



ChargeUP

NOTICE TO PROCEED

**CITY OF GAHANNA
DCFC INSTALLATION PROJECT**

Gahanna, Ohio

Friday, 9 January 2015

Scott Moretz, PMP
Vice President of Operations
ChargeUp, LLC
2862 Buford Highway, Suite 105
Duluth, GA 30096



Friday, 9 January 2015

Matthew Holdren
Deputy Director – Department of Public Service
City of Gahanna, Ohio

Dear Matthew,

This document serves as the Notice to Proceed for the City of Gahanna DCFC Installation Project. With the execution of this document by City of Gahanna, ChargeUp will start the equipment acquisition process with Nissan North America, Greenlots and Signet in accordance with the EV Advantage Program.

Project Scope Statement: City of Gahanna is seeking to specify, acquire and contract the installation of one (1) *Signet FC50K-CC DCFC (208 3 Phase – 200 AMP)* and has qualified for all financial incentives under the Nissan EV Advantage Program.

Project Equipment:

Signet FC50K-CC DCFC: The Signet Systems multi-standard 50kW fast charger (both CHAdeMO & SAE Combo standards) is one of the preferred DCFC solutions by ChargeUp. The FC50K-CC DCFC allows the host site to utilize multiple voltage inputs (3 phase 3 wire AC 200 ~ 280V, 200 Amp; 3 phase 4 wire AC 380 ~ 480V, 90 Amp) and allows for a Max DC Power output of 50KW. This project is specified for a **208 3 Phase 200 AMP** connection unless otherwise noted by the Project Electrician. Appendix A for Product Specification Sheet and Appendix D for the Installation Manual

Electric Vehicle Connection: Output vehicle connections for the Signet FC50K-CC DCFC unit includes one (1) CHAdeMO JEVS G105 connection and one (1) SAE (J1772) Combo Connection. **THIS UPGRADED SAE (J1772) COMBO CONNECTION IS AT NO COST TO THE CITY OF GAHANNA – LIST PRICE OF \$5,000.00.**

Greenlots SKY Network Management Platform (Signet FC50K-CC DCFC): Greenlots believes in and is committed to open standards and open driver access for EV charging infrastructure. The company is deeply involved in the development of Open Charge Point Protocol (OCPP), the leading global open standard for communications between charging stations and backend network providers. Greenlots' senior team is active on standardization efforts at the state and federal level, contributing to technical and policy committees to encourage interoperability and openness across the industry.

SKY Network Management Platform is a web-based EVSE management solution built on open standards. It allows site hosts to manage their charge stations from the web browser of any computer. SKY enables convenient and innovative features such as real-time EVSE status, charging data logging the ability to charge users a fee for charging their vehicles.

Credit card payments via smartphone app and RFID cards: The smartphone app (available on iOS and Android) allows the user to pay with any major credit card. Users may also look up the EVSE status before arriving at the station. The user just has to download the app on his smartphone, identify the EVSE via QR code or serial number and enter his credit card details to start a charge. No credit card is needed if there is no fee to use the EVSE. The SKY platform also supports RFID or transit card based access and payments using prepaid value. Through our smartphone app or our secure web portal, users are able to check and top-up their prepaid balance at any time.

Transaction and Charging Data Reporting: SKY records usage and meter data for every charging transaction on every EVSE. The data collected is as follows:

- Unique ID of the reporting EVSE (one ID per charging port)
- Unique transaction ID for each plug-in / unplug or charging session
- Unique ID for each user – either via RFID, from smartphone app or via credit card
- Start and end charge timestamps (1 minute resolution)
- Total kWh per charge session (up to 10Wh resolution)
- Total fee per charge session
- Historical log of all faults or errors

Flexible Pricing, Access Control and Remote Control: The operator is able to set different pricing for the EVSE based on a time of use (TOU) schedule for peak, mid-peak or off-peak hours, weekdays and weekends or based on the cost of electricity. Access may be restricted to certain groups of users or a group of user (e.g.: marketing team employees) may enjoy free charging while everyone else pays the standard fee and vice-versa. The operator may remotely start or stop a charge session, enable or disable the EVSE for use. Administrator level access can be created with full access to charge session reports and remote functions. Restricted operator access (view only) is also supported. In addition to the above, SKY calculates and present data such as average number of users per day, average duration of charging and comparison of daily usage trends. All data can be downloaded in a csv format.

Services – Provided by Greenlots SKY: Detailed charging / revenue reports can be provided on a periodic basis (e.g.: monthly). While the exact content and layout can be customized according to customer's requirements, please refer for a sample weekly charging report that is downloadable from SKY today. Comprehensive technical support including 24/7 tier 1 phone support, case logging and reporting is included in the technical support package in the overall offer. See Appendix B the Product Specification Sheet and Service and Subscription Agreement.

It is understood that the City of Gahanna may or may not initially charge for usage of the DCFC. The above information is provided to the City of Gahanna as general information about Greenlots in the event that the city would like to set up a Greenlots account in the future.

Payment Schedule:

PAYMENT SCHEDULE	DATE	AMOUNT
Initial Project Payment	Upon Execution of Proposal/Agreement	\$0.00
Project Progress Billing	Upon Delivery of DCFC Equipment	\$0.00
Final Payment	Due Upon Commissioning	\$0.00

Does not include Travel Expenses for Commissioning to be Reimbursed to ChargeUp by the City of Gahanna

Project Schedule: Please find the initial Project Schedule below.

City of Gahanna						
STAKEHOLDERS	Project Owner	City of Gahanna	Matthew Holdren	614.342.4005	matthew.holdren@gahanna.gov	
	Program Manager	ChargeUp	Scott Moretz, PMP	678.936.5065	scott@chargeup-ev.com	
	Project Manager	ChargeUp	Nathan Raith	920.595.0601	nathan@chargeup-ev.com	
	Project Engineer	ChargeUp	Joe Ussery, PE	404.518.9866	jussery@columbia-engineering.com	
	Utility Representative	AEP	TBD	TBD	TBD	
	Project Electrician	TBD	TBD	TBD	TBD	
	Nissan Representative	Nissan North America	Anthony Lambkin	615.725.0788	anthony.lambkin@nissan-usa.com	
	Greenlots Representative	Greenlots	Rachel Moses	888.751.8560	rachel@greenlots.com	
	Clean Cities Representative	Clean Fuels Ohio	Cynthia Maves	614.313.6384	cynthia@cleanfuelsohio.org	
	PROJECT SCHEDULE					
PROJECT SCHEDULE	PHASE	START	END	DURATION	LEAD	COORDINATING INSTRUCTIONS
	SITE VISIT	10/29/14	10/29/14	1 Day	MORETZ	Site Visit by ChargeUp
	SITE EVALUATION	10/29/14	10/29/14	1 Day	MORETZ	Project Evaluation with Nissan
	INITIAL UTILITY COORDINATION	10/29/14	11/4/14	0 Days	N/A	Initial Utility Coordination
	NISSAN APPROVAL	10/29/14	10/29/14	1 Day	LAMBKIN	Site Approved by Nissan
	CLIENT SCOPE REVIEW	12/3/14	12/31/14	28 Days	HOLDREN	Project Scope Review and Approval
	NOTICE TO PROCEED ISSUED	1/16/15	1/16/15	1 Day	HOLDREN	Notice to Proceed Issues -OFFICIAL PROJECT START
	EQUIPMENT ACQUISITION	1/16/15	1/16/15	1 Day	RAITH	ChargeUp to Acquire all Equipment
	FINAL UTILITY COORDINATION	n/a	n/a	0 Days	N/A	Final Coordination with Utility Provider
	UTILITY CONSTRUCTION	n/a	n/a	0 Days	N/A	Utility Construction / Meter Installation
	PERMITTING	n/a	n/a	0 Days	TBD	Required Permitting - COPY TO CHARGEUP
	SITE PREPERATION	2/9/15	2/13/15	4 Days	TBD	Site Preparation for EV Charging Equipment
	EQUIPMENT ARRIVAL	2/16/15	2/16/15	1 Day	RAITH	Arrival of DCFC
	EQUIPMENT INSTALLATION	2/17/15	2/18/15	1 Day	TBD	EV Charging Equipment Installation
	FINAL INSPECTION	2/19/15	2/19/15	1 Day	TBD	Final Inspection by ChargeUp
	AS BUILTS	2/19/15	2/19/15	1 Day	RAITH	As Built Documentation by ChargeUp
	COMMISSIONING	2/19/15	2/19/15	1 Day	RAITH	Commissioning and Testing of Equipment
	SIGNAGE INSTALLED	2/19/15	2/19/15	1 Day	MAVES	Signage and Site Registration
PRESS RELEASES	3/4/15	3/4/15	1 Day	MAVES	Press Release and Ribbon Cutting	
RED TEXT = ACTION REQUIRED	COMPLETE	IN PROGRESS	PENDING	URGENT		

See Appendix C for the Full Weekly Operations and Update Report.

Nissan DCFC Hardware Donation: City of Gahanna, OH (Company) acknowledges that Nissan makes no representations or warranties with respect to the Chargers pursuant to this Agreement. Nissan assumes no responsibility for Company's losses, liability, damages, costs or expenses arising directly or indirectly out of the manufacture, installation, maintenance or operation of the Chargers, including but not limited to, personal injury, property damage or economic damage directly or indirectly caused by the Chargers. OTHER THAN THE MANUFACTURERS WARRANTIES THAT MAY BE PROVIDED WITH A PURCHASE OF THE CHARGERS, COMPANY AGREES AND UNDERSTANDS THAT THERE ARE NO WARRANTIES OF ANY KIND, WHETHER STATUTORY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF TITLE, NONINFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Company shall receive all rights, titles and interest in the Chargers upon shipment. Further, consistent with a donation, Nissan shall have no obligations for the repair, maintenance, or for the replacement of parts or for providing engineering services, or any other obligations with respect to the Chargers. NISSAN will order the Chargers and pay for all shipping costs associated with the original delivery of the donation to the individual project location provided by Company and approved by Nissan upon Nissan's receipt of a copy of a site permit for the installation of the Chargers.

Project Administration:

ChargeUp, LLC Information:

ChargeUp, LLC
2862 Buford HWY, Suite 105
Duluth, GA 30096
Georgia LLC
EIN: 46-3369746

Notice to Proceed: To be executed by the City of Gahanna, as of the Effective Date:

<u>Rebecca W. Stinchcomb</u>	<u>Rebecca W. Stinchcomb</u>
Authorized Signature	Name
<u>Mayor</u>	<u>1/26/15</u>
Title	Date

Scott Marty 1/9/2015

Chargeup, LLC