

BEFORE THE PUBLIC SERVICE COMMISSION
STATE OF GEORGIA

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

PREFILED DIRECT TESTIMONY OF FREDDY L. MORGAN
FILED ON BEHALF OF PETITIONER THE CITY OF CARTERSVILLE,
GEORGIA

Q: Please state your name and business address.

A: My name is Freddy L. Morgan, and my business address is 1 N. Erwin Street, Cartersville, Georgia 30120.

Q: Mr. Morgan, 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 June 14, 2021. I currently serve as the Assistant City Manager for the City.

Q: Please describe your educational background and employment history.

A: I have an MBA from Shorter University and a BAS from Southern Polytechnic State University. I was the Energy Services Supervisor for the City of Cartersville from 1995 – 2004. I was the Operations and Maintenance Superintendent for

Marietta Power from 2004 – 2017. And I was the Assistant City Manager and Electric Director for the City of Covington, Georgia from 2017 – 2021.

Q: Now, in addition to your duties as Assistant City Manager, for at least some period of time did you also serve as the City's Acting Electric Superintendent?

A: Yes.

Q: When?

A: March 13, 2024 – June 24, 2024.

Q: And during the time that you served as the City's Acting Electric Superintendent, what did you do?

A: I had full management responsibility of the City's electric system.

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. As I mentioned, I served as the City's Acting Electric Superintendent from March 13, 2024 to June 24, 2024, and I was tasked with overseeing extending electrical service to the project.

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: Typically, the customer provides electrical load data to us, and we calculate the size of the transformer based on the predicted load.

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: Yes.

Q. Let me show you what I've marked as Exhibit P15. What is this document?

A. It is a "Request for Electric Service" from Atkore to the City of Cartersville.

[Tender Exhibit P15 into evidence and review its terms]

Q. Then what happened?

A: We had to acquire a substation breaker and design and build three-phase service to the customer.

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

A: Yes.

Q. Like what?

A: We had to acquire a substation breaker and design and build three-phase service to the customer. We provided 14,500 ft (43,500 ft total) of three-phase service to the customer's premise and to both transformers.

Q: Let me show you what I've marked as Exhibit P16. Do you recognize this document?

A. Yes.

Q: And what is this document?

A. This is an e-mail from Satya Madivala to me dated March 22, 2024.

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 P16 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P17. What is this document?

A. This is an e-mail from Satya Madivala to me dated March 27, 2024.

[Tender Exhibit P17 into evidence and go through it]

Q: Let me show you what I've marked as Exhibit P18. What is this document?

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

[Tender Exhibit P18 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 Chad Prater to Dan Porta and me dated April 4, 2024.

Q: Who is Dan Porta?

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

Q: Who is Chad Prater?

A. He is the Engineering Coordinator for the City of Cartersville Electric System. He was tasked with setting the necessary transformer(s) and installing the infrastructure necessary to bring electrical power to the Atkore facility.

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.

[If not already tendered, tender Exhibit P11 into evidence and go through it]

Q. Did Atkore subsequently reaffirm its election to have Cartersville supply electrical power to the property?

A. Yes, it did.

Q. Let me show you what I've marked as Exhibit P19. Do you recognize this document?

A. Yes.

Q. And what is this document?

A. This is an e-mail from Satya Madivala to me dated April 3, 2024, regarding a proposed letter from Atkore confirming its election to have Cartersville supply electrical power to the property.

[Tender Exhibit P19 into evidence and review its terms]

Q. Let me show you what I've marked as Exhibit P20. What is this document?

A. It is a letter to the City of Cartersville confirming Atkore's November 1, 2023 election to have the City of Cartersville supply electric power to the property.

[Tender Exhibit P20 into evidence and review its terms]

Q. What was required to convert the building from its original use (i.e., as spec office/warehouse/distribution space) to Atkore's use (i.e., a proposed manufacturing facility)?

A: The customer had to upgrade their switchgear and pulled additional secondary wire to each transformer before we could set the new transformers for their upgraded service.

Q. What did Cartersville spend to provide electric power to the Atkore project?

A: To date, Cartersville has spent approximately \$600,000.00 to extend electric power to the facility.

Q. Let me show you what I've marked as Exhibit P21. What is this document?

A. This is an updated spreadsheet showing the costs Cartersville incurred to provide electric power to the Atkore project.

[Tender Exhibit P21 into evidence and review its terms]

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 FREDDY L. MORGAN 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)



Your Pricing

- Firm Incentive
- Not a Variable Baseline Rate Like Our Competitors
- No Additional Fees Added to City of Cartersville Bills
 - No Occupational Tax or Franchise Fee additions
 - No Demand Side Management Fee additions
 - Environmental Compliance and Nuclear Construction Fees already included

The City of Cartersville is committed to working with Atkore to utilize our inherent flexibility and ability to customize our offerings to put together a pricing package that best suits your operational needs. Atkore directly benefits from Cartersville's presence in the wholesale market.

The City of Cartersville is offering Allied Tube & Conduit Corporation a 5-year incentive rate. During this 5-year period, Atkore will pay 65% of the applicable rate. After year 5 the standard applicable rate will go into effect. Based on the provided information, the Large Power rate was used to calculate the estimated pricing. This incentive is based on the Customer's request for a second transformer to be furnished and installed by City of Cartersville, and includes extending the 25kV distribution from the existing transformer location to the second transformer. Any costs associated with taking ownership of existing electric infrastructure on-site are not included and will not be covered by CES.

Please note that this estimate is based on the preliminary information you provided; the installation of (2) transformers; and the service location. Actual billing will be based on actual load and will vary from this estimate.

Rate: **Confidential Information**

5.60 ¢/kWh (all inclusive - includes applicable riders*),
4.12 ¢/kWh (base rate only)

EXHIBIT

P15

***Applicable riders – Riders are subject to change. This rate estimate is based on current applicable riders amounts.**

These rates include all costs with the exception of sales tax. **No facilities charges, nuclear construction fees, franchise fees or occupational taxes will be added to these figures as you will see with our competitor.**

House Bill 386, the Georgia Sales Tax Exemption on Energy, was passed by the Georgia Legislature to promote the economic development of manufacturing in the state of Georgia. This law phases out the State Sales and Use Tax for eligible manufacturers.

The City of Cartersville's electric rates are set locally and are not regulated by the Georgia Public Service Commission (PSC). Our city government is composed of citizens acting for the collective good of our community rather than for a group of spread out stockholders. We are accountable to our customers, the citizens. The City considers Atkore as a partner in future economic progress and looks forward to further discussions to ensure mutual success.



City of Cartersville

ELECTRIC SYSTEM

CITY OF CARTERSVILLE Cartersville, Georgia

Request for Electric Service

I understand that according to the provisions of the Georgia Territorial Electric Service Act, there is a choice of electric suppliers to provide electric service to the below referenced location. I choose to take electric service from the City of Cartersville instead of service from any other electric supplier.

I also understand that once materials have been ordered or work has begun, if I decide NOT to locate my business at this address, I shall reimburse the City of Cartersville for all expenses incurred for providing electric service to the below referenced location.

Customer/Business: Allied Tube & Conduit Corporation

Location: 1181 Cassville White Rd,
White, GA 30184

Signed: Steve London

Printed: Steve London

Title: Vice President of Operations

Date: 11/1/2023

From: Madivala, Satya
Sent: Friday, March 22, 2024 2:57 PM
To: Freddy Morgan <fmorgan@cityofcartersville.org>; Wood, Ryan <Ryan.Wood@hines.com>
Cc: Clifton Blalock <cblalock@cityofcartersville.org>; Chad Prater <cprater@cityofcartersville.org>; Anna Grier <agrier@cityofcartersville.org>
Subject: RE: Atkore service delivery

Freddy,

Thank you for your continued support and commitment to helping Hines and our Tenant become operational as soon as possible. We'll look out for further updates from your team. Please let us know if there is anything Hines can do to help the process.

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: Madivala, Satya
Sent: Wednesday, March 27, 2024 8:46 AM
To: Freddy Morgan <fmorgan@cityofcartersville.org>; Wood, Ryan <Ryan.Wood@hines.com>
Cc: Clifton Blalock <cblalock@cityofcartersville.org>; Chad Prater <cprater@cityofcartersville.org>; Anna Grier <agrier@cityofcartersville.org>
Subject: RE: Atkore service delivery

Hi Freddy,

Hope you're having a good week so far. I know we have our call tomorrow, but wanted to check-in and see if there was any update worth sharing at this time.

Thanks in advance,

Satya B. Madivala
Construction Manager

Hines

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

1

M 347.753.2048

satya.madivala@hines.com

Intelligent Real Estate Investment, Development and Management

EXHIBIT

P17

Chuck Conerly

From: Madivala, Satya <Satya.Madivala@hines.com>
Sent: Thursday, March 28, 2024 4:13 PM
To: Freddy Morgan; Wood, Ryan
Cc: Clifton Blalock; Chad Prater; Anna Grier
Subject: [EXTERNAL] RE: Atkore service delivery



Freddy,

From my notes –

1. Please let us know if you have any comments, questions on the easement information I fwd'ed you earlier this afternoon.
2. When available, please forward us the draft form of the affirmation letter. We'll review, edit if needed, put on Hines letterhead, sign, scan and send back asap.

What is your suggestion in regards to who should 'author' this letter? Hines? Atkore? Or both?

Thank you,

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: 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



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# GEP5A)-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 CUTOUT, 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 (KADDAS# KE1053GR)	3	\$13.55		\$40.65
61 FUSE, K-TYPE, 80A	3	\$6.72		\$20.15
62 GUARD, GUY (70-7YTIIE)	3	\$3.30		\$9.90
63 TIE, IN-LINE, 336-Utf-1210	6	\$6.55		\$39.30
64 TIE, SPOOL, 4/0 (EZ5P-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: Madivala, Satya
Sent: Wednesday, April 3, 2024 12:14 PM
To: Freddy Morgan <fmorgan@cityofcartersville.org>
Cc: Dan Porta <dporta@cityofcartersville.org>; Samantha Fincher <sfincher@cityofcartersville.org>; Wood, Ryan <Ryan.Wood@hines.com>
Subject: RE: [EXTERNAL] Allied Tube & Conduit Corporation - Electric Service 1181 Cass-White Rd

Freddy,

The language highlighted is incorrect -

The purpose of this letter is to confirm that on November 1, 2023, Allied Tube and Conduit Corporation signed a Request for Electric Service with the City of Cartersville for property located at 1181 Cassville-White Road. Additionally, we hereby confirm that in regard to the property at 1181 Cassville-White Road, our corporation has not signed any service agreement with Georgia Power Company, nor any of its related entities. Following signing with the City of Cartersville, we discussed the possibility of service with Georgia Power Company. Georgia Power Company informed us that it was unable to serve us at said time, and that it would be at least a year before they could service said address, due to a shortage of transformers.

Here's our proposed edit -

The purpose of this letter is to confirm that on November 1, 2023, Allied Tube and Conduit Corporation signed a Request for Electric Service with the City of Cartersville for property located at 1181 Cassville-White Road. Additionally, we hereby confirm that in regard to the property at 1181 Cassville-White Road, our corporation has not signed any service agreement with Georgia Power Company, nor any of its related entities. Prior to signing with the City of Cartersville, during the month of June 2023, there were email communications with Georgia Power Company on our electrical needs. On June 20, 2023, Georgia Power Company informed us that transformers availability is between 12 to 18 months and that they would not be able to service said address any sooner than that timeframe.

Please let me know if this acceptable.

Thank you,

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





16100 South Lathrop Avenue
Harvey, IL 60426
Office 708-339-1610
Phone 800-882-5543
Web atkore.com

April 3, 2024

VIA Email

Mayor and City Council
City of Cartersville
PO Box 1390
Cartersville GA 30120

RE: Confirmation of Request for Electrical Service dated November 1, 2023
Location of Service: 1181 Cassville-White Road, Cartersville, GA 30184

Ladies and Gentlemen,

The purpose of this letter is to confirm that on November 1, 2023, Allied Tube and Conduit Corporation signed a Request for Electric Service with the City of Cartersville for property located at 1181 Cassville-White Road. Additionally, while Georgia Power Company is currently providing electric service to the subject property, we hereby confirm our intention remains for the City of Cartersville to provide the services once the necessary work is completed.

Sincerely,

ALLIED TUBE AND CONDUIT CORPORATION

Steve London

Steve London
Vice President, Regional Service Center Operations

Mobile 215-961-2579
Email slondon@@atkore.com



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	\$43,750.00	\$43,750.00	
3 1/0 EPR	3,468.00 ft	\$4.35	\$15,085.80	
4 Standard pad (500KVA)	1.00 ea	\$596.00	\$596.00	
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# GEP5A)-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# HDSO-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-S-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 (KADDAS# 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	
			\$90,185.67	

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	
Pickup Truck - 1/2 ton	\$ 24.00	\$ 12.62	
Pickup Truck -3/4 ton or 4WD	\$ 24.00	\$ 16.44	
Bucket Truck - 41' Load Lift	\$ 24.00	\$ 82.74	
Bucket Truck - 55' Load Lift	\$ 24.00	\$ 77.20	
Line Truck - Tandem	\$ 24.00	\$ 103.04	
Material/Pole Trailer - Tandem	\$ 24.00	\$ 13.97	
Vacuum Excavator	\$ 16.00	\$ 62.52	
Total Equipment	160.00	\$8,344.56	

Company	
Utility Services	65,000

Total

\$594,955.75