Awardee Name:  City of Orem

Award Amount (verify that requested amount does not exceed this amount): $308,269

Project Summary

- Proposed number of EVSEs (type and quantity of each) 4 DC Fast EVSE
- Actual number of EVSEs (type and quantity of each) 4 DC Fast EVSE
- Proposed address of EVSE location(s): 56 North State Street Orem, UT 84057
- Actual address of EVSE location(s): 56 North State Street, Orem, UT 84057; 58 North State Street Orem, UT 84057; 95 East Center Street Orem, UT 84057; and 97 East Center Street Orem, UT 84057 (These are all located within the Orem City Hall campus, see email 09/17/20).
- Bid amount: $270,675
- Invoice amount: $270,675 ($72,947 Installation Invoice #676 and $197,728 for the EVSE units, Network and Warranty Invoice 621)

Provide a description of any modifications from the original, proposed project.
- A site map showing the location of the EVSE funded by this funding assistance;
- Installation start date of the EVSE project: May 15, 2020;
- The date the EVSE was placed into service: August 7, 2020;
- A photo of the EVSE funded by VW funding assistance and placed into service;
- The estimated hours per day and days per year the EVSE funded by the VW funding assistance will be used: 3 hours per day and 121 days a year.
- A final purchase invoice for each EVSE, installation, maintenance, and other itemized actual costs in which the was requested in your Funding Assistance Application. The invoice shall include:
  a. the invoice date;
  b. the itemized purchase cost for each item or service listed in the competitive bid; and
  c. the applicant as the purchaser;
- If costs are higher than the original bid, are the increased costs reasonable? N/A
- If items purchased are different from competitive bid did entity document that they meet procurement rules for changed items (see Terms and Conditions section II B.);
- Proof of payment ($197,728 check #330065 for invoice 621 and $72,947 check #332698 for invoice 676).

Reviewed by
Mat Carlile
Jeff Robb
Becky Close
Andrea Riddle
Request For Payment from
VW EVSE

Division of Air Quality
Department of Environmental Quality
State of Utah
195 North 1950 West
Salt Lake City, UT 84116

PAYABLE TO: City of Orem
56 N. State
Street
Orem, UT 84057

TAX ID:

<table>
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<tr>
<th>CHARGE TO</th>
<th>Fund</th>
<th>Agency</th>
<th>Approp</th>
<th>Unit</th>
<th>Function</th>
<th>Prog</th>
<th>Object or BS</th>
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<td>2113</td>
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<tr>
<td>9/21/2020</td>
<td>Payment to City of Orem for reimbursement for purchase, installation, network, and Warranty of 4 DC Fast Electric Vehicle Supply Equipment units ($270,675)</td>
<td>$270,675.00</td>
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</table>

Reviewed and Approved By:
Mat Carlile (Sep 21, 2020 06:38 MDT)
Andrea Riddle (Sep 21, 2020 11:48 MDT)
## INVOICE

**BILL TO**
Orem, Utah  
Taggart Bowen  
56 North State Street  
Orem, Utah 84057

**SHIP TO**
Orem, Utah  
Taggart Bowen  
56 North State Street  
Orem, Utah 84057

**INVOICE** 621  
**DATE** 04/03/2020  
**TERMS** Net 30  
**DUE DATE** 05/03/2020

**SALES REP**  
Keith Anderson

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<td>ChargePoint:CPE250-CMT</td>
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<tr>
<td>Concrete Mounting Template for Express DC Stations. Base Mounting template designed for CP250 and Express Plus Stations. This template is used to align conduits and mounting bolts. This template is to be installed into the foundation before the concrete pad is poured.</td>
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<tr>
<td>Initial Station Activation &amp; Configuration Service includes activation of cloud services and configuration of radio groups, access control, visibility control, pricing.. One time initial service per station.</td>
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<tr>
<td>Installation:INSTALL</td>
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<td>72,947.0</td>
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<tr>
<td>Scope of work includes:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1. Mobilization - $2310</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>2. Installation of 4 EVSE - $1310</td>
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<td></td>
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</tr>
<tr>
<td>3. Installation of conduit and conductors - $12,737</td>
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</tr>
<tr>
<td>4. Installation of 4 signs - $420</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Installation of concrete base pads and bollards - $10,668</td>
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<td></td>
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<tr>
<td>6. Landscape restoration - $2032</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Trenching/Drilling - $43,470</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Notes: This installation does include a panel over by the library being fed by a north transformer and disconnect switches.</td>
<td></td>
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<td></td>
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Remit Wire or ACH Payments to:  
LilyPad EV  
Bank: United Missouri Bank  
Routing# 101000695

| SUBTOTAL | 193,328.00 |
| TAX (0%) | 0.00 |
| SHIPPING | 4,400.00 |
| TOTAL | 197,728.00 |

Thank you for your business.
Page 1 of 2
Checking# 9871859819

-or-

Send Payment Check to

LilyPad EV
C/O UMB Bank
7109 W 80th St
Overland Park, KS 66204

BALANCE DUE

$197,728.00
PAY: One Hundred Ninety Seven Thousand Seven Hundred Twenty Eight Dollars  

TO THE ORDER OF: LilyPad EV, LLC  
9801 W. 100th Terr  
Overland Park, KS 66212  

DATE: 4/21/2020  
CHECK NO.: 330065  

#330065 1:24:0000544 0740225294**  

Comments: Electric Vehicle Charging Station Project, see agreement A-2020-0036  

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<th>REQUEST NUMBER</th>
<th>AMOUNT</th>
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TOTAL: 197,728.00  
DISCOUNT: 0.00  
NET PAYMENT: 197,728.00
### INVOICE

**BILL TO**

Orem, Utah  
Taggart Bowen  
56 North State Street  
Orem, Utah 84057

**SHIP TO**

Orem, Utah  
Taggart Bowen  
56 North State Street  
Orem, Utah 84057 US

**INVOICE** 676  
**DATE** 07/01/2020  
**TERMS** Net 30  
**DUE DATE** 07/31/2020

**SALES REP**

Keith Anderson

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<tr>
<td>Installation:INSTALL</td>
<td>1</td>
<td>72,947.0</td>
<td>72,947.00</td>
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<td>Scope of work includes:</td>
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<td></td>
<td></td>
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</table>

**Sales Tax**

1 0.00 0.00  
Sales Tax calculated by AvaTax on Wed 05 Aug 15:28:46 UTC 2020

---

Remit Wire or ACH Payments to:

LilyPad EV  
Bank: United Missouri Bank  
Routing# 101000695  
Checking# 9871859819

-or-

Send Payment Check to

LilyPad EV

**SUBTOTAL**  
72,947.00

**TAX (0%)**  
0.00

**TOTAL**  
72,947.00

**BALANCE DUE**  
$72,947.00

---

Thank you for your business.
Pay to the order of LilyPad EV, LLC
9801 W. 100th Terr
Overland Park, KS 66212

Seventy Two Thousand Nine Hundred Forty Seven Dollars and 00/100

DATE
9/8/2020

CHECK NO.
332698

AUTHORIZED

GENERAL ACCOUNT

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<tr>
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TOTAL: 72,947.00
DISCOUNT: 0.00
NET PAYMENT: 72,947.00

Comments:
Electric Vehicle Charging Station Project, see agreement A-2020-0036
Installation Information

Start Date of EVSE Installation: May 15, 2020

Date the EVSE stations were placed into Service: August 7, 2020

Estimated Hours/Day EVSE funded by VW will be used: 3 hours per day

Estimated Days/Year EVSE funded by VW will be used: 121 days a year
**PRELIMINARY CONCEPT PLAN**

- **Utilities to Verify Existing Elevations and Locations**
- **Contractor to Bluestake and Pothole All Existing Asphalt, Landscaping, Sprinkler System, Sod, etc.**
- **NOTE: Contractor to Repair Any Damage to Concrete, Base and 3 Inches of Asphalt**
- **DAMAGED ASPHALT WITH 8 INCHES OF ROAD BASE AND 3 INCHES OF ASPHALT**
- **Contractor to Repair Any Damage to Concrete, Curb, Gutter and Sidewalk. Widen Sidewalk If Needed to Maintain Min. 5' Width. Replace Any Damaged Concrete Curb, Gutter and Sidewalk With New Wall as Needed to Maintain Min. 5' Width. Replace Any Damaged Asphalt With New Parts of Road Base and 3 Inches of Asphalt**
- **2018-19 Charging Station - City Center Area**
- **Core Through Wall of Existing Building Through Interior of Building**
- **Power Loss Due To Longer Lengths of Wire Large Enough to Account For Any**
- **Install New Conduit Through Existing Building**
- **Install New Conduit Through Existing Building and Core Through Wall of Existing Building**
- **Install New Electrical Junction Box. Sweep 2" Conduit Into New Box**
- **Install New DC Fast Charging Station With Concretes Pad and Use 4" Bollards, Re-Place Any Damaged Concrete Bollards on Existing Pad**
- **INSTALL NEW STATE PERMIT PARKING ONLY SIGN**
- **INSTALL NEW EE PARKING SIGN. INSTALL EE THERMOPLASTIC SYMBOL IN PARKING STALL**
- **INSTALL 80' OF 2" CONDUIT INSTALL NEW EV PARKING SIGN. INSTALL EV THERMOPLASTIC SYMBOL IN PARKING STALL**
- **Install APPROX. 300' OF 2" CONDUIT RUN FROM THE PANEL TO EACH CHARGING STATION**
- **Install APPROX. 60' OF 2" CONDUIT**
- **Install APPROX. 180' OF 2" CONDUIT**
- **THERMOPLASTIC SYMBOL IN PARKING STALL**
- **INSTALL NEW CONDUIT UP EXTERIOR WALL AND CORE THROUGH WALL OF EXISTING BUILDING**
- **INSTALL NEW ELECTRICAL JUNCTION BOX. SWEEP 2" CONDUIT INTO NEW BOX**
- **INSTALL NEW ELECTRICAL JUNCTION BOX**
- **INSTALL NEW DV FAST CHARGING STATION WITH CONCRETE PAD AND USE 4" BOLLARDS, REPLACE ANY DAMAGED CONCRETE BOLLARDS ON EXISTING PAD**
- **INSTALL NEW ELECTRICAL JUNCTION BOX. SWEEP 2" CONDUIT INTO NEW BOX**
- **INSTALL NEW DV FAST CHARGING STATION WITH CONCRETE PAD AND USE 4" BOLLARDS, REPLACE ANY DAMAGED CONCRETE BOLLARDS ON EXISTING PAD**
- **PUBLIC SAFETY**
- **COURTHOUSE**

**Site Plan**

- **City of Orem**
- **Development Services**
- **City Engineer**
- **Public Safety**
- **Design**
- **Check**
- **Drawn**
- **Approved**
- **Approval Recommended**
- **PRELIMINARY CONCEPT PLAN**

**City of Orem**

**OREM, UT 84057**

**56 NORTH STATE ST**

**ENGINEERING DIVISION**

**DEVELOPMENT SERVICES**

**PRELIMINARY CONCEPT PLAN**

**NOTE: Contractor to Repair Any Damage to Concrete, Asphalt, Landscaping, Sprinkler System, Sod, etc. Contractor to Bluestake and Pothole All Existing Elevations to Verify Existing Elevations and Locations**
Preliminary Concept Plan

- Install new electric line to each charging station.
- Install new electrical junction boxes.
- Contractor to remove and replace signs if needed.
- Note: Contractor to repair any damage to concrete, asphalt, landscaping, sprinkler system, sod, etc.

Utilities to verify existing elevations and locations.

- Power loss due to longer lengths of wire.
- Contractor to bluestake and pothole all existing wire large enough to account for any asphalt, landscaping, sprinkler system, sod, etc.

- Existing underdrain 150' SWEEP NEW 2" CONDUIT.
- Install 310' of 2" conduit.
- Install 140' of 2" conduit.
- Install 150' of 2" conduit.
- Sweep new 2" conduit into new junction box.
- Install new electrical sign.
- Install 28' of 2" conduit.

Install new EV parking sign.
Install thermo plastic symbol in parking stall.
Protect existing landscape curbing.
Contractor to replace or repair existing concrete steps/ walkway if damaged.

- Replace signs if needed, typ.
- Contractor to remove and replace signs if needed.
- Note: Contractor to repair any damage to concrete, asphalt, landscaping, sprinkler system, sod, etc.

- Replace any damaged asphalt with 8 inches of road base and 3 inches of asphalt.
- Replace any damaged concrete to match existing concrete thickness.
- Replace any damaged concrete curb, gutter and protect existing landscape curbing.

- Damaged concrete to match existing concrete thickness.

- Contracting to bluestake and pothole all existing wire large enough to account for any asphalt, landscaping, sprinkler system, sod, etc.
- 3 inches of asphalt with 8 inches of road base and 3 inches of asphalt.
- Cost.

- Install new electrical sign.
- Install new electrical junction box.
- Install new 3" conduit into existing junction box.
- Install new 3" conduit into new junction box.
- Install 2" conduit into existing junction box.
- Install 2" conduit into existing junction box.
- Install new electrical sign.
Reimbursement Request

4 messages

Vw DEQ <vw@utah.gov>
To: trbowen@orem.org

Reimbursement Requests
If you have completed your project you can now submit a request for reimbursement. To receive reimbursement for eligible costs, submit all necessary documentation. These documents should include the following:

- A final purchase invoice for each EVSE, installation, maintenance, and other itemized actual costs in which the was requested in your Funding Assistance Application. The invoice shall include:
  - a. the invoice date;
  - b. the itemized purchase cost for each item or service listed in the competitive bid; and
  - c. the applicant as the purchaser;

- Proof of payment;
- A photo of the EVSE funded by VW funding assistance and placed into service;
- A site map showing the location of the EVSE funded by this funding assistance;
- The date that the installation began;
- The date the EVSE was placed into service; and
- The estimated hours per day an days per year the EVSE funded by the VW funding assistance will be used.

This is also outlined in your terms and conditions please review to ensure that you have all of the necessary items for your project to request reimbursement.

Taggart Bowen <trbowen@orem.org>
To: Vw DEQ <vw@utah.gov>
Cc: "Ryan L. Clark" <rlclark@orem.org>

Wed, Sep 16, 2020 at 4:51 PM

Mat,

We have attached the items you requested for the EVSE project reimbursement. Please let us know if you need anything else to meet these requirements.

Thanks,

Taggart
801-229-7316

11 attachments

Orem City DC1.jpg
4495K
Vw DEQ <vw@utah.gov>
To: Taggart Bowen <trbowen@orem.org>
Cc: "Ryan L. Clark" <rlclark@orem.org>

Thu, Sep 17, 2020 at 11:46 AM

Please verify that the 4 DC Fast Charges were install at the following locations: 56 North State Street, Orem, UT 84057; 58 North State Street Orem, UT 84057; 95 East Center Street Orem, UT 84057; and 97 East Center Street Orem, UT 84057. Please also verify that these are all located within Orem City Hall campus.

Thank you.

Taggart Bowen <trbowen@orem.org>
To: Vw DEQ <vw@utah.gov>
Cc: "Ryan L. Clark" <rlclark@orem.org>

Thu, Sep 17, 2020 at 12:25 PM

Yes, these addresses are correct. Each of the stations were installed at the Orem City Hall Campus.

Signature: Becky Close
Email: bclose@utah.gov