



Date: October 20, 2023

ATTN: Michael Bowser

RE: Blink Charging Turnkey EV Charging Scope of Work Proposal
via Sourcewell Contract #042221-SEM

Address: New Castle County
Appoquinimink Library
204 East Main Street
Middletown, DE 19709

Turnkey Install: (2) Series 8 PLUS 80A Dual Chargers at Appoquinimink Library
1 Year of Network / Warranty included with Each Station
Extra Electrical Capacity for Future Chargers

Blink Charging thanks GreenNCC for the opportunity to provide this Turnkey EV Charging installation service. Please see details in the following pages regarding the equipment, services and installation work included in the scope.

Equipment and Services Included:

- (2) Series 8 PLUS 80A Dual Level 2 Charging Station
- Cable Management Systems included with each station
- 1 Year of Network and Warranty coverage included with each station



**Series 8 PLUS 80A Dual Level 2 Charger
with Credit Card Reader and Touchless Pay Options**

Blink Charging Turnkey EV Installation
GreenNCC—Appoquinimink Library L2 Proposal

Turnkey Installation Services Included:

Provide high level coordination with GC/CM, owner and facilities throughout construction.

All work in accordance with National Electrical Code and local jurisdiction.

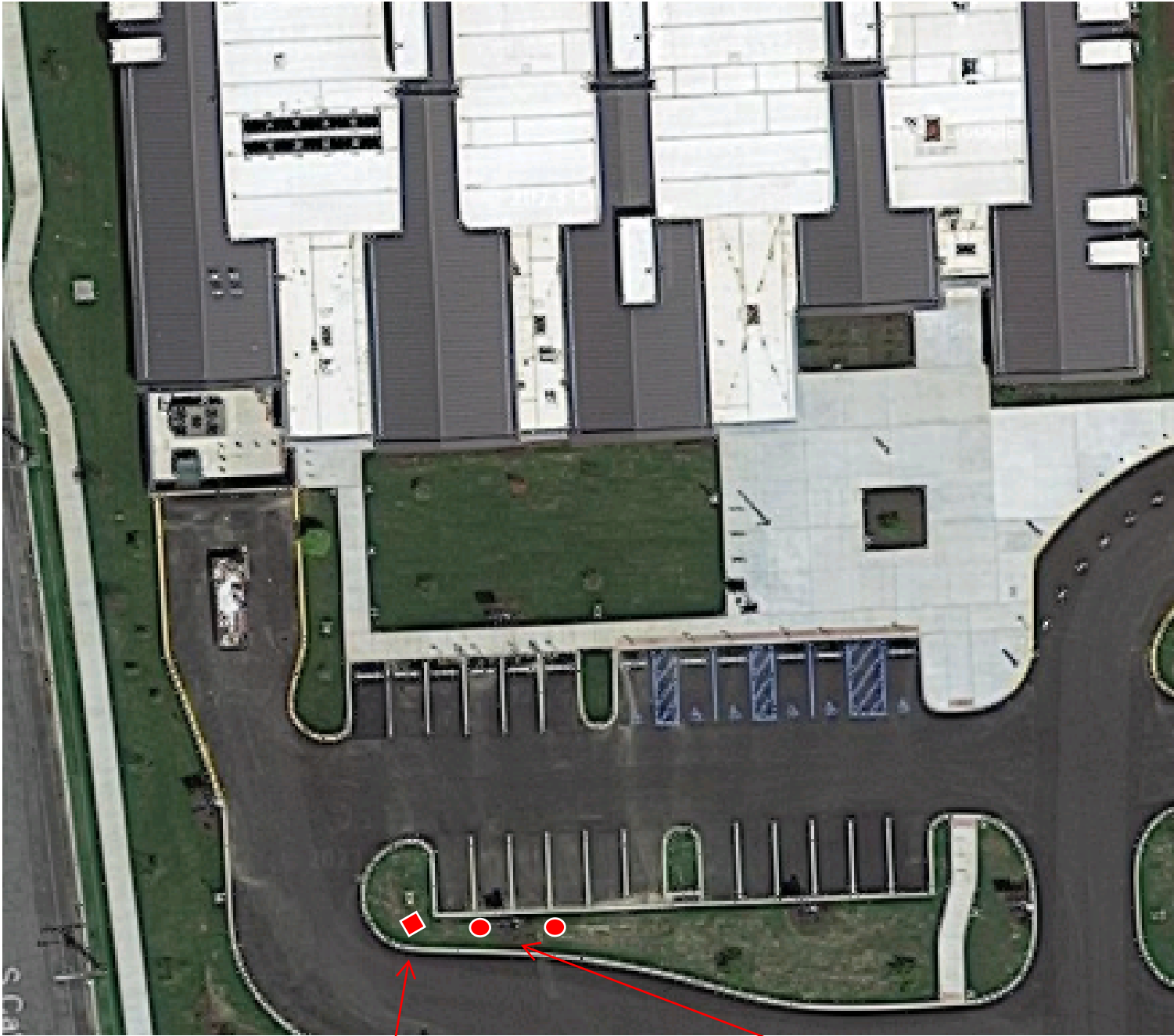
All Permitting and Inspecting, Engineered Drawings, Labor and Materials Needed to complete the following:

- Provide and install breaker to power 400a 208v panelboard for EV chargers.
 - This will support up to 10 plugs (5 Dual Chargers) onsite depending on how the site is programmed.
- Perform directional boring and complete site prep including concrete pads, bollards, etc.
- Provide and Install conductors, raceways, wiring and disconnects to install (2) Dual Port 80A Level 2 chargers. Wire will be (4) CU #3 wires in a 1 1/4" conduit to each dual charger.
- Furnish and Install (2) Series 8 PLUS 80A Level 2 Chargers and Cable Management Systems.
- Complete Electrical Termination, test and finalize all electrical connections.
- Assist in System Commissioning via Blink's Network Operations Center.

Excludes:

- ADA, PMP, structural/architectural/civil design or engineering outside the above scope
- Changes in work required by AHJ, plans review, or inspections
- Utility company fees, meters, incoming duct banks or feeders
- Repairs to damages of underground items encountered while excavating or boring
- Concrete, rock or hazardous material removal or disposal
- Line striping or signage
- Emergency or back up power
- Curb and gutter or sidewalk work
- Off hours, wage scale, or certified payroll
- New panels, troubleshooting, repairs to existing or service
- Project is to be standard pay scale and not Davis Bacon scale wages

APPOQUINIMINK LIBRARY



PROPOSED LOCATION
FOR PANEL

PROPOSED
LOCATIONS
FOR (2) 2
PORT
CHARGERS

Series 8 EV Charging Station



	30 A	48 A	80 A
ELECTRICAL SPECIFICATION			
AC OUTPUT			
Number of Ports	Two		
Current	30A Max per port	48A Max per port	80A Max per port
Power	7.2 kW (@240VAC) or 6.24kW (@208VAC) Max per port	11.52 kW (@240VAC) or 9.984kW (@208VAC) Max per port	19.2kW (@240VAC) or 16.64kW (@208VAC) Max per port
Energy Metering Accuracy	+/- 1%		
Charging Connector	SAE J1772		
ELECTRICAL SPECIFICATION			
AC INPUT			
Input Connector	Hardwired		
Voltage	208 or 240 VAC		
Service Panel Breaker	Dual-pole common trip 40A breaker, dedicated circuit per port	Dual-pole common trip 60A breaker, dedicated circuit per port	Dual-pole common trip 100A breaker, dedicated circuit per port
Power Connection	Line 1, Line 2 and GND (no neutral) per port		
Standby Power	3.1 W Typical	3.46 W Typical	3.46 W Typical
SAFETY SPECIFICATION			
Safety, Ground Fault Circuit Interrupt	20mA CCID with auto retry (every 15 seconds)		
Automatic Plug-Out Detection	Power terminated per SAE J1772 spec		
Surge Protection	6kV @3,000A		
NETWORK SPECIFICATION			
Data Communication	Cellular 4G LTE		
Charging Infrastructure Communication	OCPP Compliant		
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled		
Load Management	Smart, dynamic allocation and distribution of power to each port		

Series 8 EV Charging Station



	30 A	48 A	80 A
USER INTERACTION SPECIFICATION			
Charging Status Indicator	High visibility, multi-color LED visual status indication		
Display	LCD Screen - 4 line, 20 characters per line		
Authentication	RFID: ISO14443 Type A & B, MiFare, Felica, ISO15693 NFC: Apple VAS, NEMA		
ENVIRONMENTAL SPECIFICATION			
Enclosure	Aluminum, NEMA 3R outdoor rated		
Operating Humidity	Up to 95% non-condensing		
Operating Temperature	-30 degree C to +50 degree C ambient		
Operating Altitude	<=6560 ft		
MECHANICAL SPECIFICATION			
Dimensions	20.5" H x 7.4" W x 7.4" D		
Approximate Weights	Device: 15.5 lbs. Pedestal mount: 12.5 lbs. Wall mount bracket: 11.5 lbs	Device: 21 lbs. Pedestal mount: 12.5 lbs. Wall mount bracket: 11.5 lbs.	
Mounting Option	Wall or Pedestal mount		
Cable Length	18 ft standard, 25ft optional		
Cable Organizer	Optional		
REGULATION			
Safety	UL 2594 / CSA C22.2 No. 280-16 UL 2231-1 / CSA C22.2 No. 281.1-12, UL 2231-2 / CSA C22.2 No. 281.2-12 certified		
EMI	FCC Part 15 Class A compliant		
Energy Efficiency	Energy Star certified		
Weights and Measurements	California Type Evaluation Program (CTEP) certified		
Accessibility	ADA compliant		

Turnkey Agreement Pricing

Product	Qty	Price	Sub Total
Series 8+ EV Charging Station - 80A, 18ft cable	2.00	\$5,805.00	\$11,610.00
Blink Pedestal (S7/S7+/S8/S8+)	2.00	\$153.75	\$307.50
Blink Anchor Plate (S5/S6/S7/S7+/S8/S8+)	2.00	\$33.75	\$67.50
Blink Cable Management System - Dual - 80A (S7+/S8+)	2.00	\$600.00	\$1,200.00
Blink CMS Mounting Kit - Pedestal (S5/S6/S7/S7+/S8/S8+)	2.00	\$0.00	\$0.00
Turnkey Installation Services	1.00	\$130,560.00	\$130,560.00
Freight	1.00	\$295.00	\$295.00
Appoquinimink Library L2 Turnkey TOTAL:			\$144,040.00

THIS PROPOSAL IS VALID FOR 30 DAYS

Prepared by Brian Gillespie
Territory Sales Manager at Blink Charging
brian.gillespie@Blink Charging.com | (301) 514-4629

IN WITNESS WHEREOF, the parties hereto have or caused this Agreement to be signed by their duly authorized representatives, as of the day and year first above mentioned.

BLINK CHARGING

Name: _____

Title: _____

Date: _____

GreenNCC

Name: _____

Title: _____

Date: _____



Date: October 20, 2023

ATTN: Michael Bowser

RE: Blink Charging Turnkey EV Charging Scope of Work Proposal
via Sourcewell Contract #042221-SEM

Address: New Castle County
Bear Library
101 Governor's Place,
Bear, DE 19701

Turnkey Install: (2) Series 8 PLUS 80A Dual Chargers at Bear Library
1 Year of Network / Warranty included with Each Station
Extra Electrical Capacity for Future Chargers

Blink Charging thanks GreenNCC for the opportunity to provide this Turnkey EV Charging installation service. Please see details in the following pages regarding the equipment, services and installation work included in the scope.

Equipment and Services Included:

- (2) Series 8 PLUS 80A Dual Level 2 Charging Station
- Cable Management Systems included with each station
- 1 Year of Network and Warranty coverage included with each station



Series 8 PLUS 80A Dual Level 2 Charger
with Credit Card Reader and Touchless Pay Options

Blink Charging Turnkey EV Installation
GreenNCC—Bear Library L2 Proposal

Turnkey Installation Services Included:

Provide high level coordination with GC/CM, owner and facilities throughout construction.

All work in accordance with National Electrical Code and local jurisdiction.

All Permitting and Inspecting, Engineered Drawings, Labor and Materials Needed to complete the following:

- Provide and install breaker to power 400a 208v panelboard for EV chargers.
 - This will support up to 10 plugs (5 Dual Chargers) onsite depending on how the site is programmed.
- Perform directional boring and complete site prep including concrete pads, bollards, etc.
- Provide and Install conductors, raceways, wiring and disconnects to install (2) Dual Port 80A Level 2 chargers. Wire will be (4) CU #3 wires in a 1 1/4" conduit to each dual charger.
- Furnish and Install (2) Series 8 PLUS 80A Level 2 Chargers and Cable Management Systems.
- Complete Electrical Termination, test and finalize all electrical connections.
- Assist in System Commissioning via Blink's Network Operations Center.

Excludes:

- ADA, PMP, structural/architectural/civil design or engineering outside the above scope
- Changes in work required by AHJ, plans review, or inspections
- Utility company fees, meters, incoming duct banks or feeders
- Repairs to damages of underground items encountered while excavating or boring
- Concrete, rock or hazardous material removal or disposal
- Line striping or signage
- Emergency or back up power
- Curb and gutter or sidewalk work
- Off hours, wage scale, or certified payroll
- New panels, troubleshooting, repairs to existing or service
- Project is to be standard pay scale and not Davis Bacon scale wages

BEAR



PROPOSED LOCATION FOR PANEL

PROPOSED
LOCATIONS
FOR (2) 2
PORT
CHARGERS

Series 8 EV Charging Station



	30 A	48 A	80 A
ELECTRICAL SPECIFICATION			
AC OUTPUT			
Number of Ports	Two		
Current	30A Max per port	48A Max per port	80A Max per port
Power	7.2 kW (@240VAC) or 6.24kW (@208VAC) Max per port	11.52 kW (@240VAC) or 9.984kW (@208VAC) Max per port	19.2kW (@240VAC) or 16.64kW (@208VAC) Max per port
Energy Metering Accuracy	+/- 1%		
Charging Connector	SAE J1772		
ELECTRICAL SPECIFICATION			
AC INPUT			
Input Connector	Hardwired		
Voltage	208 or 240 VAC		
Service Panel Breaker	Dual-pole common trip 40A breaker, dedicated circuit per port	Dual-pole common trip 60A breaker, dedicated circuit per port	Dual-pole common trip 100A breaker, dedicated circuit per port
Power Connection	Line 1, Line 2 and GND (no neutral) per port		
Standby Power	3.1 W Typical	3.46 W Typical	3.46 W Typical
SAFETY SPECIFICATION			
Safety, Ground Fault Circuit Interrupt	20mA CCID with auto retry (every 15 seconds)		
Automatic Plug-Out Detection	Power terminated per SAE J1772 spec		
Surge Protection	6kV @3,000A		
NETWORK SPECIFICATION			
Data Communication	Cellular 4G LTE		
Charging Infrastructure Communication	OCPP Compliant		
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled		
Load Management	Smart, dynamic allocation and distribution of power to each port		

Series 8 EV Charging Station



	30 A	48 A	80 A
USER INTERACTION SPECIFICATION			
Charging Status Indicator	High visibility, multi-color LED visual status indication		
Display	LCD Screen - 4 line, 20 characters per line		
Authentication	RFID: ISO14443 Type A & B, MiFare, Felica, ISO15693 NFC: Apple VAS, NEMA		
ENVIRONMENTAL SPECIFICATION			
Enclosure	Aluminum, NEMA 3R outdoor rated		
Operating Humidity	Up to 95% non-condensing		
Operating Temperature	-30 degree C to +50 degree C ambient		
Operating Altitude	<=6560 ft		
MECHANICAL SPECIFICATION			
Dimensions	20.5" H x 7.4" W x 7.4" D		
Approximate Weights	Device: 15.5 lbs. Pedestal mount: 12.5 lbs. Wall mount bracket: 11.5 lbs	Device: 21 lbs. Pedestal mount: 12.5 lbs. Wall mount bracket: 11.5 lbs.	
Mounting Option	Wall or Pedestal mount		
Cable Length	18 ft standard, 25ft optional		
Cable Organizer	Optional		
REGULATION			
Safety	UL 2594 / CSA C22.2 No. 280-16 UL 2231-1 / CSA C22.2 No. 281.1-12, UL 2231-2 / CSA C22.2 No. 281.2-12 certified		
EMI	FCC Part 15 Class A compliant		
Energy Efficiency	Energy Star certified		
Weights and Measurements	California Type Evaluation Program (CTEP) certified		
Accessibility	ADA compliant		

Turnkey Agreement Pricing

Product	Qty	Price	Sub Total
Series 8+ EV Charging Station - 80A, 18ft cable	2.00	\$5,805.00	\$11,610.00
Blink Pedestal (S7/S7+/S8/S8+)	2.00	\$153.75	\$307.50
Blink Anchor Plate (S5/S6/S7/S7+/S8/S8+)	2.00	\$33.75	\$67.50
Blink Cable Management System - Dual - 80A (S7+/S8+)	2.00	\$600.00	\$1,200.00
Blink CMS Mounting Kit - Pedestal (S5/S6/S7/S7+/S8/S8+)	2.00	\$0.00	\$0.00
Turnkey Installation Services	1.00	\$150,000.00	\$150,000.00
Freight	1.00	\$295.00	\$295.00
Bear Library L2 Turnkey TOTAL:			\$163,480.00

THIS PROPOSAL IS VALID FOR 30 DAYS

Prepared by Brian Gillespie
Territory Sales Manager at Blink Charging
brian.gillespie@BlinkCharging.com | (301) 514-4629

IN WITNESS WHEREOF, the parties hereto have or caused this Agreement to be signed by their duly authorized representatives, as of the day and year first above mentioned.

BLINK CHARGING

Name: _____

Title: _____

Date: _____

GreenNCC

Name: _____

Title: _____

Date: _____

Sales Quote

Legal Entity Name: New Castle County
Street Address: 87 Reads Way
City, State, Zip: New Castle, Delaware, 19720
Contact Name: Michael Bowser
Contact Phone #: +13023955386
Contact Email: michael.bowser@newcastlede.gov

Date Quoted: 6/12/2023
Quote Valid Until: 7/9/2023
Account Manager: Brian Gillespie
AM Phone #: +13015144629
AM Email: bgillespie@blinkcharging.com
Quote #: Q-07311

Route 9 Library CFI Sourcewell
Turnkey

Product	Qty	Price	Sub Total
DCFC - 360kW - CCS/CCS	5.00	\$156,391.00	\$781,955.00
Network Fee	5.00	\$216.00	\$1,080.00
Turnkey Installation Services	1.00	\$391,000.00	\$391,000.00
Freigh	1.00	\$3,600.00	\$3,600.00
Route 9 Library CFI Sourcewell Turnkey TOTAL:			\$1,177,635.00

** Tax to be calculated on Invoice*

Payment in full shall be required prior to shipment of any equipment or provisioning of services. Unless noted, the estimated ship date will be determined once the order is placed and payment is received. The term of the Subscriptions purchased by Client shall commence on the date of installation.

Client Acceptance

Client Signature:

Date:

Printed Name & Title:

The purchase of equipment hereunder is governed by the standard terms and conditions available at

<https://www.blinknetwork.com/equipment-tc.html>

The purchase of Blink Network Services hereunder is governed by the standard terms and conditions available at

<https://www.blinknetwork.com/network-tc.html>

Please provide the organization's W-9 and Tax-Exempt Certificate when returning the document to Blink.

Contact Information Sheet

Primary Contact for Invoice

Name:

Email:

Phone:

Address:

Physical address for shipping reception of Charging Stations
Same as primary Contact?

Desired Ship Date:

Estimated installation date:

Name:

Email:

Phone:

Address:

Primary Contact for Reporting & Payment Remittance
Same as primary Contact?

Name on check for Payment (Matches W-9):

Name:

Email:

Phone:

Address:

Primary Contact for Day to Day operations of Charging Stations
Same as primary Contact?

Name:

Email:

Phone:

Address:

[EXTERNAL] Re: New Castle County CFI Grant DCFC Turnkey Quotes



Brian Gillespie <BGillespie@BlinkCharging.com>

To ✓ Bowser, Michael



You replied to this message on 6/12/2023 12:45 PM.
This message was sent with High importance.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content.

Michael,

Here are the Scope of Work descriptions for these two projects.

Route 9 Library:

- Electrical Design, Permit application, rebate and grant assistance
- Stamped Engineered Drawings
- Installation of new electrical service from closest pole.
- Installation of pad for utility provided transformer.
- Provide and Install 2 2000A 480V switchboards.
- Provide and Install conductors/raceways to (5) Dual port DC Fast Chargers
- Install (5) Dual port DC Fast Chargers
- All Equipment pads, directional boring, etc.
- All soil must stay on site.
- Allowance for all brownfield needs, including training, Tyvek suits, testing, etc.

Sales Quote

Legal Entity Name: New Castle County
Street Address: 87 Reads Way
City, State, Zip: New Castle, Delaware, 19720
Contact Name: Michael Bowser
Contact Phone #: +13023955386
Contact Email: michael.bowser@newcastlede.gov

Date Quoted: 6/12/2023
Quote Valid Until: 7/9/2023
Account Manager: Brian Gillespie
AM Phone #: +13015144629
AM Email: bgillespie@blinkcharging.com
Quote #: Q-07312

Claymont Library CFI Grant
Sourcewell Turnkey

Product	Qty	Price	Sub Total
DCFC - 360kW - CCS/CCS	2.00	\$156,391.00	\$312,782.00
Network Fee	2.00	\$216.00	\$432.00
Labor - DCFC	1.00	\$212,500.00	\$212,500.00
Freight	1.00	\$1,695.00	\$1,695.00
Claymont Library CFI Grant Sourcewell Turnkey TOTAL:			\$527,409.00

** Tax to be calculated on Invoice*

Payment in full shall be required prior to shipment of any equipment or provisioning of services. Unless noted, the estimated ship date will be determined once the order is placed and payment is received. The term of the Subscriptions purchased by Client shall commence on the date of installation.

Client Acceptance

Client Signature:

Date:

Printed Name & Title:

The purchase of equipment hereunder is governed by the standard terms and conditions available at

<https://www.blinknetwork.com/equipment-tc.html>

The purchase of Blink Network Services hereunder is governed by the standard terms and conditions available at

<https://www.blinknetwork.com/network-tc.html>

Please provide the organization's W-9 and Tax-Exempt Certificate when returning the document to Blink.

Contact Information Sheet

Primary Contact for Invoice

Name:

Email:

Phone:

Address:

Physical address for shipping reception of Charging Stations
Same as primary Contact?

Desired Ship Date:

Estimated installation date:

Name:

Email:

Phone:

Address:

Primary Contact for Reporting & Payment Remittance
Same as primary Contact?

Name on check for Payment (Matches W-9):

Name:

Email:

Phone:

Address:

Primary Contact for Day to Day operations of Charging Stations
Same as primary Contact?

Name:

Email:

Phone:

Address:

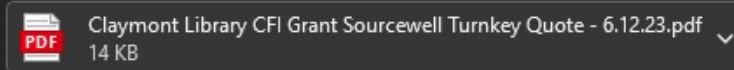
[EXTERNAL] Re: New Castle County CFI Grant DCFC Turnkey Quotes



Brian Gillespie <BGillespie@BlinkCharging.com>

To Bowser, Michael

You replied to this message on 6/12/2023 3:17 PM.



CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is

Hey Michael,

I have attached an updated Quote for the Claymont Library, now including (2) 360kW Dual Chargers. Here's the updated scope description:

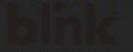
- Electrical Design, Permit application, rebate and grant assistance
- Stamped Engineered Drawings
- Installation of new electrical service from existing utility transformer.
- Provide and Install (1) 1200A 480V switchboard.
- Provide and Install conductors/raceways to (2) 2 port DC fast charger.
- Install (2) Dual Port DC Fast Chargers
- All Equipment pads, directional boring, etc.

I will send a separate email with the broken-out tables of cost projections per category, for both projects.

Thanks,

Brian Gillespie

Territory Sales Manager



P: (301) 514.4629

bgillespie@blinkcharging.com

www.BlinkCharging.com

Please consider the environment before printing this email

(Nasdaq:BLNK)

360kW High Power DCFC



PRODUCT #	HPC-360-480
MAXIMUM POWER	360 kW
OUTPUT VOLTAGE	150-1000VDC
MAX OUTPUT CURRENT	Up to 500A
INPUT VOLTAGE FREQUENCY	480V (3P N + PE) 60 Hz
INPUT CURRENT BREAKER RATING	480A 600A
POWER FACTOR	> 0.98
EFFICIENCY	>94% at nominal output power
CONNECTORS	CCS1 and CCS1 , CCS1 and CHAdeMO
CYCLIC MODE	CCS2-200 A GB/T 250A
CCS CABLE	500A Liquid Cooled
CHADEMO CABLE	125A (Standard) Or 200A
PARALLEL MODE	2 x 180kW (Max: 400A)
PARALLEL CHARGE MODE (OPTIONAL)	150 kW per Port
CHARGING PROTOCOL STANDARDS	Mode 4, IEC 61851, ISO 15118, DIN 70121 Mode 4, CHAdeMO 0.9, 1.0
CONNECTOR CABLE LENGTH	CCS 13 ft (4 m) CHAdeMO 16ft (5 m)
WEIGHT	992 lbs (450 kg)
DIMENSIONS (L X D X H)	41" x 35.5" x 90"
INSULATION (INPUT-OUTPUT)	>2.5 kV
INGRESS PROTECTION	NEMA 3S, IK10
ALTITUDE	<6,600ft (2,000m)
OPERATING TEMPERATURE	-30°C to 55°C 22°F to 131°F
WORKING STORAGE HUMIDITY	≤ 95% RH ≤ 99% RH (Non-condensing)
DISPLAY	10" with touch screen
COMMUNICATION PROTOCOL	OCPP 1.6J
ACCESS CONTROL	RFID: ISO/IEC 14443A/B Credit Card Optional
POWER ELECTRONICS COOLING	Air Cooling
REGULATORY COMPLIANCE	CE EMC: EN 61000-6-1:2007, EN 61000-6 3:2007/A1:2011/AC:2012
COMMUNICATION	Ethernet-Standard, 4G/Wi Fi Optional
ELECTRICAL SAFETY: GFCI	RCD 220 mA Type A
ELECTRICAL SAFETY: SURGE PROTECTION	20 kA
ELECTRICAL SAFETY GENERAL	Over Voltage, Under Voltage, Over Current, Missing Ground
ELECTRICAL SAFETY: OUTPUT SHORT	Output power disabled when output is short circuited
ELECTRICAL SAFETY TEMPERATURE	Temperature Sensors @ Charge Coupler and Power Electronics
EMERGENCY STOP	Emergency Stop Button Disables Output Power

*The product image shown is for illustration purposes only and may not be an exact representation of the product.

BlinkCharging.com • (888) 998.2546

Tracking Number: GRANT13913824

Funding Opportunity Number: 693JJ323NF00004 Received Date: Jun 13, 2023 12:09:31 PM EDT



Sourcewell 2023 Pricing Summary

Last Updated: 3/27/2023

AC Commercial Chargers							Warranty - Parts and Labor - 15% Discounts					
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	
Blink	IQ 200 A	AC Level 2 Charger 19.2 kW / 80A / 240V / 25 ft Cable / 7" Screen	01-0207	\$ 3,638.96	18%	\$ 2,983.95	Incl - Parts	N/A	\$ 599	\$ 509	\$ 1,299	\$ 1,104
Blink	IQ 200 S	AC Level 2 Charger 19.2 kW / 80A / 240V / 25 ft Cable	01-0205	\$ 2,910.96	18%	\$ 2,386.99	Incl - Parts	N/A	\$ 399	\$ 339	\$ 849	\$ 722
Blink	IQ 200 D	Bundle: IQ200 A + IQ200 S + Triangle Pedestal	01-0264	\$ 6,758.96	18%	\$ 5,542.35	Incl - Parts	N/A	\$ 899	\$ 764	\$ 1,949	\$ 1,657
Blink	IQ 200 D	Bundle: IQ200 A + IQ200 S + Triangle Pedestal with CMS	01-0263	\$ 7,999.00	18%	\$ 6,559.00	Incl - Parts	N/A	\$ 899	\$ 764	\$ 1,949	\$ 1,657
Blink	MQ200	50 amp / 12 kW AC Level 2 Charger, 23 ft. Cable - RFID, Cellular, Wi-Fi, Screen, Meter	01-0202	\$ 1,499.00	18%	\$ 1,229.18	Incl - Parts	N/A	\$ 199	\$ 169	\$ 399	\$ 339
Blink	Mobile Charger	Mobile AC Level 2 Charger 7.7kW, Gasoline Power, 23ft Cable	01-0440	\$ 4,499.00	18%	\$ 3,689.00	N/A	N/A	N/A	N/A	N/A	N/A
AC Accessories							Warranty - Parts and Labor - 15% Discounts					
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost
Blink		Rectangular Pedestal	01-0210	\$ 659.00	10%	\$ 593.00	Incl - Parts	N/A	\$ 49	\$ 42	\$ 99	\$ 84
Blink		Triangular Pedestal	01-0212	\$ 719.00	10%	\$ 647.00	Incl - Parts	N/A	\$ 49	\$ 42	\$ 99	\$ 84
Blink	Cable Management System - Wall Mount	Dual - Aluminum w/ Green Cap	01-0216	\$ 499.00	10%	\$ 449.00	Incl - Parts	N/A	\$ 29	\$ 25	\$ 69	\$ 59
Blink	Cable Management System - Pole Mount	Wall Mount	01-0216	\$ 499.00	10%	\$ 449.00						
Blink	Cable Management System - Ceiling Mount	Pole Mount	01-0222	\$ 499.00	10%	\$ 449.00	Incl - Parts	N/A	\$ 29	\$ 25	\$ 69	\$ 59
Blink	Cable Management System - Pedestal Mount Single	Ceiling Mount	01-0223	\$ 1,099.00	10%	\$ 989.00	Incl - Parts	N/A	\$ 99	\$ 84	\$ 219	\$ 186
Blink	Cable Management System - Pedestal Mount Dual	Requires Rectangular Pedestal	01-0217	\$ 1,399.00	10%	\$ 1,259.00	Incl - Parts	N/A	\$ 109	\$ 93	\$ 249	\$ 212
Blink	Pole Mount System - Single	Requires Triangular Pedestal	01-0218	\$ 299.00	10%	\$ 269.00	Incl - Parts	N/A	\$ 29	\$ 25	\$ 39	\$ 33
Blink	Pole Mount System - Dual	Single	01-0219	\$ 299.00	10%	\$ 269.00	Incl - Parts	N/A	\$ 29	\$ 25	\$ 49	\$ 42
Blink	Custom Wrap Rect/Tri	Dual	60-0100	\$ 1,000.00	N/A	\$ 1,000.00						
		IQ200 Pedestal Wrapping										
Residential Chargers							Warranty - Parts and Labor - 15% Discounts					
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost
Blink	HQ 150	Home Level 2 Charger / 32A	01-0180	\$ 570.96	18%	\$ 468.19	Incl - Parts	N/A	\$ 99	\$ 84	\$ 199	\$ 169
Blink	HQ 200 - Advanced	50 amp / 12 kW AC Level 2 Charger, 23 ft. Cable with Wi-Fi	01-0201	\$ 749.00	18%	\$ 614.18	Incl - Parts	N/A	\$ 149	\$ 127	\$ 279	\$ 237
DCFC Products							Warranty - Parts and Labor - 15% Discounts					
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost
Tellus	TP5-30-480-1	30 kW Wallbox - Single DCFC Wall Mount 100 Amps / 500 V CCS1, 16 ft. cable	01-0261	\$ 15,990	10%	\$ 14,391.00	Incl - Parts	Incl - Parts	\$ 4,641	\$ 3,945	\$ 8,361	\$ 7,107
Tellus	TP5-60-480-2	60 kW DCFC - 140 Amps / 1,000 V Ped CCS1 + CCS1, simultaneous charging	01-0513	\$ 32,990	10%	\$ 29,691.00	Incl - Parts	Incl - Parts	\$ 5,106	\$ 4,340	\$ 9,756	\$ 8,293
Tellus	TP5-120-480-2-300	120 kW DCFC - 300 Amps / 1,000 V with CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0577	\$ 59,990	10%	\$ 53,991.00	Incl - Parts	Incl - Parts	\$ 5,571	\$ 4,735	\$ 11,151	\$ 9,478
Tellus	TP5-180-480-2-300	180 kW DCFC - 300 Amps / 1,000 V with CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0578	\$ 69,990	10%	\$ 62,991.00	Incl - Parts	Incl - Parts	\$ 6,966	\$ 5,921	\$ 13,011	\$ 11,059
Tellus	TP5-240-480-2-300	240 kW DCFC - 500 Amps / 1,000 V with Liquid Cooled Connector CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0579	\$ 97,990	10%	\$ 88,191.00	Incl - Parts	Incl - Parts	\$ 12,081	\$ 10,269	\$ 14,871	\$ 12,640
Tellus	HPC-300-480-2	300 kW DCFC - 500 Amps / 1,000 V with Liquid Cooled Connector CCS1 & CCS1, simultaneous charging, 4G Modem	01-0510	\$ 149,990	10%	\$ 134,991.00	Incl - Parts	Incl - Parts	\$ 13,476	\$ 11,455	\$ 31,146	\$ 26,474
Tellus	HPC-360-480-2	360 kW DCFC - 500 Amps / 1,000 V with Liquid Cooled Connector CCS1 & CCS1, simultaneous charging, 4G Modem	01-0599	\$ 169,990	10%	\$ 156,391.00	Incl - Parts	Incl - Parts	\$ 15,801	\$ 13,431	\$ 35,331	\$ 30,031
Tellus	Pedestal for 30 kW Wallbox	Pedestal for 30 kW Wallbox	01-0520	\$ 999.00	10%	\$ 899.00	Incl - Parts	Incl - Parts	N/A	N/A	N/A	N/A
DCFC Wrapping												
Custom Wrap DCFC												
Network Fees												
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell						
Blink	Single Unit	Cost per port per month for billing services, reporting location ID		\$ 18.00	10%	\$ 16.00						
Blink	Dual Unit	Cost per port per month for billing services, reporting location ID		\$ 36.00	10%	\$ 32.00						
Blink as Service												
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell						
Blink	Blink as a Service (BaaS)	Blink Owns & Operates, customer responsible for installation, 5 years		\$ 98.00	18%	\$ 80.00						
Blink	Blink as a Service (BaaS) Dual	Blink Owns & Operates, customer responsible for installation, 5 years		\$ 182.00	18%	\$ 149.00						

*NOTES:

All units come with 2 years of warranty, maintenance, and parts & service

No annual network service is included

Start-Up / Commissioning is for 2 units at the same location, there is no discount for just one unit

* Freight estimates will be given at time of project and will be dependent on location and QTY of order

*Reconnection fees for lapsed network coverage may apply

* Network services are not included with purchase of any DCFC product and must be bought separately



Have you considered Sourcewell?

In the world of government purchasing, getting what you want can be a pain.

It's a pain to create an RFP.
It's a pain to find the best vendors to send that RFP to.
It's a pain to review RFP responses and choose a vendor that you and your procurement office agree on. Especially when you already have an idea of what you want ahead of time.

But what if there was an easier way? What if you were able to choose the vendor and products you want without having to spend hours, days, weeks, or even months, managing your own procurement?

And what if this could all be done for you with less hassle, less cost, and resulting in better pricing?

Blink Charging
(CCGI Holdings, LLC)

#042221-SEM

- Sourcewell is a service cooperative created by the MN legislature as a local unit of government that has undergone the tedious process of soliciting competitive bids so that state and local governments don't have to.
- Sourcewell helps you save time and money by combining the buying power of 50,000 government, education, and nonprofit organizations. You simply pick the appropriate contract or supplier, and they do the rest.
- Sourcewell is governed by local elected municipal officials and school board members.

Through the power of cooperative purchasing, public entities can utilize these preexisting contracts and make purchases directly through them for similar use cases in their municipalities. These contracts save time and money by allowing Buyers to purchase from a ready-to-use, competitively solicited contract.

Cooperative purchasing has become an increasingly popular method for procurement since the late 2000's and is now endorsed by the groups such as the National Association of State Procurement Officials (NASPO) as a best practice in the industry. Cooperative contracts save time and money. Participating in Sourcewell is available to all government entities; public and private K-12 schools, colleges, and universities; and nonprofit organizations. And the best part... There is no cost, no obligation, and no liability.

Blink received a Sourcewell contract for Electric Vehicle Supply Equipment and Related Services. Topics evaluated were company background, products and services, relevant references, ability to deliver, warranties, and of course pricing.

The Sourcewell Contract 042221-SEM gives access to the following types of goods and services:



- Level 2 EV Charging Stations
- L2 high power 7.2KW/11.5KW/19.2KW
- Network services & EVSE
- Load management
- Station management software
- Fleet management software
- Fleet charging
- Turnkey EV charging solutions
- Mobile app
- Smart reporting
- Full replacement warranty
- 24/7 customer support

If this seems too good to be true and you have questions about how it can work for you, please reach out to Blink's Business Development Manager for Sourcewell or Sourcewell's Supplier Development Supervisor and let them walk you through the benefits of Blink's Sourcewell cooperative contract!

Jennifer Kline, *Sr. Business Development Mgr. – National SLED*
Phone: 989-798-0265
jkline@blinkcharging.com

Scott Carr, *Supplier Development Supervisor*
Phone: 218-895-4155
scott.carr@sourcewell-mn.gov

blink

Contract Link

<https://www.sourcewell-mn.gov/cooperative-purchasing/042221-sem>



Sourcewell 2023 Pricing Summary

Last Updated: 3/27/2023

AC Commercial Chargers							Warranty - Parts and Labor - 15% Discounts					
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	
Blink	IQ 200 A	AC Level 2 Charger 19.2 kW / 80A / 240V / 25 ft Cable / 7" Screen	01-0207	\$ 3,638.96	18%	\$ 2,983.95	Incl - Parts	N/A	\$ 599	\$ 509	\$ 1,299	\$ 1,104
Blink	IQ 200 S	AC Level 2 Charger 19.2 kW / 80A / 240V / 25 ft Cable	01-0205	\$ 2,910.96	18%	\$ 2,386.99	Incl - Parts	N/A	\$ 399	\$ 339	\$ 849	\$ 722
Blink	IQ 200 D	Bundle: IQ200 A + IQ200 S + Triangle Pedestal	01-0264	\$ 6,758.96	18%	\$ 5,542.35	Incl - Parts	N/A	\$ 899	\$ 764	\$ 1,949	\$ 1,657
Blink	IQ 200 D	Bundle: IQ200 A + IQ200 S + Triangle Pedestal with CMS	01-0263	\$ 7,999.00	18%	\$ 6,559.00	Incl - Parts	N/A	\$ 899	\$ 764	\$ 1,949	\$ 1,657
Blink	MQ200	50 amp / 12 kW AC Level 2 Charger, 23 ft. Cable - RFID, Cellular, Wi-Fi, Screen, Meter	01-0202	\$ 1,499.00	18%	\$ 1,229.18	Incl - Parts	N/A	\$ 199	\$ 169	\$ 399	\$ 339
Blink	Mobile Charger	Mobile AC Level 2 Charger 7.7kW, Gasoline Power, 23ft Cable	01-0440	\$ 4,499.00	18%	\$ 3,689.00	N/A	N/A	N/A	N/A	N/A	N/A
AC Accessories							Warranty - Parts and Labor - 15% Discounts					
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost
Blink		Rectangular Pedestal	01-0210	\$ 659.00	10%	\$ 593.00	Incl - Parts	N/A	\$ 49	\$ 42	\$ 99	\$ 84
Blink		Triangular Pedestal	01-0212	\$ 719.00	10%	\$ 647.00	Incl - Parts	N/A	\$ 49	\$ 42	\$ 99	\$ 84
Blink	Cable Management System - Wall Mount	Dual - Aluminum w/ Green Cap	01-0216	\$ 499.00	10%	\$ 449.00	Incl - Parts	N/A	\$ 29	\$ 25	\$ 69	\$ 59
Blink	Cable Management System - Pole Mount	Wall Mount	01-0216	\$ 499.00	10%	\$ 449.00						
Blink	Cable Management System - Ceiling Mount	Pole Mount	01-0222	\$ 499.00	10%	\$ 449.00	Incl - Parts	N/A	\$ 29	\$ 25	\$ 69	\$ 59
Blink	Cable Management System - Pedestal Mount Single	Ceiling Mount	01-0223	\$ 1,099.00	10%	\$ 989.00	Incl - Parts	N/A	\$ 99	\$ 84	\$ 219	\$ 186
Blink	Cable Management System - Pedestal Mount Dual	Requires Rectangular Pedestal	01-0217	\$ 1,399.00	10%	\$ 1,259.00	Incl - Parts	N/A	\$ 109	\$ 93	\$ 249	\$ 212
Blink	Pole Mount System - Single	Requires Triangular Pedestal	01-0218	\$ 299.00	10%	\$ 269.00	Incl - Parts	N/A	\$ 29	\$ 25	\$ 39	\$ 33
Blink	Pole Mount System - Dual	Single	01-0219	\$ 299.00	10%	\$ 269.00	Incl - Parts	N/A	\$ 29	\$ 25	\$ 49	\$ 42
Blink	Custom Wrap Rect/Tri	Dual	60-0100	\$ 1,000.00	N/A	\$ 1,000.00						
		IQ200 Pedestal Wrapping										
Residential Chargers							Warranty - Parts and Labor - 15% Discounts					
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost
Blink	HQ 150	Home Level 2 Charger / 32A	01-0180	\$ 570.96	18%	\$ 468.19	Incl - Parts	N/A	\$ 99	\$ 84	\$ 199	\$ 169
Blink	HQ 200 - Advanced	50 amp / 12 kW AC Level 2 Charger, 23 ft. Cable with Wi-Fi	01-0201	\$ 749.00	18%	\$ 614.18	Incl - Parts	N/A	\$ 149	\$ 127	\$ 279	\$ 237
DCFC Products							Warranty - Parts and Labor - 15% Discounts					
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost
Tellus	TP5-30-480-1	30 kW Wallbox - Single DCFC Wall Mount 100 Amps / 500 V CCS1, 16 ft. cable	01-0261	\$ 15,990	10%	\$ 14,391.00	Incl - Parts	Incl - Parts	\$ 4,641	\$ 3,945	\$ 8,361	\$ 7,107
Tellus	TP5-60-480-2	60 kW DCFC - 140 Amps / 1,000 V Ped CCS1 + CCS1, simultaneous charging	01-0513	\$ 32,990	10%	\$ 29,691.00	Incl - Parts	Incl - Parts	\$ 5,106	\$ 4,340	\$ 9,756	\$ 8,293
Tellus	TP5-120-480-2-300	120 kW DCFC - 300 Amps / 1,000 V with CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0577	\$ 59,990	10%	\$ 53,991.00	Incl - Parts	Incl - Parts	\$ 5,571	\$ 4,735	\$ 11,151	\$ 9,478
Tellus	TP5-180-480-2-300	180 kW DCFC - 300 Amps / 1,000 V with CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0578	\$ 69,990	10%	\$ 62,991.00	Incl - Parts	Incl - Parts	\$ 6,966	\$ 5,921	\$ 13,011	\$ 11,059
Tellus	TP5-240-480-2-300	240 kW DCFC - 500 Amps / 1,000 V with Liquid Cooled Connector CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0579	\$ 97,990	10%	\$ 88,191.00	Incl - Parts	Incl - Parts	\$ 12,081	\$ 10,269	\$ 14,871	\$ 12,640
Tellus	HPC-300-480-2	300 kW DCFC - 500 Amps / 1,000 V with Liquid Cooled Connector CCS1 & CCS1, simultaneous charging, 4G Modem	01-0510	\$ 149,990	10%	\$ 134,991.00	Incl - Parts	Incl - Parts	\$ 13,476	\$ 11,455	\$ 31,146	\$ 26,474
Tellus	HPC-360-480-2	360 kW DCFC - 500 Amps / 1,000 V with Liquid Cooled Connector CCS1 & CCS1, simultaneous charging, 4G Modem	01-0599	\$ 169,990	10%	\$ 156,391.00	Incl - Parts	Incl - Parts	\$ 15,801	\$ 13,431	\$ 35,331	\$ 30,031
Tellus	Pedestal for 30 kW Wallbox	Pedestal for 30 kW Wallbox	01-0520	\$ 999.00	10%	\$ 899.00	Incl - Parts	Incl - Parts	N/A	N/A	N/A	N/A
DCFC Wrapping												
Custom Wrap DCFC												
Network Fees												
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell						
Blink	Single Unit	Cost per port per month for billing services, reporting location ID		\$ 18.00	10%	\$ 16.00						
Blink	Dual Unit	Cost per port per month for billing services, reporting location ID		\$ 36.00	10%	\$ 32.00						
Blink as Service												
Mfg	Model	Description	Part #	MSRP	Discount	Sourcewell						
Blink	Blink as a Service (BaaS)	Blink Owns & Operates, customer responsible for installation, 5 years		\$ 98.00	18%	\$ 80.00						
Blink	Blink as a Service (BaaS) Dual	Blink Owns & Operates, customer responsible for installation, 5 years		\$ 182.00	18%	\$ 149.00						

*NOTES:

All units come with 2 years of warranty, maintenance, and parts & service

No annual network service is included

Start-Up / Commissioning is for 2 units at the same location, there is no discount for just one unit

* Freight estimates will be given at time of project and will be dependent on location and QTY of order

*Reconnection fees for lapsed network coverage may apply

* Network services are not included with purchase of any DCFC product and must be bought separately

blnk

Sourcewell 2023 Pricing Summary							Last Updated: 3/27/2023		Warranty - Parts and Labor - 15% Discount						
AC Commercial Chargers							Warranty - Parts and Labor - 15% Discount								
blnk	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost			
Blnk	IQ200 A	AC Level 2 Charger 29.2 kW / 80A / 240V / 25 ft Cable / 7" Screen	01-0207	\$ 3,638.96	18%	\$ 2,983.95	Incl-Parts	N/A	\$ 599	\$ 509	\$ 1,299	\$ 1,104			
Blnk	IQ200 S	AC Level 2 Charger 29.2 kW / 80A / 240V / 25 ft Cable	01-0205	\$ 2,930.96	18%	\$ 2,386.99	Incl-Parts	N/A	\$ 399	\$ 339	\$ 849	\$ 722			
Blnk	IQ200 D	Bundle: IQ200 A + IQ200 S + Triangle Pedestal	01-0204	\$ 6,758.96	18%	\$ 5,543.53	Incl-Parts	N/A	\$ 899	\$ 764	\$ 1,949	\$ 1,657			
Blnk	IQ200 D	Bundle: IQ200 A + IQ200 S + Triangle Pedestal with CMS	01-0263	\$ 7,999.00	18%	\$ 6,558.00	Incl-Parts	N/A	\$ 899	\$ 764	\$ 1,949	\$ 1,657			
Blnk	IQ200	50 amp / 12.1kW AC Level 2 Charger, 2.1 ft. Cable + HPS, Cellular, Wi-Fi, Screen, Meter	01-0202	\$ 1,499.00	18%	\$ 1,228.18	Incl-Parts	N/A	\$ 199	\$ 169	\$ 399	\$ 339			
Blnk	IQ200	Mobile Charger	01-0440	\$ 4,499.00	18%	\$ 3,689.10	N/A	N/A	N/A	N/A	N/A	N/A			
AC Accessories							Warranty - Parts and Labor - 15% Discount								
blnk	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost			
Blnk	Blk	Rectangular Pedestal	01-0210	\$ 659.00	10%	\$ 593.10	Incl-Parts	N/A	\$ 49	\$ 42	\$ 99	\$ 84			
Blnk	Blk	Triangular Pedestal	01-0212	\$ 719.00	10%	\$ 647.10	Incl-Parts	N/A	\$ 49	\$ 42	\$ 99	\$ 84			
Blnk	Blk	Cable Management System - Wall Mount	01-0216	\$ 499.00	10%	\$ 449.10	Incl-Parts	N/A	\$ 29	\$ 25	\$ 69	\$ 59			
Blnk	Blk	Cable Management System - Pole Mount	01-0216	\$ 499.00	10%	\$ 449.10	Incl-Parts	N/A	\$ 99	\$ 84	\$ 219	\$ 186			
Blnk	Blk	Cable Management System - Ceiling Mount	01-0222	\$ 499.00	10%	\$ 449.10	Incl-Parts	N/A	\$ 29	\$ 25	\$ 69	\$ 59			
Blnk	Blk	Cable Management System - Pedestal Mount Single	01-0223	\$ 1,099.00	10%	\$ 989.10	Incl-Parts	N/A	\$ 99	\$ 84	\$ 219	\$ 186			
Blnk	Blk	Requires Rectangular Pedestal	01-0217	\$ 1,399.00	10%	\$ 1,259.10	Incl-Parts	N/A	\$ 109	\$ 93	\$ 249	\$ 212			
Blnk	Blk	Requires Triangular Pedestal	01-0218	\$ 299.00	10%	\$ 269.10	Incl-Parts	N/A	\$ 29	\$ 25	\$ 39	\$ 33			
Blnk	Blk	Pole Mount System - Single	01-0219	\$ 299.00	10%	\$ 269.10	Incl-Parts	N/A	\$ 29	\$ 25	\$ 49	\$ 42			
Blnk	Blk	Pole Mount System - Dual	60-0100	\$ 1,000.00	N/A	\$ 1,000.00									
Blnk	Blk	Custom Wrap Rect/Tri													
DCFC Products							Warranty - Parts and Labor - 15% Discount								
blnk	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost			
Blnk	IQ200 - Advanced	Home Level 2 Charger / 32A	01-0180	\$ 5,976.96	18%	\$ 4,983.19	Incl-Parts	N/A	\$ 99	\$ 84	\$ 199	\$ 169			
Blnk	IQ200 - Advanced	50 amp / 12.1 kW AC Level 2 Charger, 23 ft. Cable with Wi-Fi	01-0201	\$ 749.00	18%	\$ 614.18	Incl-Parts	N/A	\$ 149	\$ 127	\$ 279	\$ 237			
DCFC Products							Warranty - Parts and Labor - 15% Discount								
blnk	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost			
Tellus	TYS-30-480-1	30 kW Wallbox - Single DCFC Wall Mount 100 Amps / 500 V CCS1, 16 ft. cable	01-0261	\$ 15,990	10%	\$ 14,391.00	Incl-Parts	Incl-Parts	\$ 4,641	\$ 3,945	\$ 8,361	\$ 7,107			
Tellus	TYS-60-480-2	60 kW DCFC - 140 Amps / 1,000 V Pcd CCS1 + CCS1, simultaneous charging, 120 kW DCFC - 300 Amps / 1,000 V with CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0513	\$ 32,990	10%	\$ 29,691.00	Incl-Parts	Incl-Parts	\$ 5,106	\$ 4,340	\$ 9,756	\$ 8,293			
Tellus	TYS-120-480-2-300	120 kW DCFC - 300 Amps / 1,000 V with CCS1 & CCS1, simultaneous charging, 180 kW DCFC - 300 Amps / 1,000 V with CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0577	\$ 59,990	10%	\$ 53,991.00	Incl-Parts	Incl-Parts	\$ 5,771	\$ 4,735	\$ 11,151	\$ 9,478			
Tellus	TYS-180-480-2-300	180 kW DCFC - 300 Amps / 1,000 V with CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0578	\$ 69,990	10%	\$ 62,991.00	Incl-Parts	Incl-Parts	\$ 6,966	\$ 5,921	\$ 13,011	\$ 11,059			
Tellus	TYS-240-480-2-300	240 kW DCFC - 500 Amps / 1,000 V with Liquid Cooler Connector CCS1 & CCS1, simultaneous charging, 4G Modem, 300 amp cable	01-0579	\$ 97,990	10%	\$ 88,191.00	Incl-Parts	Incl-Parts	\$ 12,081	\$ 10,369	\$ 14,871	\$ 12,640			
Tellus	HPC-300-480-2	300 kW DCFC - 500 Amps / 1,000 V with Liquid Cooler Connector CCS1 & CCS1, simultaneous charging, 4G Modem	01-0510	\$ 149,990	10%	\$ 134,991.00	Incl-Parts	Incl-Parts	\$ 13,476	\$ 11,455	\$ 31,146	\$ 26,474			
Tellus	HPC-360-480-2	360 kW DCFC - 500 Amps / 1,000 V with Liquid Cooler Connector CCS1 & CCS1, simultaneous charging, 4G Modem	01-0509	\$ 169,990	10%	\$ 156,991.00	Incl-Parts	Incl-Parts	\$ 15,801	\$ 13,431	\$ 35,311	\$ 30,031			
Tellus	HPC-360-480-2	Pedestal for 30 kW Wallbox	01-0520	\$ 999.00	10%	\$ 899.00	Incl-Parts	Incl-Parts	N/A	N/A	N/A	N/A			
Tellus	DCFC Wrapping	Custom Wrap DCFC		Quoted	N/A	Quoted									
Network Services							Warranty - Parts and Labor - 15% Discount								
blnk	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost			
Blnk	Blk	Single Unit		\$ 18.00	10%	\$ 16.20									
Blnk	Blk	Dual Unit		\$ 36.00	10%	\$ 32.40									
Warranty & Service							Warranty - Parts and Labor - 15% Discount								
blnk	Model	Description	Part #	MSRP	Discount	Sourcewell	1-Yr	2-Yr	3-Yr	Cost	5-Yr	Cost			
Blnk	Blnk as a Service (Basic)	Blnk Owns & Operates, customer responsible for installation, 5 years		\$ 98.00	18%	\$ 80.00									
Blnk	Blnk as a Service (Basic) Dual	Blnk Owns & Operates, customer responsible for installation, 5 years		\$ 182.00	18%	\$ 149.00									

Product / Service Item	Description	Product ID	MSRP	Sourcewell Price
Series 4	Series 4 Home Charging Station comes in 2 models (NEMA 14-60 and Hardwired) and both come with 3 years of Full Replacement Warranty Coverage.	SC4-P SC4-H	\$699.00	\$673.18
Series 6	Series 6 EV Charging Station with mounting device, 18ft cable, and one year of Network Service and Full Replacement Warranty Coverage	L2-630-Full-18	\$3,590 Dual Unit-2X	\$2,693 Dual Unit-2X
Series 730 Charging Station w/ One Year Full Service	Series 7 (30 Amp), 25ft cable Fleet EV Dual Charging Station with mounting device and one year of Network Service and Full Replacement Warranty Coverage	L2-730-Full-25	\$5,940.00	\$4,455.00
Series 748 Charging Station w/ One Year Full Service	Series 7 (48 Amp), 18ft cable Fleet EV Dual Charging Station with mounting device and one year of Network Service and Full Replacement Warranty Coverage	L2-748-Full-18	\$5,340.00	\$4,005.00
Series 748 Charging Station w/ One Year Full Service	Series 7 (48 Amp), 25ft cable Fleet EV Dual Charging Station with mounting device and one year of Network Service and Full Replacement Warranty Coverage	L2-748-Full-25	\$5,940.00	\$4,455.00
Series 780 Charging Station w/ One Year Full Service	SemaConnect Series 7 Plus (80amp), 18ft. Cable, Fleet Dual EV Charging Station with mounting device and one year of Full Network Service and Full Replacement Warranty Coverage	L2-780-Full-18	\$6,340.00	\$4,755.00
Series 780 Charging Station w/ One Year Full Service	Series 7 Plus (80amp), 25ft. Cable, Fleet Dual EV Charging Station with mounting device and one year of Full Network Service and Full Replacement Warranty Coverage	L2-780-Full-25	\$6,940.00	\$5,205.00
Series 848 Charging Station w/ One Year Full Service	Series 8 (48 Amp), 18 ft. cable, Dual EV Charging Station, with mounting device and one year of Full Network Service and Full Replacement Warranty Coverage	L2-848-Full-18	\$6,740.00	\$5,095.00
Series 848 Charging Station w/ One Year Full Service - w/ CC	SemaConnectSeries 8 (48 Amp), 18ft. Cable, Dual EV Charging Station, with a credit card reader with mounting device and one year of Full Network Service and Full Replacement Warranty Coverage	L2-848-Full-18-CC	\$7,740.00	\$5,805.00
Series 848 Charging Station w/ One Year Full Service	Series 8 (48 Amp), 25 ft. cable, Dual EV Charging Station, with mounting device and one year of Full Network Service and Full Replacement Warranty Coverage	L2-848-Full-25	\$7,340.00	\$5,505.00
Series 848 Charging Station w/ One Year Full Service - w/ CC	Series 8 (48 Amp), 25ft. Cable, Dual EV Charging Station, with a credit card reader with mounting device and one year of Full Network Service and Full Replacement Warranty Coverage	L2-848-Full-25-CC	\$8,340.00	\$6,255.00
Series 880 Charging Station w/ One Year Full Service	Series Plus (80 Amp), 18ft. cable, Dual EV Charging Station and one year of Full Network Service and Full Replacement Warranty Coverage	L2-880-Full-18	\$7,740.00	\$5,805.00
Series 880 Charging Station w/ One Year Full Service - w/ CC	Series Plus (80 Amp), 18ft. cable, Dual EV Charging Station, credit card reader with mounting device and one year of Full Network Service and Full Replacement Warranty Coverage	L2-880-Full-18-CC	\$8,740.00	\$6,955.00
Series 880 Charging Station w/ One Year Full Service	Series Plus (80 Amp), 25ft. cable, Dual EV Charging Station and one year of Full Network Service and Full Replacement Warranty Coverage	L2-880-Full-25	\$8,340.00	\$6,255.00
SemaConnect 880 Charging Station w/ One Year Full Service - w/ CC	Series Plus (80 Amp), 25ft. cable, Dual EV Charging Station, credit card reader with mounting device and one year of Full Network Service and Full Replacement Warranty Coverage	L2-880-Full-25-CC	\$9,350.00	\$7,012.50
Pedestal (57/57+56/54)	Single pedestal for SC748, SC780, SC848, SC880	L2-PM-57-58	\$205.00	\$193.75
Anchor Plate (56/57/57+58/58ft)	Anchor plate for pedestal mounts	L2-AP-U	\$45.00	\$33.75
Wall Mount (57/57+58/58ft)	The wall mount for SC748, SC780, SC848, SC880	L2-WM-57/58P	\$250.00	\$197.50
Cable Management System Dual	SemaConnect Cable Management System with dual modules	L2-CMS-D-56678	\$600.00	\$600.00
Cable Management System Single	SemaConnect Cable Management System with single brackets for single pedestal or single wall-mount configuration	SC-CMS-1	\$600.00	\$600.00
Full Network Services - Series 6	Annual Full Network Service Program	L2-NSP-S7/S7P	\$240/year	\$240/year
Replacement Warranty - Series 6	Annual Full Replacement Service Contract - L2-WSP-S6-S6P	L2-WSP-S6-S6P	\$400/year	\$400/year
Full Network Services - Series 7 & Plus	Annual Full Network Service Program 2 Pkgs	L2-NSP-S7/S7P	\$400/year	\$420/year
Replacement Warranty - Series 7 & Plus	Annual Full Replacement Service Contract - L2-WSP-S7/S7P (SC7-FRS)	L2-WSP-S7/S7P (SC7-FRS)	\$400/year	\$400/year
Full Network Services - Series 8 & Plus	Annual Full Network Service Program 2 Pkgs	L2-NSP-S8/S8P	\$480/year	\$480/year
Replacement Warranty - Series 8 & Plus	Annual Full Replacement Service Contract - L2-WSP-S8/S8P	L2-WSP-S8/S8P	\$500/year	\$500/year
Design, Installation, Electrical projects	Customized electrical design, project management, special installation services.	Custom Quote	C u	Open Market/Custom Quote

Product ID codes: P = Pedestal, W = Wall Mount, DP = Dual Pedestal

Notes

DCFC Product Line

Product / Service Item	Description	MSRP	Discount
Phifong DS30 Standalone	30kW, Single CCS1, 7M cable, LAN, Wi-Fi & 4G, OCPP, BEFO	26,593.20	25%
Phifong DS60 Standalone	60kW, Dual CCS1, 7M cable, LAN, Wi-Fi & 4G, OCPP, BEFO	53,312.40	25%
Phifong DS90 Standalone	90kW, Dual CCS1, 7M cable, LAN, Wi-Fi & 4G, OCPP, BEFO	66,252.40	25%
Phifong DS120 Standalone	120kW, Dual CCS1, 7M cable, LAN, Wi-Fi & 4G, OCPP, BEFO	67,332.40	25%
Phifong DS150 Standalone	150kW, Dual CCS1, 7M cable, LAN, Wi-Fi & 4G, OCPP, BEFO	69,586.40	25%
Phifong DS180 Standalone	180kW, Dual CCS1, 7M cable, LAN, Wi-Fi & 4G, OCPP, BEFO	76,502.40	25%
Extended Warranty - 1 (30-60)	Extended Warranty - 1 Additional Year + Maintenance - SA (30-60)	4,802.63	15%
Extended Warranty - 2 (30-60)	Extended Warranty - 2 Additional Year + Maintenance - SA (30-60)	7,995.39	15%
Extended Warranty - 3 (30-60)	Extended Warranty - 3 Additional Year + Maintenance - SA (30-60)	12,358.46	15%
Extended Warranty - 1 (90-120-150-180)	Extended Warranty - 1 Additional Year + Maintenance - SA (90-200-150-180)	8,830.48	15%
Extended Warranty - 2 (90-120-150-180)	Extended Warranty - 2 Additional Year + Maintenance - SA (90-200-150-180)	14,999.14	15%
Extended Warranty - 3 (90-120-150-180)	Extended Warranty - 3 Additional Year + Maintenance - SA (90-200-150-180)	23,164.16	15%
Cable Management for 7M Cables	Cable Management for 7M Cables	6,183.00	25%
Start-Up / Commissioning	Start-Up / Commissioning	\$3,971.00	
Annual Network Services	Annual Network Services	\$400.00	
Credit Card Reader	Credit Card Reader	\$2,400.00	

*NOTES:

All units come with 2 years of warranty, maintenance, and parts & service

No annual network service is included

Start-Up / Commissioning is for 2 units at the same location, there is no discount for just one unit

* Freight estimates will be given at time of project and will depend on location and QTY of order

* Reconnection fees for isolated network coverage may apply

* Network services are not included with purchase of any DCFC product and must be bought separately

Clarification: Although lighting panels may have capacity to install car charging stations as indicated. We do not recommend installing car charging stations on lighting panels. This is for all buildings listed in this evaluation.

Building	Evaluated By	Evaluated On	Findings
Bear Library	AHH	9/30/2021	<u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was 156.3 kW. Assuming 80% power factor, this translates to 542 peak amperes @ 208 volts, 3-phase. The building's main circuit breaker is 1600A, so it is 34% loaded. It should be possible to install additional branch breakers in the building's main switchboard to serve additional panels for additional vehicle charging stations.
			<u>Panel "LPB" (208/120V):</u> (2) 40A/2P breakers have been installed to serve (2) vehicle charging stations. This panel is fed from a 200A/3P breaker in the building's main switchboard. We do not believe that this panel has the capacity to serve additional vehicle charging stations.
			<u>Other Existing 208/120V Panels Throughout Building:</u> While there are a few spaces available in the mechanical mezzanine for new breakers to serve additional vehicle charging stations, we believe the building would be better served by providing a new dedicated panel for vehicle chargers.
Brandywine Hundred Library	AHH	9/23/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was 255.36 kW. Assuming 80% power factor, this translates to 886 peak amperes @ 208 volts, 3-phase. The building's main circuit breaker is 2000A, so it is 44% loaded. It should be possible to install additional branch breakers in main switchboard "MDS" to serve additional panels for additional vehicle charging stations.</p> <p><u>Panel "PP1" (208/120V):</u> (2) 40A/2P breakers have been installed to serve (2) vehicle charging stations. This panel is fed from a 400A/3P breaker in main switchboard "MDS". It is uncertain if this panel has the capacity to serve additional vehicle charging stations. This can be determined via a load study and/or metering.</p>

			<p><u>Panels "RPA", "LPA", "LPB" and "RPD" (208/120V):</u> It may be possible to install additional branch breakers to these panels to serve additional vehicle charging stations. The actual capacity of these panels would need to be further measured via a load study and/or metering.</p>
Claymont Library	AHH	9/23/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was approximately 82 kW. Assuming 80% power factor, this translates to 123 peak amperes @ 480 volts, 3-phase. The building's main circuit breaker is 600A, so it is 21% loaded. It should be possible to install additional branch breakers in main panel "HA" to serve additional panels via transformers for additional vehicle charging stations.</p> <p><u>Panels "LA1" and "LA2" (208/120V):</u> These panels are fed from a 112.5 kVA transformer and are protected by a 225A main circuit breaker in panel "LA1". We do not believe that these panels have the capacity to serve additional vehicle charging stations. This can be confirmed via a load study and/or metering.</p> <p><u>Panel "LB" (208/120V):</u> This panel is also fed from the same 112.5 kVA transformer mentioned above and is protected by a 100A main circuit breaker. We do not believe that this panel has the capacity to serve additional vehicle charging stations.</p> <p><u>Panel "LG" (208/120V):</u> This panel is subfed from panel "LA1" via a 100A main circuit breaker. We do not believe that this panel has the capacity to serve additional vehicle charging stations.</p>
Gilliam Building	AHH	9/16/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was approximately 165 kW. Assuming 80% power factor, this translates to 573 peak amperes @ 208 volts, 3-phase. The building's main circuit breaker is 2000A, so it is 29% loaded. It should be possible to install additional branch breakers in main switchboard "MDP" to serve additional panels for additional vehicle charging stations.</p> <p><u>Panels "RC", "RC1", "MP1", "RF" and "RFA" (208/120V):</u> It may be possible to install additional branch breakers to these panels to serve additional vehicle charging stations. The actual capacity of these panels would need to be further measured via a load study and/or metering.</p>

Government Center	AHH	9/16/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was approximately 350 kW. Assuming 80% power factor, this translates to 526 peak amperes @ 480 volts, 3-phase. The building's main circuit breaker is 1600A, so it is 33% loaded. It should be possible to install additional branch breakers in main switchboard "MDP" to serve additional panels via transformers for additional vehicle charging stations.</p>
			<p><u>Panel "RP1D" (208/120V):</u> (8) 40A/2P breakers have been installed to serve (8) vehicle charging stations. This panel is fed from a 150A/3P breaker in nearby panel "RLP". We do not believe that this panel has the capacity to serve additional vehicle charging stations.</p>
			<p><u>Panel "RP3A"(208/120V):</u> (6) 40A/2P breakers have been installed to serve (6) vehicle charging stations. This is a new panel with a 400A/3P main breaker. There should be adequate capacity in this panel to serve additional vehicle charging stations.</p>
Hockessin Library	AHH	9/23/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was 186.4 kW. Assuming 80% power factor, this translates to 647 peak amperes @ 208 volts, 3-phase. The building's main circuit breaker is 800A, so it is 81% loaded. Assuming the main breaker has an 80% continuous load rating, this building is at or near full electrical capacity. We do not recommend installing any vehicle charging stations at this building without first upgrading the electrical infrastructure.</p>
Kimberton Police Academy	AHH	9/16/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was approximately 76 kW. Assuming 80% power factor, this translates to 229 peak amperes @ 240 volts, 3-phase (high-leg delta system). The building's main circuit breaker is 600A, so it is 38% loaded. It should be possible to install an additional branch breaker in main panel "PP1" to serve an additional panel for additional vehicle charging stations.</p>
			<p><u>Panels "PP2" and "PP3" (240/120V):</u> These panels are fed respectively from a 100A/3P and 100A/2P breaker in main panel "PP1". We do not believe that these panels have the capacity to serve additional vehicle charging stations.</p>

			<p><u>Panel "PP4" (240/120V):</u> It may be possible to install additional branch breakers in this panel to serve additional vehicle charging stations. The actual capacity of this panel would need to be further measured via a load study and/or metering.</p>
Kirkwood Library	AHH	9/30/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was approximately 215 kW. Assuming 80% power factor, this translates to 323 peak amperes @ 480 volts, 3-phase. The building's main circuit breaker is 500A, so it is 65% loaded. It should be possible to install additional branch breakers in main panel "LMDP" to serve additional panels for additional vehicle charging stations.</p> <p><u>Panel "LLP1A" (480/277V):</u> It may be possible to install an additional branch breaker in this panel to serve an additional panel via a transformer for additional vehicle charging stations. The actual capacity of this panel would need to be further measured via a load study and/or metering.</p> <p><u>Panels "LRP1A" and "LPP1A" (208/120V):</u> These panels are fed from a 150 kVA transformer. These panels do not have adequate breaker space to serve additional vehicle charging stations.</p> <p><u>Panels "LRP1B" and "LRP1C" (208/120V):</u> These panels are fed from the same 150 kVA transformer mentioned above and are protected by a 200A/3P enclosed circuit breaker. It is possible that these panels have adequate capacity to serve additional vehicle charging stations, but this would need to be confirmed via a load study and/or metering.</p>
Newark Library	MLF	8/31/2021	<p>Main distribution panel "MDP" in mechanical room is full.</p> <p><u>Panel "CP1":</u> Could have breaker space but is fed from 110 main amp breaker. We do not believe the 110 amp main breaker is large enough for existing and new loads.</p> <p><u>Panel "R":</u> Fed by a 250 amp lugs. Has two spaces. We do not believe the panel has adequate capacity for the existing and new loads.</p>

Public Safety Building	AHH	9/23/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was approximately 655 kW. Assuming 80% power factor, this translates to 985 peak amperes @ 480 volts, 3-phase. The building substation's main circuit breakers and tie breaker are 4000A, so it is 25% loaded. It should be possible to install additional branch breakers in the main substation distribution sections to serve additional panels via transformers for additional vehicle charging stations.</p> <p><u>Panel "BED1" (480/277V):</u> It may be possible to install additional branch breakers in this distribution panel to serve additional panels via transformers for additional vehicle charging stations. The actual capacity of this panel would need to be further measured via a load study and/or metering.</p> <p><u>Existing 208/120V Panels Throughout Building:</u> We do not believe that these panels have the capacity to serve additional vehicle charging stations.</p>
Route 9 Library	AHH	9/30/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was approximately 405 kW. Assuming 80% power factor, this translates to 609 peak amperes @ 480 volts, 3-phase. The building's main circuit breaker is 2000A, so it is 30% loaded. It should be possible to install additional branch breakers in the building's main switchboard to serve additional panels for additional vehicle charging stations.</p> <p><u>Panel "L1" (480/277V):</u> This panel is fed from a 200A/3P breaker in the building's main switchboard. It should be possible to install additional branch breakers in this panel to serve additional panels via transformers for additional vehicle charging stations.</p> <p><u>Panel "SWBD" (480/277V):</u> This panel is fed from a 1000A/3P breaker in the building's main switchboard. It should be possible to install additional branch breakers in this panel or use spare breakers to serve additional panels via transformers for additional vehicle charging stations.</p> <p><u>Panels "R1" and "R1B" (208/120V):</u> Panel "R1B" is subfed from "R1" via a 125A/3P breaker. It is uncertain if these panels have the capacity to serve additional vehicle charging stations. This can be determined via a load study and/or metering.</p>

			<p><u>Panel "L1R1" (208/120V):</u> This panel is fed from a 45 kVA transformer and is protected by a 150A main circuit breaker. It should be possible to install additional branch breakers in this panel to serve additional vehicle charging stations. This can be confirmed via a load study and/or metering.</p>
Shed Groups (Behind Connor Building)	AHH	9/16/2021	<p><u>Forestry Shed Service:</u> This service no longer exists as it has been demolished in preparation for the new Vacuum Truck Building installation.</p> <p><u>Equipment Shed Service:</u> The (2) existing main panels serving the equipment sheds are currently protected by a 200A fused disconnect switch with 200A fuses on the secondary side of a 50 kVA, 480-240/120V, single-phase dry-type transformer. According to monthly electric utility statements from 2019, peak demand load was approximately 26.5 kW. Assuming 80% power factor, this translates to 110 peak amperes @ 240 volts, single-phase. As the panels are protected by 200A fuses, they are 55% loaded. There appears be adequate capacity and breaker space in these panels to serve additional vehicle charging stations.</p>
Woodlawn Library	AHH	9/23/2021	<p><u>Electrical Capacity:</u> According to monthly electric utility statements from 2019, peak demand load was approximately 102.7 kW. Assuming 80% power factor, this translates to 356 peak amperes @ 208 volts, 3-phase. The building's main circuit breaker is 1200A, so it is 30% loaded. It should be possible to install additional branch breakers in main panel "MDP" to serve additional panels for additional vehicle charging stations.</p> <p><u>Panels "PP1-1" and "PP1-2" (208/120V):</u> These panels do not have adequate breaker space to serve additional vehicle charging stations.</p> <p><u>Panels "LPA", "LPB", "RPA" and "RPB" (208/120V):</u> Each of these panels is fed from a 150A/3P breaker in main panel "MDP". It may be possible to install additional branch breakers to these panels to serve additional vehicle charging stations. The actual capacity of these panels would need to be further measured via a load study and/or metering.</p>



Delaware
315 S. Chapel Street
Newark, DE 19711
Phone
302.738.7172
Fax
302.738.7175

Pennsylvania
One Liberty Place
1650 Market Street
36th Floor
Philadelphia, PA 19103
Phone
267.386.4885
www.dedc-eng.com

August 6, 2021

Mr. Paul Frese
New Castle County - Department of Public Work
187-A Old Churchmans Road
New Castle, Delaware 19720

Reference: New Castle County – Electrical Infrastructure Car Charging Station Addition
Feasibility Study
Engineering Evaluation Proposal (Rev-2)

Dear Mr. Frese;

We are pleased to offer our professional engineering and design services to New Castle County Department of Public Works for your upcoming project. This proposal addresses the engineering fees required to perform an electrical feasibility study at building throughout New Castle County. The feasibility study shall indicate breaker space and building service capacity. The design scope is based on the emails dated 7/23/21.

Project Description:

The purpose of these evaluations are to determine if spare capacity exists to install car charging stations at each facility from existing electrical infrastructure. It is desired to not add any equipment/infrastructure for these stations. Each car charging pole contains two car charging stations requiring two 40 amp dedicated circuits (1 pole = 2 charging station = 2 (40) amp dedicated circuits). The building to be evaluated are:

1. Government Center - 7 existing station installed now
2. Public Safety Building
3. Kimberton Police Academy
4. Gilliam Building
5. Conner Building - 1 existing station installed now
6. Shed Groups
7. Bear Library - 1 existing station installed now
8. Brandywine Hundred Library - 1 existing station installed now
9. Claymont Library
10. Hockessin Library
11. Kirkwood Library
12. Newark Library
13. Route 9 Library
14. Woodlawn Library

Scope of Services:

A. Base Bid:

- Gather and review existing documentation.
- Field survey existing conditions.
- Meet with project team to review project and system design criteria.
- Complete an evaluation and develop a strategy for the proposed installation. Review the strategy with the project team.
- Provide a list of buildings indicating if breaker space and building capacity is available.
- Participate in project review meetings.

Assumptions/Omissions:

For the purposes of estimating the time required to complete the above scope the following assumptions/omissions have been made.

1. Detailed design documents and construction assistance are not included in our proposed fee. Our efforts will generate documents required for generation of a report on system modification or upgrades.
2. Evaluation of other building systems including civil, structural, architectural, mechanical, plumbing, fire alarm, fire protection, security, access control, voice/data or audio/visual systems will be provided by others.
3. Owner to provide space usage information at operating parameters and electrical meter readings for use in system evaluation. Reading shall be provided of the past year.
4. Life cycle cost analysis, energy modeling/calculation, cost estimating, and LEED activities are not included.
5. Owner to provide drawings for any building that is to have an electrical upgrade that is currently in design.
6. We have not included any time for obtaining any meter readings for existing equipment. The study shall be performed based on visual observations and available space in equipment.
7. We have assumed that the charging stations to be reference in this project are the same stations installed at the Churchman Complex and have revenue sharing. We have not included any time for revenue sharing evaluation, verification, or calculation.
8. Coordination/paperwork for revenue sharing with the utility is not included.
9. We have not allotted fee/time for an electrician to open panels. NCC shall provide electrician to open panels during field survey.

Engineering and Design Fee:

Based on the information described above our proposed fee for the project shall be as follows:

Government Center	\$ 1,000.00
Public Safety Building	\$ 1,000.00
Kimberton Police Academy	\$ 500.00
Gilliam Building	\$ 1,000.00
Conner Building	\$ 1,000.00
Shed Groups	\$ 500.00
Bear Library	\$ 500.00
Brandywine Hundred Library	\$ 500.00
Claymont Library	\$ 500.00
Hockessin Library	\$ 500.00
Kirkwood Library	\$ 500.00
Newark Library	\$ 500.00
Route 9 Library	\$ 500.00
Woodlawn Library	\$ 500.00
Reimbursables	\$ 300.00
Total	\$ 9,300.00

This proposed fee will invoices on an hourly basis in accordance with our fee structure. We have included an allowance for reimbursable expenses such as printing, mileage, and overnight mail. Reimbursable expenses will be invoiced at cost with no mark up.

We appreciate the opportunity to submit this proposal and look forward to working with you on this project. Please provide either a purchase order, signed copy of this proposal, or an email response as our authorization to proceed.

If you have any questions or need additional information please give me a call.

Very Truly Yours,

DEDC, llc
Engineering/Design/Consulting

Michael Finamore
Michael Finamore – Project Manager

Proposal Acceptance:

Authorized Signature

Date

NEW CASTLE COUNTY

CAR CHARGERS

PRELIMINARY CONSTRUCTION COST ESTIMATE (October 2022)

INFRASTRUCTURE ONLY - NO CHARGING STATIONS INCLUDED

<u>SITE</u>		Multiplier for Contractor Permits, Mobilization, Demobilization, Etc.	Grand Total
<u>CONNER BLDG</u>			
Directional Bore	\$38,000		
Feeder Conductors	\$180,000		
Transformer	\$35,000		
Enclosure	\$25,000		
Panels	\$15,000		
Concrete	\$15,000		
Branch Circuit Conduits	\$8,000		
Trenching	\$26,000		
Concrete Pullboxes	<u>\$22,000</u>		
TOTAL	\$364,000	x 1.25	\$455,000
<u>GOVERNMENT CENTER</u>			
Directional Bore	\$38,000		
Feeder Conductors	\$180,000		
Transformer	\$35,000		
Enclosure	\$25,000		
Panels	\$15,000		
Concrete	\$15,000		
Branch Circuit Conduits	\$8,000		
Trenching	\$26,000		
Concrete Pullboxes	<u>\$22,000</u>		
TOTAL	\$364,000	x 1.25	\$455,000
<u>PUBLIC SAFETY BLDG</u>			
Directional Bore	\$49,000		
Feeder Conductors	\$180,000		
Interior Feeder	\$24,000		
Transformer	\$35,000		
Enclosure	\$25,000		
Panels	\$15,000		
Concrete	\$15,000		
Branch Circuit Conduits	\$8,000		
Trenching	\$26,000		
Concrete Pullboxes	<u>\$22,000</u>		
TOTAL	\$399,000	x 1.25	\$498,750
<u>GILLIAM BLDG</u>			
Trenching & Conduit	\$12,000		
Interior Conduit	\$7,000		
Interior Panel Work	\$16,000		
Asphalt Patching	\$34,000		
TOTAL	\$69,000	x 1.25	\$86,250

**New Castle County**

87 Reads Way
New Castle, DE 19720

Bill To

ACCOUNTS PAYABLE
87 READS WAY
NEW CASTLE, DE 19720

Ship To

FACILITIES MAINT-PUBLIC WORKS
187A OLD CHURCHMANS ROAD
NEW CASTLE, DE 19720

Vendor

101740

DEDC LLC
315 S CHAPEL STREET
NEWARK, DE 19711

Purchase Order

Fiscal Year 2022

Page 1 of 1

**THE PURCHASE ORDER NUMBER MUST APPEAR ON
ALL INVOICES, PACKAGES, AND SHIPPING PAPERS.**

Purchase Order Number

22003993

Purchase Order Date

03/04/2022

Department

PW - CAPITAL PROJECTS

Questions regarding Purchase Orders should be directed
to the Purchasing Section at (302) 395-5250

VENDOR PHONE NUMBER	VENDOR EMAIL	VENDOR NUMBER	REQUISITION NUMBER	BUYER NAME	DELIVERY REFERENCE
3027387172	HKRINSKY@DEDC-ENG.COM	101740	10504	Clifton Crawford	

NOTES

ELECTRICAL DESIGN FOR ADDING CAPACITY

The Above Purchase Order Number Must Appear On All Correspondence - Packing Sheets And Bills Of Lading

ITEM #	DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED PRICE
1	DESIGN ELECTRICAL NEEDS TO ADD INFRASTRUCTURE TO SUPPORT ADDITIONAL EV CHARGING STATIONS AT, GC, CONNER, GILLIAM AND PSB. BID #19P-003 PROJECT # C302203	1.0000	EACH	\$120,000.0000	\$120,000.00

Total Ext. Price

\$120,000.00


Chief of Technology and Administrative
Services

Purchase Order Total**\$120,000.00**

BUDGET INFORMATION - Construction Programs

COST CLASSIFICATION

1. Administrative and legal expenses = Network Fees
2. Land. structures, rights-of-way, appraisals, etc.
3. Relocation expenses and payments = Freight
4. Architecture and engineering fees
5. Other architectural and engineering fees
6. Project inspection fees
7. Site work
8. Demolition and removal
9. Construction = Electrical Equipment & Labor to Install
10. EV Charging Equipment
11. Miscellaneous
12. SUBTOTAL (sum of lines 1-11)

13. Contingencies

SUBTOTAL

15. Project (program) income

16. TOTAL PROJECT COSTS (subtract #15 from #14)

17. Federal assistance requested. Calculate as follows:
(Consult Federal agency for Federal percentage share.)

Enter the resulting Federal share.

Turnkey Install Cost Breakdown for CFI Submission

9. Construction = Electrical Equipment & Labor to Install

9. Construction = Electrical Equipment & Labor to Install

4. Architecture and engineering fees

Site Work

Miscellaneous

Total Cost

Costs Not Allowable for Participation

\$432.00

\$1,695.00

\$14,875.00

\$42,500.00

\$144,500.00

\$312,782.00

\$10,625.00

Enter eligible costs from line 16c Multiply X

80%

\$212,500.00

18%

\$38,250.00

50%

\$106,250.00

7%

\$14,875.00

20%

\$42,500.00

5%

\$10,625.00

Total Allowable Costs (A - B)

\$432.00

\$0.00

\$1,695.00

\$14,875.00

\$0.00

\$0.00

\$42,500.00

\$0.00

\$144,500.00

\$312,782.00

\$10,625.00

\$527,409.00

\$0.00

\$527,409.00

\$0.00

\$0.00

FLEET VEHICLE SOURCE

QUOTE

979 S VILLAGE OAKS DR
COVINA, CA 91724

office 626-228-3077 fax 626-416-3064

SOLD TO:

New Castle County
(Public Works Transportation)
87 Read's Way
New Castle, DE 19720
Dale Saunders
dale.saunders@newcastlede.gov



U.S. FLEET SOURCE

Veteran Owned Small Business

Quote Number NCC1024-1

Date 10/24/2022

Supplier ID Number 0000426172

Contract State of Delaware

Contract Number GSS22561-VEH_LDP

Specification G

SHIPPED TO:

Same

Sales Tax Rate:

-

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	2023 Nissan Leaf SV Plus	\$ 36,581.00	\$ 36,581.00
1	Pearl White Paint	\$ -	\$ -
1	Additional Key/Fob	\$ 479.00	\$ 479.00
1	Public Works Equipment Installed per Spec 1	\$ 2,219.00	\$ 2,219.00
	- Public Works communication radio and required antenna		
	- WeatherTech Floor Mats		
	- WeatherTech Cargo/Trunk Liner		
QUOTE			
* Price does not include sales tax, license or registration fees			
** The auto industry has been severely impacted with a shortage of semi-conductors. This has created unprecedented delays, and, in some cases, cancellations. Under these conditions, US Fleet Source is currently unable to secure a delivery date. Please contact our Fleet Representative for more information.			
Per Federal Code 52.232-40 the Contractor shall make accelerated payments to its small business contractors after the receipt of a proper invoice and all required documentation.		SUBTOTAL	\$ 39,279.00
		TAX	\$ -
		TOTAL	\$ 39,279.00
DIRECT ALL INQUIRIES TO: sales@usfleetsource.com 626-228-3077			PAY THIS AMOUNT

