

BEFORE THE PUBLIC SERVICE COMMISSION
STATE OF GEORGIA

CITY OF CARTERSVILLE)
)
Petitioner,)
)
v.) Docket No. 55973
)
GEORGIA POWER COMPANY)
)
Respondent.)

PREFILED DIRECT TESTIMONY OF CHAD PRATER
FILED ON BEHALF OF PETITIONER THE CITY OF CARTERSVILLE,
GEORGIA

Q: Please state your name and business address.

A: My name is Chad Prater, and my business address is 320 South Erwin Street, Cartersville, Georgia 30120.

Q: Mr. Prater, by whom are you employed and what is your job position?

A: I am employed by the City of Cartersville, and I have been employed by the City since January, 2021. I currently serve as the Engineering Supervisor for the City of Cartersville Electric System.

Q: Please describe your educational background and employment history, and your duties as Engineering Supervisor.

A: I hold an Associate of Science degree from Shorter University. I've worked in the power industry since 2004. I began my career as an Engineering Technician with Cartersville Electric System, where I worked from 2004 to 2008. I then served as an

Engineer with Marietta Power from 2009 to 2015. From 2015 to 2019, I worked as a Power System Coordinator for Georgia Power. In 2020, I returned to Marietta Power as a Senior Master Control Technician. Between 2021 and 2024, I was the Engineering Coordinator for Cartersville Electric, and I am currently serving as the Engineering Manager for the same utility. Throughout my career, I've been responsible for a variety of tasks related to power system engineering, including system design, reliability planning, load analysis, outage coordination, and operational oversight of electric distribution systems.

Q: Does the City of Cartersville furnish electric power on a retail basis?

A: Yes.

Q: Is the City of Cartersville a member of the Municipal Electric Authority of Georgia?

A: Yes.

Q: Is the City of Cartersville subject to regulation by the Public Service Commission?

A: Yes.

Q: Are you familiar with certain real property located at 1181 Cassville White Road, Cartersville, Georgia?

A: Yes.

Q: Is that property located within the corporate limits of the City of Cartersville?

A: No. It's in unincorporated Bartow County.

Q: So, when and how did this property first come to your attention?

A: The property was developed in the 2021-2022 time frame as a spec office/warehouse/distribution facility. Shortly afterwards, there was a proposal to convert the property to an actual manufacturing facility. My understanding is that Georgia Power, who initially supplied electrical power to the property, could not obtain the necessary transformer(s) to supply the required electrical power to the manufacturing facility in a timely fashion, so the customer made the election to buy power from the City of Cartersville. I was tasked with setting the necessary transformer(s) and installing the infrastructure necessary to bring electrical power to the manufacturing facility. This would have been in late-2023 and early-2024.

Q: Okay, so Georgia Power initially provided electrical power to the property?

A: Correct.

Q: What type of power?

A: When I got involved, there was a 300kVa transformer serving the property.

Q: In your experience, is a 300kVa transformer sufficient to serve an office/warehouse-type use?

A: It could be. It just depends on the particular type of office/warehouse.

Q: In your experience, is a 300kVa transformer sufficient to serve a manufacturing facility?

A: No. Not by a long shot.

Q: And in this case, who was the potential customer, the manufacturer?

A: Allied Tube & Conduit Corp., which is commonly referred to as Atkore.

Q: What does Atkore manufacture?

A: My understanding is that Atkore manufactures electrical conduit and fittings, cable and cable management systems, infrastructure products, and safety and security products.

Q: What was Atkore's anticipated electric power needs?

A: The estimated electrical load for the Project was approximately 1.5MW, which would require a 1500kVa transformer in the front of the facility and a 500 kVa transformer in the back of the facility.

Q: How is that determined?

A: Sizing a transformer for an industrial customer involves analyzing the customer's electrical load requirements to ensure the transformer can handle the expected demand safely and efficiently. We start by reviewing the total connected load, which includes all equipment the customer intends to operate—such as motors, lighting, HVAC systems, and process machinery.

Next, we consider the customer's load factor and demand factor to estimate the actual peak load they are likely to draw. We also account for any future expansion

the customer anticipates. The transformer must be sized to handle the maximum expected load without being overloaded, typically with a margin of safety.

Additional considerations include voltage requirements, phase configuration (single-phase or three-phase), and whether the load has any large motors or equipment that could cause high inrush currents. These factors influence not only the size in kVA but also the selection of transformer type and impedance.

Ultimately, the goal is to ensure reliable service without oversizing the transformer unnecessarily

Q: Now, in late-2023 or early-2024, did Cartersville have access to a 1500kVa transformer and a 500kVa transformer?

A: Yes.

Q: Did Atkore elect to have Cartersville provide electric power to the property?

A: That's my understanding.

Q: Then what happened?

A: At the time, Clifton Blalock, who was the Engineering Supervisor, informed me that Atkore had chosen to receive power from Cartersville Electric. He asked me to develop a design to serve their facility accordingly.

Q: Did Cartersville have to perform any work to provide the increased power load to the property?

A: Yes.

Q: Like what?

A: Cartersville Electric coordinated with MEAG Power to install a breaker and voltage regulators in the substation to support the increased load. Our own Cartersville Electric crew performed the overhead line work, installing approximately 3,136 feet of overhead primary wire. We also contracted crews to install around 12,390 feet of underground primary conduit and wire. Additionally, we installed a 500 kVA transformer at the rear of the property to serve Atkore's electrical needs.

Q: Let me show you what I've marked as Exhibit P1. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is a series of e-mails from Coy Gregory to Jeff Nalli and from Jeff Nalli to me and Clifton Blalock and then my response on January 30, 2024.

Q: Who is Jeff Nalli?

A. Jeff is the Purchasing Agent/Warehouse Coordinator for the City of Cartersville Electric System.

Q: Who is Clifton Blalock?

A. He was my predecessor as Engineering Supervisor for the City of Cartersville Electric System. He left the City to work for Greystone Power Corporation.

[Tender Exhibit P1 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P2. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from John Dooley to Satya Madivala and others dated February 12, 2024.

Q: Were you copied on it?

A. Yes.

Q: Who is John Dooley?

A. He was the Assistant Director for the City of Cartersville Electric System at the time.

Q: Who is Satya Madivala?

A. He works for Hines, the owner and developer of the property. He was the construction manager for the Atkore project.

[Tender Exhibit P2 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P3. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is another e-mail from John Dooley to Satya Madivala and others dated February 12, 2024.

Q: Were you copied on it?

A. Yes.

[Tender Exhibit P3 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P4. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from John Dooley to Satya Madivala dated February 16, 2024.

[Tender Exhibit P4 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P5. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from John Dooley to Satya Madivala dated February 19, 2024.

Q: Were you copied on it?

A. Yes.

[Tender Exhibit P5 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P6. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from Satya Madivala to John Dooley dated February 22, 2024.

Q: Were you copied on it?

A. Yes.

[Tender Exhibit P6 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P7. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from Satya Madivala to John Dooley and me dated February 26, 2024.

[Tender Exhibit P7 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P8. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is my e-mail response to Satya Madivala dated the same day, February 26, 2024.

[Tender Exhibit P8 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P9. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from me to Satya dated February 28, 2024.

[Tender Exhibit P9 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P10. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from me to Jeff Nalli dated March 19, 2024.

[Tender Exhibit P10 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P11. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from me to Dan Porta and Freddy Morgan dated April 4, 2024.

Q: Who is Dan Porta?

A. He is the City Manager for the City of Cartersville.

Q: Who is Freddy Morgan?

A. He is the Assistant City Manager for the City of Cartersville, and at the time, he was the Acting Director of the City of Cartersville Electric System.

Q: What is attached to this e-mail?

A. This is a breakdown of the costs the City of Cartersville had incurred in extending power to the Atkore project (as of that date) and a projection of future costs.

Q: Did you prepare this document?

A. Yes.

[Tender Exhibit P11 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P12. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from me to Satya dated April 10, 2024.

Q: What is attached to this e-mail?

A. This was a diagram showing the infrastructure necessary to serve the Atkore project. What's shown in "green" is what had been installed. What's shown in "red" is what's to be installed.

Q: Did you prepare this document?

A. Yes.

[Tender Exhibit P12 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P13. Do you recognize this document?

A. Yes.

Q: And what is this document?

B. These are e-mail messages from me to Satya and his response dated April 13, 2024.

Q: Why were you requesting this?

B. I sent the email because Derek was no longer involved in the project, and I was taking over the project completely. I needed the load information for my records and to confirm that we had properly sized the transformers to handle Atkore's electrical demand.

[Tender Exhibit P13 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P14. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. It is the Atkore drawings Satya sent to me.

[Tender Exhibit P14 into evidence and go through any relevant portions]

Q: Does this complete your testimony?

A: Yes.

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a copy of the herein and foregoing
**PREFILED DIRECT TESTIMONY OF CHAD PRATER FILED ON BEHALF OF
PETITIONER THE CITY OF CARTERSVILLE, GEORGIA** by e-mail as follows:

Steven J. Hewitson
Allison W. Pryor
Matthew C. Daigle
Troutman Pepper Hamilton Sanders LLP
Bank of America Plaza
600 Peachtree Street, N.E., Suite 3600
Atlanta, Georgia 30308-2216
(404) 885-3000
steven.hewitson@troutman.com
allison.pryor@troutman.com
matt.daigle@troutman.com

This 23rd day of May, 2025.

SMITH CONERLY LLP

/s/ Charles S. Conerly
Charles S. Conerly
Georgia Bar No.: 180720
cconerly@smithconerly.com

*ATTORNEYS FOR CITY OF
CARTERSVILLE*

402 Newnan Street
Carrollton, Georgia 30117
(770) 834-1160 (telephone)
(770) 834-1190 (facsimile)

From: Chad Prater <cprater@cityofcartersville.org>
Sent: Tuesday, January 30, 2024 3:50 PM
To: Jeff Nalli; Clifton Blalock
Cc: Aaron Davis
Subject: RE: Cartersville PO Jeff 1.30.24 Additional Petroflex rolled conduit ordered for Atkore and Hanwha

Sounds great thanks

From: Jeff Nalli <jnalli@cityofcartersville.org>
Sent: Tuesday, January 30, 2024 3:48 PM
To: Chad Prater <cprater@cityofcartersville.org>; Clifton Blalock <cblalock@cityofcartersville.org>
Cc: Aaron Davis <adavis@cityofcartersville.org>
Subject: FW: Cartersville PO Jeff 1.30.24 Additional Petroflex rolled conduit ordered for Atkore and Hanwha

Hey Chad,

Here is the acknowledgement for the additional 2" and 4" petroflex conduit you requested for Hanwha and Atkore. (8000' of 2", and 3400' of 4")

It may come by Friday, but most likely will not be here before next week.

There are:

- (4x) 2" x 2000' reels (8000' total)
- (2x) 4" x 500' reels (1000') to match the (2) 500' reels already in inventory, plus
- (4x) 4" x 600' reels (2400')

Please make sure that the contractors get the 500' 4" reels first unless the pull is over 500', and if any pull lengths can be covered with the partial reels on the yard, make sure to use them before full reels.

Kind regards,



Jeff Nalli

Purchasing Agent/
Warehouse Coordinator

City of Cartersville Electric System

Office: (770)387-5631 Desk: (770)607-6393

Fax: (770)387-5630

Email: jnalli@cityofcartersville.org

From: Coy Gregory <coy.gregory@gresco.com>
Sent: Tuesday, January 30, 2024 3:18 PM
To: Jeff Nalli <jnalli@cityofcartersville.org>
Cc: Andrew Narmore <andrew.narmore@gresco.com>
Subject: [EXTERNAL] Cartersville PO Jeff 1.30.24



Jeff,

Make sure this all looks good and let me know if you need anything else. Thank you again sir, always good talking to you.

Coy Gregory

Inside Sales

coy.gregory@gresco.com

P: 478-315-0800 x.2136

D: 478-315-0846

1135 Rumble Rd Forsyth, GA 31029



From: John Dooley <jdooley@cityofcartersville.org>

Sent: Monday, February 12, 2024 9:41 AM

To: Madivala, Satya <Satya.Madivala@hines.com>; Clifton Blalock <cblalock@cityofcartersville.org>; Derek Hampton <dhampton@cityofcartersville.org>; Brian Jaynes <bjaynes@ecoga.org>

Cc: Jeremy Koczenasz <jkoczenasz@ordner.com>; Cole Padgett <cole@crownelectricinc.com>; Adam Moore <amoore@ordner.com>; Chad Prater <cprater@cityofcartersville.org>

Subject: RE: [EXTERNAL] RE: 1181 Cassville - Hines

[From an External Email System]

Satya,

Good morning, I hope you had a good weekend. Clifton and Chad are getting together today and going over the project to assess the timeline of work remaining. I do know that the hard rock in the area has slowed the boring down to 10' an hour which was unexpected for this job. Once they have their updates one of us will update you and your team.

Thanks,

John B. Dooley



From: John Dooley <jdooley@cityofcartersville.org>

Sent: Monday, February 12, 2024 1:45 PM

To: Madivala, Satya <Satya.Madivala@hines.com>; Clifton Blalock <cblalock@cityofcartersville.org>; Derek Hampton <dhampton@cityofcartersville.org>; Brian Jaynes <bjaynes@ecoga.org>

Cc: Jeremy Koczenasz <jkoczenasz@ordner.com>; Cole Padgett <cole@crownelectricinc.com>; Adam Moore <amoore@ordner.com>; Chad Prater <cprater@cityofcartersville.org>

Subject: RE: [EXTERNAL] RE: 1181 Cassville - Hines

[From an External Email System]

Satya, I agree an onsite meeting would probably be a good idea. A good visual of the work going on would be helpful to all. As I mentioned before the extreme rock in the ground is the main issue slowing things down at the moment.

Thanks,

John B. Dooley

EXHIBIT

P3

From: John Dooley <jdooley@cityofcartersville.org>
Sent: Friday, February 16, 2024 3:50:45 PM
To: Madivala, Satya <Satya.Madivala@hines.com>
Subject: RE: [EXTERNAL] RE: 1181 Cassville - Hines

[From an External Email System]

Understood. I just asked Chad for an update. The bore was not able to be completed yet. The new head did not come in today. I have asked Chad and Clifton to try to find out from the contractor why they didn't get anywhere today. I believe as of yesterday that had gotten further but got jammed again.

Sent from my Verizon, Samsung Galaxy smartphone

EXHIBIT

P4

From: John Dooley <jdooley@cityofcartersville.org>
Sent: Monday, February 19, 2024 1:49 PM
To: Madivala, Satya <Satya.Madivala@hines.com>
Cc: Derek Hampton <dhampton@cityofcartersville.org>; Chad Prater <cprater@cityofcartersville.org>; Clifton Blalock <cblalock@cityofcartersville.org>
Subject: RE: [EXTERNAL] RE: 1181 Cassville - Hines

[From an External Email System]

Satya,

Good afternoon, I hope that the day has been well so far. So far here is the information I know per Chad's report. I will provide more information as I get it.

- The new drill head for the hammer drill did arrive.
- Two boring rigs are currently being used on site.
- Should be pulling pipe to the 500 kva transformer location today.

Thanks,
John Dooley

Sent from my Verizon, Samsung Galaxy smartphone

EXHIBIT

PS

From: Madivala, Satya

Sent: Thursday, February 22, 2024 5:10 PM

To: John Dooley <jdooley@cityofcartersville.org>

Cc: Derek Hampton <dhampton@cityofcartersville.org>; Chad Prater <cprater@cityofcartersville.org>; Clifton Blalock <cblalock@cityofcartersville.org>; Jeremy Koczenasz <jkoczenasz@ordner.com>; Adam Moore <amoore@ordner.com>; Cole Padgett <cole@crownelectricinc.com>; Brian Jaynes <bjaynes@ecoga.org>

Subject: RE: [EXTERNAL] RE: 1181 Cassville - Hines

Hi John,

Folding the rest of the team back into this email chain.

I reached out to my geotechnical engineer and civil regarding the infill work required, and good news is that they both agreed that ripping out the existing truck court area shouldn't be necessary. Their recommendation is below, please pass along to the boring contractor and let me know if they have any questions, concerns, etc. I'll want thorough documentation of the repair work they perform (photos of the work, of the materials, etc.).

Based on our conversation and the photographs you sent, the area of the fire line break has eroded subgrade soil under a section of the existing trailer parking area (width of about 3 to 4 spaces). The condition has caused the pavement and curb to be undermined in this section. I recommend removing standing water and mud that may be present and backfilling the void with flowable fill or lean concrete. I do not recommend using soil or a crushed stone material as backfill due to the lack of access with compaction equipment. Care should be taken not to encase the utilities with flowable fill or concrete that will be difficult to excavate in case access is needed in the future.

There is no specific product. The contractor should be able to ask a ready-mix concrete supplier for flowable fill (usually specified as 150 or 200 psi strength) or lean concrete.

Back to overall project progress –

Chad indicated that the boring work should be done early next week, Wednesday the latest. Can you outline the remaining work needed and anticipated dates of completion? Date of the 2 day shutdown? When do you need my electrician, Crown, engaged?

The easements documentation is still an open item (separate email cover).

Thank you all!

Satya B. Madivala
Construction Manager

Hines

383 17th Street | Suite 100 | Atlanta, GA 30363
M 347.753.2048

satya.madivala@hines.com

Intelligent Real Estate Investment, Development and Management

EXHIBIT

P6

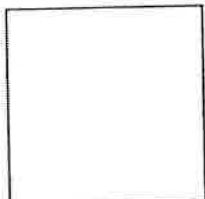
From: Madivala, Satya <Satya.Madivala@hines.com>

Sent: Monday, February 26, 2024 9:52 AM

To: John Dooley <jdooley@cityofcartersville.org>; Chad Prater <cprater@cityofcartersville.org>

Cc: Derek Hampton <dhampton@cityofcartersville.org>; Clifton Blalock <cblalock@cityofcartersville.org>; Jeremy Koczenasz <jkoczenasz@ordner.com>; Adam Moore <amoore@ordner.com>; Cole Padgett <cole@crownelectricinc.com>; Brian Jaynes <bjaynes@ecoga.org>

Subject: RE: [EXTERNAL] RE: 1181 Cassville - Hines



Chad,

Good catching up with you this morning. Recap –

- Please confirm my email below provides sufficient information and direction to fix the hole created by the fire line mishap. It needs to be prioritized as the weather forecast is showing rain for several days starting later this week.
- Borings – anticipated to be completed by EOW. Again, rainy weather on Wednesday (probably) and Friday (most likely), so they need to do work expeditiously as possible the next 2 – 3 days.
- Pulling wires – will take 3-4 days.
- Setting transformers and doing the splices – 2-3 days
- Power shut down (last step) – 2 days

That would take us to completing the project in the week of 03/11.

However, all of this is weather dependent and the forecast is not looking favorable starting Friday (there's a long stretch of rainy weather coming up). So we'll have to monitor closely and keep each other updated.

Let me know if I misunderstood anything.

Thank you and talk soon,

Satya B. Madivala
Construction Manager

Hines

383 17th Street | Suite 100 | Atlanta, GA 30363
M 347 753 2048

satya.madivala@hines.com

Intelligent Real Estate Investment, Development and Management



From: Chad Prater <cprater@cityofcartersville.org>
Sent: Monday, February 26, 2024 11:59 AM
To: Madivala, Satya; John Dooley
Cc: Derek Hampton; Clifton Blalock; Jeremy Koczenasz; Adam Moore; Cole Padgett; Brian Jaynes
Subject: RE: [EXTERNAL] RE: 1181 Cassville - Hines

This looks correct. I will give you another update either tomorrow or Wednesday to let you know the progress.

Thanks



Chad Prater
Engineering Coordinator
City of Cartersville Electric System
320 S. Erwin Street, Cartersville, Georgia 30120



From: Chad Prater <cprater@cityofcartersville.org>
Sent: Wednesday, February 28, 2024 5:09 PM
To: Satya Madivala (satya.madivala@hines.com); Clifton Blalock
Cc: Derek Hampton; John Dooley
Subject: Atkore
Attachments: pic1.jpg; pic2.jpg; pic3.jpg; pic4.jpg; pic5.jpg; pic6.jpg; pic7.jpg

Satya,

We have gotten Thomas Concrete to backfill the hole with excavatable flowable fill. The flowable fill was a mixture of concrete and sand with a compressive strength of 4,000 psi. I have attached photos of the backfill. Also, I wanted to give you a update on the bores. The bore at the building is on schedule to finish this week. However, the bore at the creek has had a setback. While boring the head of the drill was destroyed due to the extremely hard rock. The crew was able to obtain another drill head and has started back on the bore. I will reach out to the boring crew tomorrow and see how we are doing with the new drill. If you have any questions don't hesitate to give me a call or shoot me a text.

Thank



Chad Prater
Engineering Coordinator
City of Cartersville Electric System
320 S. Erwin Street, Cartersville, Georgia 30120

EXHIBIT

P9















From: Chad Prater <cprater@cityofcartersville.org>
Sent: Tuesday, March 19, 2024 9:56 AM
To: Jeff Nalli
Subject: ATKORE

Jeff,

At this time the at the Building site we have installed approx. 4,624' of 2" conduit. Installed approx. 3,468' of 1/0 EPR. Installed standard pad for 45-1000 KVA Pad Mounted Transformer. Installed (1) 500 KVA 277/480 Transformer. On Cass White Road we have approx. 5,000' of 4" conduit in the ground. Currently no wire in the ground.

Thanks



Chad Prater
Engineering Coordinator
City of Cartersville Electric System
320 S. Erwin Street, Cartersville, Georgia 30120



From: Chad Prater <cprater@cityofcartersville.org>
Sent: Thursday, April 4, 2024 2:56 PM
To: Dan Porta; Freddy Morgan
Subject: RE: Atkore 04042024.xlsx
Attachments: Copy of Atkore 04042024.xlsx

Dan and Freddy,

After looking at the spread sheet the 500 KVA Transformer was not on the list correctly. The cost for the 500 KVA 277/480 is \$43,750.00. The cost for the 1500 KVA 277/480 is \$79,593.80.

Thanks

Chad

EXHIBIT
P11

Atkore Contracting									
#	Invoice #	Date	Due Date	Description	Quantity	unit	Rate	unit	Cost
1	COC-014	2/8/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
2	COC-015	2/13/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
3	COC-016	2/16/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
4	COC-017	2/18/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
5	COC-018	2/19/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
6	COC-019	2/20/2024	4/4/2024	Drilled 4 - 2" pipes	150	ft	46	\$/ft	\$6,900.00
7	COC-020	2/21/2024	4/4/2024	Drilled 4 - 2" pipes	150	ft	46	\$/ft	\$6,900.00
8	COC-021	2/25/2024	4/4/2024	Drilled 4 - 2" pipes	150	ft	46	\$/ft	\$6,900.00
9	COC-022	2/27/2024	4/4/2024	Drilled 4 - 2" pipes	150	ft	46	\$/ft	\$6,900.00
10	COC-023	2/28/2024	4/4/2024	Drilled 4 - 2" pipes	60	ft	46	\$/ft	\$2,760.00
11	COC-024	1/30/2024	4/4/2024	Drilled 4 -4" pipes	130	ft	53.33	\$/ft	\$6,932.90
12	COC-025	2/5/2024	4/4/2024	Drilled 4 -4" pipes	135	ft	53.33	\$/ft	\$7,199.55
13	COC-026	2/9/2024	4/4/2024	Drilled 4 -4" pipes	135	ft	53.33	\$/ft	\$7,199.55
14	COC-027	2/15/2024	4/4/2024	Drilled 4 -4" pipes	130	ft	53.33	\$/ft	\$6,932.90
15	COC-028	2/19/2024	4/4/2024	Drilled 4 -4" pipes	140	ft	53.33	\$/ft	\$7,466.20
16	COC-029	2/20/2024	4/4/2024	Drilled 4 -4" pipes	140	ft	53.33	\$/ft	\$7,466.20
17	COC-030	2/21/2024	4/4/2024	Drilled 4 -4" pipes	140	ft	53.33	\$/ft	\$7,466.20
18	COC-031	2/22/2024	4/4/2024	Drilled 4 -4" pipes	137	ft	53.33	\$/ft	\$7,306.21
19	COC-032	2/23/2024	4/4/2024	Drilled 4 -4" pipes	140	ft	53.33	\$/ft	\$7,466.20
20	COC-033	2/26/2024	4/4/2024	Drilled 4 -4" pipes	140	ft	53.33	\$/ft	\$7,466.20
21	COC-034	2/27/2024	4/4/2024	Drilled 4 -4" pipes	120	ft	53.33	\$/ft	\$6,399.60
22	COC-035	2/20/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
23	COC-036	2/21/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
24	COC-037	2/22/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
25	COC-038	2/23/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
26	COC-039	2/26/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
27	COC-040	2/27/2024	4/4/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
28	COC-048	3/6/2024	4/12/2024	Drill - Air Hammering	5	hrs	760	\$/hr	\$3,800.00
29	COC-049	3/6/2024	4/12/2024	Drill - Air Hammering	8	hrs	760	\$/hr	\$6,080.00
30	COC-050	3/7/2024	4/12/2024	Drill - Air Hammering	7	hrs	760	\$/hr	\$5,320.00
31	COC-051	3/7/2024	4/12/2024	1/0 Wire Pulled in conduit	3755	ft	1.05	\$/ft	\$3,942.75
31	COC-051	3/7/2024	4/12/2024	Transformer	1	ea	1500	\$/unit	\$1,500.00
31	COC-051	3/7/2024	4/12/2024	Transformer Pad	1	ea	1000	\$/unit	\$1,000.00
32	COC-052	3/8/2024	4/12/2024	Drilled 4 - 2" pipes	150	ft	46	\$/ft	\$6,900.00
33	COC-053	3/8/2024	4/12/2024	Drilled 4 - 2" pipes	100	ft	46	\$/ft	\$4,600.00
34	COC-055	3/13/2024	4/20/2024	Drill - Air Hammering	8	hrs	760	\$/hr	\$6,080.00
35	COC-056	3/14/2024	4/20/2024	Drill - Air Hammering	9	hrs	760	\$/hr	\$6,840.00
36	COC-057	3/18/2024	4/20/2024	Drill - Air Hammering	3	hrs	760	\$/hr	\$2,280.00
Total Contract Cost									\$233,244.46

Material Cost			
Description	Amount	Unit Cost	Cost
1 2" Petroflex	4,624.00 ft	\$0.99	\$4,577.76
2 500 KVA 277/480 XFMR	1.00 ea		\$0.00
3 1/0 EPR	3,468.00 ft	\$4.35	\$15,085.80
4 Standard pad (500KVA)	1.00 ea		\$0.00
5 4" Petroflex	5,000.00 ft	\$4.02	\$20,100.00
6 WOOD POLE, WQC, 55' CLASS 3	4	\$381.94	\$1,527.75
7 WIRE, TIE, #6 CU-SD (25# SPOOL)-315ft. Per Roll (Ground)	310	\$0.66	\$204.60
8 CLAMP, GROUND ROD, 5/8" (BLK#JAB58H) OR (PENN-UNION#CAB-2)	4	\$3.06	\$12.23
9 GROUND WIRE STAPLES, 1/4"X1-1/2" (BOX)	130	\$0.22	\$28.60
10 ROD, GROUND 5/8"X8", CU. CTD, GALV 6258	12	\$20.50	\$246.00
11 Rod,Ground-Coupling Threadless-Demark-Grc-5/8-Cp	8	\$2.58	\$20.64
12 BOLT, MACHINE, 5/8" X 12" (J8812)	10	\$2.12	\$21.20
13 CLEVIS, SECONDARY (J1300)	2	\$6.94	\$13.87
14 INSULATOR, POLE TOP -F-Neck- P55-4gr-Hpi55-4-Poly	6	\$6.15	\$36.90
15 INSULATOR, SPOOL (J151) OR (VICTOR#2012)-P532g-Poly#Hpi-53-2	2	\$1.40	\$2.80
16 WASHER, SQUARE, 2-1/4"X2-1/4" (1076) For 5/8 Machine Bolts	10	\$0.29	\$2.90
17 Fiberglass,Bat Wing,Bracket-# G2HDA248DV1 -(2 Phase)-48"	2	\$114.33	\$228.67
18 POLE TOP PIN, FIBERGLASS-G1MDR113AS1-(A/F #F1CS-MV V13-RHP-1)	2	\$66.67	\$133.34
19 BOLT, MACHINE, 5/8" X 12" (J8812)	5	\$2.12	\$10.60
20 CLEVIS, SECONDARY (J1300)	1	\$6.94	\$6.94
21 INSULATOR, POLE TOP -F-Neck- P55-4gr-Hpi55-4-Poly	3	\$6.15	\$18.45
22 INSULATOR, SPOOL (J151) OR (VICTOR#2012)-P532g-Poly#Hpi-53-2	1	\$1.40	\$1.40
23 WASHER, SQUARE, 2-1/4"X2-1/4" (1076) For 5/8 Machine Bolts	5	\$0.29	\$1.45
24 Fiberglass,Bat Wing,Bracket-# G2HDA248DV1 -(2 Phase)-48"	1	\$114.33	\$114.33
25 POLE TOP PIN, FIBERGLASS-G1MDR113AS1-(A/F #F1CS-MV V13-RHP-1)	1	\$66.67	\$66.67
26 INSULATOR, SPOOL (J151) OR (VICTOR#2012)-P532g-Poly#Hpi-53-2	1	\$1.40	\$1.40
27 CLEVIS, SECONDARY (J1300)	1	\$6.94	\$6.94
28 WASHER, SQUARE, 2-1/4"X2-1/4" (1076) For 5/8 Machine Bolts	5	\$0.29	\$1.45
29 BOLT, EYE, 5/8"X10" (J9410) OR (CHANCE#29960)	1	\$2.65	\$2.65
30 BOLT, MACHINE, 5/8" X 12" (J8812)	2	\$2.12	\$4.24
31 Crossarm,Fiberglass,4"X6"X8"-ldb096g12242-Deadend	1	\$300.82	\$300.82
32 INSULATOR, SUSPENSION, 15KV, POLY BELL ARP 15SKCE-S	3	\$9.50	\$28.51
33 WIRE, GUY, 3/8" (250' HAND COILS)	80	\$0.56	\$44.80
34 GRIP, GUY, 3/8" (GDE-1107) (HG-210-3/8)	4	\$4.80	\$19.20
35 SCREW, LAG, Machined, 1/2"X4" (J8754TP)-Gp Has Threads To Bottom-J8784 Gp-Hard Head	2	\$0.41	\$0.82
36 WASHER, CURVED, 3"X3", 13/16"HOLE (J6823) For 5/8 Machine Bolts	2	\$1.24	\$2.48
37 GUY ATTACHMENT, MULTIPLE (J# P345) OR (CHANCE# GEPSA)-New#Mga345	2	\$8.24	\$16.49
38 INSULATOR ,GUY , LINK STICK ,144" -(FGS16-144CT) Aluma-Form	2	\$41.68	\$83.36
39 ANCHOR, HELIX, 8" (D82-6) OR (Gresco TAPL625-10(8))	2	\$36.65	\$73.30
40 ROD, ANCHOR, TWIN EYE, PISA, 5/8" X 7" (D62-D) OR (E102-0043)	2	\$24.68	\$49.36
41 ANCHOR, 8" EXPANDABLE, CONE TYPE	2	\$8.00	\$16.00
42 CLAMP, DEAD END, 2/0-556.5 ACSR, (MACLEAN# HD50-88)	6	\$17.74	\$106.43
43 GRIP, DISTRIBUTION, 4/0 (DG-4547)	2	\$5.81	\$11.62
44 ARRESTER, RISER POLE, POLYMER, 9/10 KV (ZRP010-0000000)	3	\$56.25	\$168.75
45 BOLT, EYE, 5/8"X10" (J9410) OR (CHANCE#29960)	1	\$2.65	\$2.65
46 BOLT, MACHINE, 5/8" X 12" (J8812)	1	\$2.12	\$2.12
47 CUTOFF, POLY, 200 AMP, 15KV, SIL-215-395P (Powerline)	3	\$121.00	\$363.00
48 GRIP, KELLUM FOR 1/0 - 4/0 EPR WIRE (Lewis # OE-112-SWB-PGE) Pink	3	\$18.20	\$54.60
49 VENT BOOT, PVC, FOR 2"-6" RISER, (PEAD2-6VENTED)[Pead 2-8]	1	\$36.00	\$36.00
50 SCREW, LAG, Machined, 1/2"X4" (J8754TP)-Gp Has Threads To Bottom-J8784 Gp-Hard Head	1	\$0.41	\$0.41
51 SCREW, LAG, RISER 1/4"X2" (J26486.1) OR (EMCO-106)	25	\$0.18	\$4.50
52 CLEVIS, THIMBLE-EYE, ANCHOR SHACKLE (J2742)	1	\$5.33	\$5.33
53 WASHER, SQUARE, 2-1/4"X2-1/4" (1076) For 5/8 Machine Bolts	2	\$0.29	\$0.58
54 TERMINATING KIT, 1/0, POTHEAD, (PCT11240-4) (3M 7652-5-4-1/0)	3	\$60.99	\$182.98
55 GUARD, RISER, 10' STICK, 4"	4	\$31.25	\$125.00
56 WIRE, GROUND, #2-7 STRAND, CU (25# SPOOL)-125ft.Per Roll	50	\$1.32	\$66.00
57 Fiberglass,3ph Cutout/Arrester Bkt# G3MA024818DDB, F3CA-MV-H4818-D3-H, T3	1	\$132.98	\$132.98
58 WIRE, RISER #4 Polywire	36	\$1.01	\$36.36
59 CLAMP, HOT LINE, #8-2/0, (MACLEAN#C1520) OR (ANDERSON#BC2/0)	3	\$12.18	\$36.54
60 GUARD, WILDLIFE, ARRESTER, GREY (KADDA5# KE1053GR)	3	\$13.55	\$40.65
61 FUSE, K-TYPE, 80A	3	\$6.72	\$20.15
62 GUARD, GUY (70-7YTIE)	3	\$3.30	\$9.90
63 TIE, IN-LINE, 336-Utf-1210	6	\$6.55	\$39.30
64 TIE, SPOOL, 4/0 (EZSP-4378)	2	\$3.55	\$7.10
65 STIRRUP, 336, ACSR (KKBN-0-2)-Scn50	3	\$21.50	\$64.50
66 WIRE, 336 ACSR (MERLIN) 5695' REELS	1500	\$0.65	\$975.00
67 WIRE, 4/0 ACSR (PENGUIN) 3040' REELS	500	\$0.47	\$232.50
Total Material Cost			\$45,839.67

Material Cost Future OH					
Material	Qty	Cost	Extended	Subtotal	
WOOD POLE 55-3 POLE	2	\$ 381.93	\$ 763.86	\$ 993.02	
WIRE TIE #6 CU-SD	125	\$ 0.66	\$ 82.50	\$ 107.25	
CLAMP, GROUND ROD, 5/8"	2	\$ 3.05	\$ 6.10	\$ 7.93	
GROUND WIRE STAPLES	100	\$ 0.22	\$ 22.00	\$ 28.60	
ROD, GROUND 5/8"X8'	6	\$ 20.50	\$ 123.00	\$ 159.90	
ROD, GROUND-COUPLING THREADLESS 5/8	4	\$ 2.58	\$ 10.32	\$ 13.42	
BOLT, MACHINE, 5/8" x 12"	8	\$ 2.12	\$ 16.96	\$ 22.05	
CLEVIS SECONDARY	2	\$ 6.93	\$ 13.86	\$ 18.02	
INSULATOR POLE TOP -F-NECK	2	\$ 6.15	\$ 12.30	\$ 15.99	
INSULATOR SPOOL POLY	2	\$ 1.40	\$ 2.80	\$ 3.64	
WASHER, SQUARE, 2-1/4"X2-1/4"	8	\$ 0.29	\$ 2.32	\$ 3.02	
CROSSARM, FIBER GLASS DEADEND	2	\$ 300.82	\$ 601.64	\$ 782.13	
INSULATOR, SUSPENSION, POLY BELL	6	\$ 9.50	\$ 57.00	\$ 74.10	
WIRE GUY 3/8"	80	\$ 0.56	\$ 44.80	\$ 58.24	
GRIP, GUY, 3/8"	2	\$ 4.80	\$ 9.60	\$ 12.48	
GUY ATTACHMENT	2	\$ 8.24	\$ 16.48	\$ 21.42	
INSULATOR LINK STICK	2	\$ 41.68	\$ 83.36	\$ 108.37	
ANCHOR HELIX 8"	2	\$ 36.65	\$ 73.30	\$ 95.29	
ROD, ANCHOR, TWIN EYE	2	\$ 24.68	\$ 49.36	\$ 64.17	
ANCHOR 8" EXPANDABLE, CONE TYPE	2	\$ 8.00	\$ 16.00	\$ 20.80	
CLAMP, DEAD END 2/0-556.5 ACSR	6	\$ 17.73	\$ 106.38	\$ 138.29	
GRIP, DISTRIBUTION, 4/0	2	\$ 5.58	\$ 11.16	\$ 14.51	
CUTOUT POLY	6	\$ 121.00	\$ 726.00	\$ 943.80	
GRIP, KELLUM FOR 1/0-4/0 EPR	6	\$ 18.20	\$ 109.20	\$ 141.96	
VENT BOOT	2	\$ 36.00	\$ 72.00	\$ 93.60	
SCREW, LAG, RISER 1/4"x2"	25	\$ 0.18	\$ 4.50	\$ 5.85	
TERMINATING KIT 1/0 POTHEAD	6	\$ 60.99	\$ 365.94	\$ 475.72	
GUARD, RISER 10' STICK 4"	8	\$ 31.25	\$ 250.00	\$ 325.00	
FIBERGLASS, 3PH CUTOUT/ARRESTER BRKT	2	\$ 132.98	\$ 265.96	\$ 345.75	
CLAMP HOT LINE #8-2/0	6	\$ 12.18	\$ 73.08	\$ 95.00	
GUARD WILDLIFE, ARRESTER	6	\$ 13.54	\$ 81.24	\$ 105.61	
WIRE 336 ACSR	900	\$ 0.65	\$ 585.00	\$ 760.50	
WIRE 4/0 ACSR	300	\$ 0.46	\$ 138.00	\$ 179.40	
STIRRUP, 336,ACSR	6	\$ 21.50	\$ 129.00	\$ 167.70	
Minor Material	1	\$ 50.00	\$ 50.00	\$ 50.00	
Breaker Operation	0	\$ 100.00	\$ -	\$ -	
Total Material			\$	6,452.53	

Material Cost Future OH				
Material	Qty	Cost	Extended	Subtotal
TAPE,ELECTRICAL,BLACK(PLYMOUTH BISHOP	10	\$ 3.92	\$ 39.20	\$ 50.96
WIRE, UG PRIMARY, 1/0 AL, 25KV, 260 MIL EPR INSULATION (2500' REEL	11,000	\$ 4.35	\$ 47,850.00	\$ 62,205.00
PAD-CONCRETE, FOR 3-PHASE TRANSFORMER, 65 X 76 (P-40)	1	\$ 368.57	\$ 368.57	\$ 479.14
ELBOW, 1/0, 25kv, 200A, 260mil	3	\$ 36.48	\$ 109.44	\$ 142.27
PVC ELBOW , SWEEPING	4	\$ 22.46	\$ 89.84	\$ 116.79
Arrester,Elbow,Surge-	3	\$ 98.29	\$ 294.87	\$ 383.33
WIRE, GROUND, #2-7 STRAND, CU (125	\$ 1.32	\$ 165.00	\$ 214.50
CAP, INSULATED W/GROUND, 25kv	3	\$ 35.56	\$ 106.68	\$ 138.68
CLAMP, GROUND ROD, 5/8"	1	\$ 2.30	\$ 2.30	\$ 2.99
LUG, CASE GROUNDING	2	\$ 1.58	\$ 3.16	\$ 4.11
ROD, GROUND 5/8"X8", CU. CTD, GALV	2	\$ 20.50	\$ 41.00	\$ 53.30
Rod,Ground-Coupling Threadless-Demark-	2	\$ 2.58	\$ 5.16	\$ 6.71
WIRE, GROUND, #2-7 STRAND, CU (25# SPOOL)-	35	\$ 1.32	\$ 46.20	\$ 60.06
BUSHING INSERT, WELL PLUG,	6	\$ 39.00	\$ 234.00	\$ 304.20
INDICATOR, FAULT, 200A	3	\$ 80.61	\$ 241.83	\$ 314.38
LUG, CASE GROUNDING	2	\$ 2.30	\$ 4.60	\$ 5.98
PAD-CONCRETE, FOR 3-PHASE TRANSFORMER	1	\$ 595.00	\$ 595.00	\$ 773.50
CES PADLOCK	1	\$ 12.97	\$ 12.97	\$ 16.86
WARNING SIGN	1	\$ 10.00	\$ 10.00	\$ 13.00
PARKING STAND BUSHING, INSULATED, 25kv,	3	\$ 64.63	\$ 193.89	\$ 252.06
1500 KVA 277/480 transformer	1	\$ 61,226.00	\$ 61,226.00	\$ 79,593.80
Minor Material	1	\$ 50.00	\$ 50.00	\$ 50.00
Total Material			\$	145,181.62

CES Personel Man hours Existing			
1	BURGESS, DAVE	54	\$3,096.90
2	Brendan Miller	54	\$3,046.68
3	CROWE, ZACHARY	4	\$207.84
4	Colbie Clark	54	\$2,303.10
5	Colton Wade	7	\$394.94
6	Parker Martin	54	\$3,046.68
7	WHITE, TAYLOR	7	\$401.45
	TOTAL	234	\$12,497.59

CES Personel Man hours Future OH				
Classification	Qty	Hours	Rate	Subtotal
Supervisor	1	12.00	\$ 98.50	\$ 1,182.00
Technician	1	12.00	\$ 70.79	\$ 849.48
Lead Lineman	1	24.00	\$ 75.87	\$ 1,820.88
Apprentice	1	24.00	\$ 56.42	\$ 1,354.08
Groundman	2	24.00	\$ 48.63	\$ 2,334.24
Total Labor		96.00	\$	7,540.68

CES Personel Man hours Future UG				
Classification	Qty	Hours	Rate	Subtotal
Supervisor	1	12.00	\$ 98.50	\$ 1,182.00
Technician	1	12.00	\$ 70.79	\$ 849.48
Lead Lineman	1	24.00	\$ 75.87	\$ 1,820.88
Apprentice	1	24.00	\$ 56.42	\$ 1,354.08
Groundman	2	24.00	\$ 48.63	\$ 2,334.24
Total Labor		96.00	\$	7,540.68

CES Equipment Cost				
Equipment Code	Equipment	Hours	Rate	
	502 Tandem Axle Line Truck (502)	7	103.04	\$721.28
	555 Bucket Truck - 55' Load Lift (555)	7	77.2	\$540.40
	559 SMALL BUCKET TRUCK (559)	7	82.74	\$579.18
	516 Bucket Truck 55' Load Lift (516)	4	77.2	\$308.80
	555 Bucket Truck - 55' Load Lift (555)	4	77.2	\$308.80
	502 Tandem Axle Line Truck (502)	7	103.04	\$721.28
	516 Bucket Truck 55' Load Lift (516)	7	77.2	\$540.40
	555 Bucket Truck - 55' Load Lift (555)	7	77.2	\$540.40
	550 F-550, Super Duty 4WD Truck (550)	7	32.09	\$224.63
	568 Vacuum Excavator	7	62.52	\$437.64
	502 Tandem Axle Line Truck (502)	7	103.04	\$721.28
	570 F-250 4WD	7	16.44	\$115.08
	568 Vacuum Excavator	7	62.52	\$437.64
	555 Bucket Truck - 55' Load Lift (555)	7	77.2	\$540.40
	502 Tandem Axle Line Truck (502)	7	103.04	\$721.28
	570 F-250 4WD	7	16.44	\$115.08
	568 Vacuum Excavator	7	62.52	\$437.64
	540 Material/Pole Trailer - Tandem (540)	7	13.97	\$97.79
	555 Bucket Truck - 55' Load Lift (555)	7	77.2	\$540.40
	570 F-250 4WD	7	16.44	\$115.08
	568 Vacuum Excavator	7	62.52	\$437.64
	570 F-250 4WD	7	16.44	\$115.08
	568 Vacuum Excavator	7	62.52	\$437.64
	570 F-250 4WD	7	16.44	\$115.08
	568 Vacuum Excavator	7	62.52	\$437.64
	570 F-250 4WD	4	16.44	\$65.76
	568 Vacuum Excavator	4	62.52	\$250.08
Total Equipment Cost				\$10,623.40

CES Equipment Cost Future OH				
Item	Hours	Rate		Subtotal
Pickup Truck - 1/2 ton	24.00	\$	12.62	\$ 302.88
Pickup Truck -3/4 ton or 4WD	24.00	\$	16.44	\$ 394.56
Bucket Truck - 41' Load Lift	24.00	\$	82.74	\$ 1,985.76
Bucket Truck - 55' Load Lift	24.00	\$	77.20	\$ 1,852.80
Line Truck - Tandem	24.00	\$	103.04	\$ 2,472.96
Material/Pole Trailer - Tandem	24.00	\$	13.97	\$ 335.28
Vacuum Excavator	16.00	\$	62.52	\$ 1,000.32
Total Equipment	160.00	\$		8,344.56

CES Equipment Cost Future UG				
Item	Hours	Rate		Subtotal
Pickup Truck - 1/2 ton	24.00	\$	12.62	\$ 302.88
Pickup Truck -3/4 ton or 4WD	24.00	\$	16.44	\$ 394.56
Bucket Truck - 41' Load Lift	24.00	\$	82.74	\$ 1,985.76
Bucket Truck - 55' Load Lift	24.00	\$	77.20	\$ 1,852.80
Line Truck - Tandem	24.00	\$	103.04	\$ 2,472.96
Material/Pole Trailer - Tandem	24.00	\$	13.97	\$ 335.28
Vacuum Excavator	16.00	\$	62.52	\$ 1,000.32
Total Equipment	160.00	\$		8,344.56

Company	Quote for Installing Conduit and Bore to 1500 KVA Transformer	
Utility Services		65,000

Total
\$550,609.75

From: Chad Prater <cprater@cityofcartersville.org>
Sent: Wednesday, April 10, 2024 12:32 PM
To: Satya Madivala (satya.madivala@hines.com)
Subject: ATKORE UG 422024D.pdf
Attachments: ATKORE UG 422024D.pdf

Satya,

Attached is what is installed and what will need to be installed. The “green” is what’s been installed and the “red” is to be installed. If you have any questions don’t hesitate to give me a call.

Thanks

Chad Prater



SAFETY
 TAKES PRECEDENCE OVER ALL OTHER
 REQUIREMENTS. NO ACCIDENT
 ON THIS JOB



COLOR LEGEND:
 RED (240) - NEW CONSTRUCTION
 GREEN (192) - EXISTING TO REMAIN
 BROWN (17) - TO BE DEMOLISHED OR ABANDONED
 BLUE (9) - UPDATE OR CORRECTION TO CTS MAP
 ORANGE (18) - EQUIPMENT ASSOCIATED WITH JOB
 PURPLE (200) - REPLACE OR REPAIR

- W.O. 58459
- INSTALL (6) 55-3 POLES
- INSTALL (2) C/F
- INSTALL (1) C/F/A
- INSTALL (3) C/F
- INSTALL (4) F1
- INSTALL (1) E1-S
- INSTALL (2) E1
- INSTALL (3) UM2-SA
- SWITCH# 191 3-80A K FUSES,
- INSTALL APPROX 1,752" OF
- 336 PRIMARY
- INSTALL APPROX 784' OF 1/2
- NEUTRAL
- INSTALL APPROX 12,390 OF 1/2
- EPR
- INSTALL APPROX 6,920' OF 4"
- TRIPLEX CONDUIT
- INSTALL APPROX 4,800' OF 2"
- TRIPLEX CONDUIT
- INSTALL APPROX 4,800' OF 2"
- STICK CONDUIT
- INSTALL (1) STANDARD PAD
- FOR 45-1000 KVA PAD MOUNT
- INSTALL (1) STANDARD PAD
- FOR 1000-2500 KVA PAD
- MOUNT
- INSTALL (1) 1500 KVA 286
- INSTALL (1) 500 KVA 277/480
- INSTALL (1) FAULT INDICATOR
- FEEDER # B7452

SHEET: 01 OF 01

CITY OF CARTERSVILLE
 ELECTRIC UTILITIES

PROJECT NAME: 1186 CASSVILLE WHITE ROAD
 WORK ORDER #: W.O. 58459
 START DATE: N/A
 LOCATE #: 240123-005983
 LEGAL DATE: 1/30/2024
 GOOD THRU: 2/29/2024
 PROJECT MANAGER: C.PRATER
 DRAWING SCALE: N.T.S.

From: Madivala, Satya <Satya.Madivala@hines.com>
Sent: Saturday, April 13, 2024 9:40 AM
To: Chad Prater
Subject: [EXTERNAL] RE: Atkore

Chad,

Thanks for the reminder. See below. It's the full set of drawings for the project and you'll see the E dwgs as well.

Let me know if you need anything else.

Atkore Drawings:

<https://www.dropbox.com/sh/x21e9vjmmgv1kio/AAAW8qVFeOgGf7wKMSpW4lUsa?dl=0>

Satya B. Madivala
Construction Manager

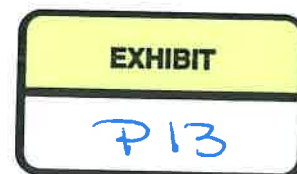
Hines

383 17th Street | Suite 100 | Atlanta, GA 30363

M 347.753.2048

satya.madivala@hines.com

Intelligent Real Estate Investment, Development and Management



From: Chad Prater <cprater@cityofcartersville.org>
Sent: Friday, April 12, 2024 9:09 PM
To: Madivala, Satya <Satya.Madivala@hines.com>
Subject: Atkore

[From an External Email System]

Satya,

I have a meeting with Dan on Monday at 1PM to discuss the project. Could you send me the projected load once Atkore has permanent power.

Thanks

Chad
Sent from my iPhone

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ARCHITECTS PROJECT # 236050

A PROJECT FOR
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