel	Randy Riepma	Sioux Falls, SD
Wagner Detention Center	Dan Schmidt	Todd Stickler	Wagner, SD

Projects Over \$3 Million

Project	Superintendent	Estimator	Location
Camp Rapid Joint Forces	Ed Pauly	Don Walker	Rapid City, SD
Eagle Butte Hospital	Ryan Schremp	Jim Norgaard	Eagle Butte, SD
SDSU Science Center	Lane Hammond	Jim Norgaard	Brookings, SD

WDTI Scholarship Winners

Muth Electric, Inc. presented two \$500 scholarships to students in the Industrial Electronics program at Western Dakota Technical Institute (WDTI) in Rapid City, SD. These scholarships were awarded to Bryant Stadler, Spearfish, SD; and Wesley Melcher, Black Hawk, SD. The scholarships are based on the following criteria: 1) essays explaining how and

why the student became interested in the electrical industry; 2) an accumulative GPA of 3.0 or better; and 3) completion of an evaluation form by two instructors in the program. Pictured at left are Art Balcom, WDTI instructor; Bryant Stadler; Marlin Alt, WDTI instructor; Wesley Melcher, and Dan Vetsch, Muth Electric.



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VOLUME 19, NUMBER 2

PUBLISHED QUARTERLY

SPRING 2010

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ADDRESS SERVICE REQUESTED

Prsr. Std.

U.S. Postage

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"Professional Answers For All Your Electrical Needs"



Outdated Fluorescent Lamps to be Eliminated

The bad news is that the traditional T-12 fluorescent tubes we have used for over 70 years are being eliminated in the United States. The good news is that the far more efficient T-8 and T-5 fluorescent technologies will save business owners a substantial amount of energy. All new fixtures currently utilize this new technology and are definitely more efficient.

Replacement ballasts for the outdated fixtures will no longer be manufactured after July 1st of this year. The good news for America's business facilities that currently rely on T-12 fixtures is that these more energy-efficient technologies are readily available to replace those outdated fixtures.

Muth Electric has worked with numerous businesses to manage conversion of their plants and facilities to the new technology with energy efficient lighting upgrades. Some of the benefits these owners have seen is:

- 30-60% energy savings
- Improved lighting levels which also improve productivity in their work areas
- 3-5 year paybacks of their investment through fewer fixtures and energy savings
- Reduced long-term maintenance costs

Additional benefits can be available if the lighting conversions qualify for the federal tax incentives that are available through the commercial building tax deduction, which was established by the Energy Policy Act of 2005. In some states, there are also additional incentive programs or utility incentive programs.

If your facility has the outdated T-12 lamps and ballasts, you have a couple different options. You could convert the existing fixtures to the new T-8 or T-5 technology by replacement of both ballasts and lamps in the existing fixtures. Otherwise, you could replace the entire fixture with a new high efficiency fixture and T-8 or T-5 technology.

In addition, a number of high-bay installations have converted from the old one-bulb technology to the new T-8 or T-5 high-bay fixtures. By doing this, there also has been a large energy savings and brighter, more productive work space.

If you would be interested in some of these options, feel free to make a call to your local Muth Electric office for ideas on how you can replace your outdated fixtures and save energy in the meantime. We can work with professional resources to help you achieve the results that you need for your facility.