



May 28, 2020

Re: APCO Electric, Inc. Electrical Design/Build and Construction Performance

We at Karcher North America enlisted APCO Electric Inc. to be one of three very reputable Electrical Contractors in the Denver/Metro area to participate and compete in an involved design and design/build project to develop the Electrical Distribution for our new North American Headquarters for manufacturing. Based on a timeline of 6-8 months and a budget of \$2.2-\$2.4 Million for the project and a series of 5-6 design interviews and several iterations of modeling with Karcher, Design Staff, Engineers and Partners APCO Electric was selected as the Design Team and Design/Build Electrical Contractor to perform the work.

As contract terms and schedules were found to be amenable, Karcher NA provided autonomy to APCO Electric's design team and engineering group to proceed. Knowing that time was of the essence for completion of the project, APCO Electric enlisted the service of a number of industry partners and vendor partners to allow for the procurement of materials and equipment needed to complete the project as designed. Working fluidly with the City of Aurora Building Department and Inspecting Authorities, APCO Electric provided a series of phasing for the engineered drawings and submitted for review to the City of Aurora, as agreed in design, for review and fluid construction turn-around so as not to delay the project. Coordination of the plan review, and inspections was performed by APCO Electric's field superintendent and team onsite, their administrative team, along with ownership to complete in a timely manner.

Karcher NA coordinated with APCO Electric at every evolution, and they covered us in a professional, workmanlike manner at every turn. With conversations held in a weekly subcontractor meeting to discuss and amend any field issues that occurred. Small daily onsite adjustments to the schedule/floorplan based on real world occurrences (shipping logistics, footprint deltas and voltage modifications from nameplate) so as

**Kärcher North America
Headquarters**
4555 Airport Way
Denver, CO 80239
USA
T 800 456 6649
F 303 738 2818
info@karcher.com
www.karcher.com/us

Blackwood, NJ
500 University Court
Blackwood, NJ 08012
USA
T 877 527 2437

Camas, WA
4275 NW Pacific Rim Blvd
Camas, WA 98607
USA
T 888 805 9852

Englewood, CO
1351 W. Stanford Ave.
Englewood, CO 80110
USA
T 303 762 1800
F 866 879 6192

Fayetteville, AR
2700 S. Armstrong Ave.
Fayetteville, AR 72701
USA
T 479 444 4600

Mississauga, ON
275 Pendant Drive
Mississauga, ON L5T 2W9
Canada
T 905 672 8233

Monterrey, Mexico
Av Avante 831
Parque Industrial Guadalupe
Guadalupe N.L. CP 67190
Mexico
T +5281 1344 2000

to maintain a viable working ledger of the site and equipment for circuitry and panel schedules.

APCO Electric maintained a competent staff, and communicated in a timely professional manner throughout the project, with all of us at Karcher NA, as well as with the other subcontractors onsite who were all a part of this very complex and time sensitive project.

Karcher NA would highly recommend APCO Electric to anyone who has need for a design team, and design/build projects in their business. Our experience with APCO was most excellent.

We especially honor the good partnership between the project leaders and both teams - APCO and KARCHER - on the construction site. Additional appreciation comes from our building department in Germany (responsible for all Karcher construction projects globally). Business relationships where the spoken word and a handshake count are very valuable.

Regards,



Steffen Vollstaedt – Alfred Karcher SE Co KG – Senior Project Coordinator International Projects



Nils Werning – Alfred Karcher SE Co KG – Director Project Management Operations