



PCO #002

Project: REV236 - VW Battery Buses

## Contract Potential Change Order #002: CO-002 - UTA Battery Electric Bus Charging Infrastructure

<b>CONTRACT COMPANY:</b>	CVE Technologies Group, Inc.	<b>CONTRACT FOR:</b>	223675-OG - Commitment to CVE Technologies Group, Inc.
<b>PCO NUMBER/REVISION:</b>	002 / 0	<b>CREATED BY:</b>	David Smurthwaite (Utah Transit Authority)
<b>REQUEST RECEIVED FROM:</b>	David Osborn (Utah Transit Authority)	<b>CREATED DATE:</b>	2/13/2024
<b>STATUS:</b>	Approved	<b>CONTRACT CHANGE ORDER:</b>	None
<b>REFERENCE:</b>			
<b>FIELD CHANGE:</b>	No	<b>ACCOUNTING METHOD:</b>	Amount Based
<b>LOCATION:</b>		<b>PAID IN FULL:</b>	No
<b>SCHEDULE IMPACT:</b>	427 days	<b>TOTAL AMOUNT:</b>	\$772,181.65
<b>DIRECTION OR AUTHORIZATION TO PROCEED (DAP) PREVIOUSLY EXECUTED::</b>		<b>IT IS MUTUALLY AGREED UPON, THERE IS A SCHEDULE IMPACT DUE TO THIS CHANGE ORDER::</b>	Yes
<b>TIME COMPLETION CHANGE (DAYS/DATE):</b>	427 days / 12/31/2024		

### CHANGE ORDER CHECKLIST

<b>1. IS THERE A CLEAR DESCRIPTION OF THE PERTINENT FACTS FOR THIS CHANGE?:</b>	Yes	<b>2. WAS AN INDEPENDENT ESTIMATE RECEIVED BEFORE THE CONTRACTOR ESTIMATE AND IS THERE A CLEAR RECORD OF NEGOTIA:</b>	Yes
<b>3. IS THERE REFERENCE TO THE APPLICABLE CONTRACT SECTION ALLOWING THE CHANGE?:</b>	Yes	<b>4. IS THERE ADEQUATE JUSTIFICATION FOR THE CHANGE; I.E., ADDED SCOPE, CHANGED CONDITIONS, BETTERMENT ETC.:</b>	Yes
<b>5. WAS AGREEMENT REACHED PRIOR TO STARTING ANY WORK ON THIS CHANGE?:</b>	Yes	<b>6. ARE THERE THIRD PARTY FUNDING PARTICIPANTS AND HAVE THEIR APPROVAL(S) BEEN RECEIVED IN WRITING?:</b>	N/A
<b>7. ARE UTILITY AND ROW AGREEMENTS IN PLACE?:</b>	N/A	<b>8. WAS THE CONTRACTOR INFORMED OF SUBSURFACE CONDITIONS?:</b>	N/A
<b>9. IF THE CHANGE MODIFIES A CONTRACTUAL MILESTONE, IS A SCHEDULE ANALYSIS INCLUDED?:</b>	N/A	<b>10. DID TIME ALLOW GOING OUT TO BID FROM ANOTHER CONTRACTOR?:</b>	N/A
<b>11. IS THE CHANGE DESIGN COMPLETE?:</b>	N/A	<b>12. HAS A LEGAL REVIEW BEEN PERFORMED?:</b>	Yes
<b>13. WERE PROJECT CONTINGENCY REQUIREMENTS OBSERVED?:</b>	Yes	<b>14. ARE ALL ASPECTS OF THIS CHANGE INCLUDING TIME AND PRICE AGREED UPON</b>	Yes



WITHOUT RESERVATION BY THE PARTIES IN:

15. WERE QUOTES FROM OTHER POTENTIAL CONTRACTORS RECEIVED? IF YES, ATTACH.:

16. IS THIS CHANGE CONSISTENT WITH THE ENVIRONMENTAL DOCUMENT AND /OR ENVIRONMENTAL PERMITS?: N/A

17. ARE LABOR, MATERIAL, AND EQUIPMENT PRICES SUFFICIENTLY DETAILED AND ARE MARKUPS PER THE CONTRACT PROVISIO: Yes

18. IS THE CHANGE ALLOWABLE AND APPLICABLE AND QUALIFY FOR FEDERAL PARTICIPATION?: N/A

CHECKLIST NOTES, IF APPLICABLE:

CHANGE ORDER APPROVAL

CHANGE ORDER LEGAL STATEMENT:

The amount of any adjustment to time for Substantial Completion and/or Guaranteed Completion or Contract Price includes all known and stated impacts or amounts, direct, indirect and consequential, (as of the date of this Change Order) which may be incurred as a result of the event or matter giving rise to this Change Order. Should conditions arise subsequent to this Change Order that impact the Work under the Contract, including this Change Order, and justify a Change Order under the Contract, or should subsequent Change Orders impact the Work under this Change Order, UTA or the Contractor may initiate a Change Order per the General Provisions, to address such impacts as may arise.

REQUIRED SIGNATURES:

- Project Manager \$0 - 24,999
Legal Review \$25k or greater
Dir. of Capital Projects \$25k - 74,999
Chief Service Dev. Ofcr. \$75k - 199,999
Executive Director \$200,000+
Procurement/Contracts (for all)

Signature (Legal):

DocuSigned by: Mike Bell
Date: 2/15/2024

Signature (Procurement):

By:
Date:

Signature (Project Manager):

By:
Name:
Date:

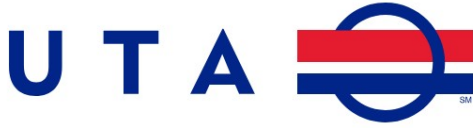
Signature (Director):

By:
Name:
Date:

Signature (Chief Service Development Officer):

By:
David Hancock, Chief Service Development Officer
Date:

Signature (Executive Director):



**PCO #002**

By: \_\_\_\_\_  
Jay Fox, Executive Director

Date: \_\_\_\_\_

**POTENTIAL CHANGE ORDER TITLE:** CO-002 - UTA Battery Electric Bus Charging Infrastructure

**CHANGE REASON:** Configuration Change

**POTENTIAL CHANGE ORDER DESCRIPTION:** *(The Contract Is Changed As Follows)*

CO-002 - UTA Battery Electric Bus Charging Infrastructure

This change order is to add battery electric bus chargers and pantographs at 3900 South and Wasatch Blvd and Central Pointe. These additional chargers support UTA's battery electric buses and provide flexibility on where those buses can be used. UTA will provide the equipment through the existing Gilling contract. CVE will provide all the infrastructure and installation of the UTA-provided equipment. CVE's contract allowed for optional sites to be added at the discretion of UTA and as negotiated with the contractor. An independent cost estimate (ICE) was prepared by the designers and confirms that the pricing from the contractor is fair and reasonable. This change order will also require a time extension to the end of August 2025. It will take approximately a year to obtain the switchgear for the Central Pointe charger.

**ATTACHMENTS:**

[CO Wasatch and 3900 So Updated Pricing .pdf](#), [\\_CO Central Point Updated Pricing .pdf](#), [\\_ICE.pdf](#)

#	Budget Code	Description	Amount
1	40-6236.68912.00000 VW Battery Buses	Wasatch and 3900 South - UTA Battery Electric Bus Charging Infrastructure	\$298,338.03
2	40-6236.68912.00000 VW Battery Buses	Central Point - UTA Battery Electric Bus Charging Infrastructure	\$473,843.62
<b>Grand Total:</b>			<b>\$772,181.65</b>

**CVE Technologies Group, Inc.**

\_\_\_\_\_  
SIGNATURE DATE

DocuSigned by:  
*Cam Prisk* 2/16/2024  
\_\_\_\_\_  
SIGNATURE DATE



Signal & Utility Division  
 1338 S. Gustin Rd.  
 Salt Lake City UT 84104  
 (801) 908-6666

## Change Order

Date: 2/12/2024

To: UTA

Attn: David Osborn

Project: UTA Battery Electric Bus Charging Infrastructure

Job Specifications and Price (if unit prices are quoted, units will be measured on completion and invoiced at these rates).

### Central Point

Description	Unit	Qty	Unit Price	Total
262413 – Switchboards, 2627413-electricity metering & 264313-surge protection for low-voltage electrical power circuits	ea	1.00	\$176,078.93	\$ 176,078.93
Power cabinet custom vault	ea	1.00	\$ 26,530.06	\$ 26,530.06
Pantograph foundation	ea	1.00	\$ 39,370.52	\$ 39,370.52
All power underground raceways and cabling	ea	1.00	\$ 19,548.33	\$ 19,548.33
RMP transformer vault, switchboard pad	ea	1.00	\$ 25,059.00	\$ 25,059.00
Installation of BEB equipment and commissioning	ea	1.00	\$ 7,531.95	\$ 7,531.95
All raceways and cabling for BEB communications	ea	1.00	\$ 17,218.30	\$ 17,218.30
260573-Overcurrent Protective Device Study and labels	ea	1.00	\$ 5,261.89	\$ 5,261.89
26 – Remaining electrical scope not defined above	ea	1.00	\$ 2,526.76	\$ 2,526.76
Excavation, backfill, hauling for Pantograph foundation and power cabinet vault	ea	1.00	\$ 18,330.33	\$ 18,330.33
Trenching, backfill, hauling for electrical feeders	ea	1.00	\$ 5,676.47	\$ 5,676.47
Repair of curbing	ea	1.00	\$ 10,564.40	\$ 10,564.40
Repair of concrete paving, joint sealant and landscape	ea	1.00	\$ 43,041.90	\$ 43,041.90
Traffic and Pedestrian Control	ea	1.00	\$ 3,850.00	\$ 3,850.00
Construction Survey, potholing of utilities and layout	ea	1.00	\$ 4,854.54	\$ 4,854.54
General Conditions and Mob	ea	1.00	\$ 20,025.24	\$ 20,025.24
Bonding	ea	1.00	\$ 1,900.00	\$ 1,900.00
Profit and Overhead	ea	1.00	\$ 46,475.00	\$ 46,475.00
			Total	\$ 473,843.62

Clarifications are on the following page.

Clarifications

- Have included switch gear in this pricing and anticipate a 50-week lead time. We have considered completing the site work and coming back to installing the switchgear / meter when it arrives.
- We have priced this to utilize UTA's provided GC Circuit Conductors. The approximate length of the conductors used is expected to be 720 feet.
- We have included time for ABB inspection and commissioning.
- We have \$87,418.00 dollars allocated as DBE spend.

Please call if there are questions.

Pricing is good for 30 days. We hereby propose to furnish labor and materials - complete in accordance with the specifications. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above this estimate.

THIS PROPOSAL IS EXCLUSIVE OF ANY PREMIUM TIME (OVERTIME) LABOR COSTS; e.g., SATURDAY, SUNDAY OR NIGHT WORK.

<p><b>Cache Valley Electric</b> By: Cam Prisk</p>	<p>The undersigned hereby accepts this proposal including all terms and conditions thereof: Accepted by:</p>
<p>Date: February 12, 2024</p>	<p>Company Name:</p>
<p><b>If this bid is accepted, please sign and return.</b></p>	<p>Title:</p>
	<p>Date:</p>



Signal & Utility Division  
1338 S. Gustin Rd.  
Salt Lake City UT 84104  
(801) 908-6666

## Change Order

Date: 2/12/2024

To: UTA

Attn: David Osborn

Project: UTA Battery Electric Bus Charging Infrastructure

Job Specifications and Price (if unit prices are quoted, units will be measured on completion and invoiced at these rates).

### Wasatch and 3900 South

Description	Unit	Qty	Unit Price	Total
262413 – Switchboards, 2627413-electricity metering & 264313-surge protection for low-voltage electrical power circuits	ea	1.00	\$ 41,740.01	\$ 41,740.01
Power cabinet custom vault	ea	1.00	\$ 20,116.51	\$ 20,116.51
Pantograph foundation	ea	1.00	\$ 37,720.52	\$ 37,720.52
All power underground raceways and cabling	ea	1.00	\$ 21,467.98	\$ 21,467.98
RMP transformer vault, switchboard pad	ea	1.00	\$ 16,664.00	\$ 16,664.00
Installation of BEB equipment and commissioning	ea	1.00	\$ 7,531.95	\$ 7,531.95
All raceways and cabling for BEB communications	ea	1.00	\$ 13,053.46	\$ 13,053.46
260573-Overcurrent Protective Device Study and labels	ea	1.00	\$ 5,261.89	\$ 5,261.89
26 – Remaining electrical scope not defined above	ea	1.00	\$ 2,526.76	\$ 2,526.76
Excavation, backfill, hauling for Pantograph foundation and power cabinet vault	ea	1.00	\$ 18,330.33	\$ 18,330.33
Trenching, backfill, hauling for electrical feeders	ea	1.00	\$ 3,044.12	\$ 3,044.12
Repair of curbing	ea	1.00	\$ 9,432.33	\$ 9,432.33
Repair of concrete paving, joint sealant and landscape	ea	1.00	\$ 35,480.81	\$ 35,480.81
Traffic and Pedestrian Control	ea	1.00	\$ 6,050.00	\$ 6,050.00
Construction Survey, potholing of utilities and layout	ea	1.00	\$ 9,063.62	\$ 9,063.62
General Conditions and Mob	ea	1.00	\$ 20,025.24	\$ 20,025.24
Bonding	ea	1.00	\$ 1,200.00	\$ 1,200.00
Profit and Overhead	ea	1.00	\$ 29,628.50	\$ 29,628.50
			Total:	\$ 298,338.03

Clarifications are on the following page.

- Have included installing RMP provided switch gear for this location.
- We have priced this to utilize UTA's provided GC Circuit Conductors. The approximate length of the conductors used is expected to be 700 feet.
- We have included time for ABB inspection and commissioning.
- We have \$66,760.00 dollars allocated as DBE spend.

Please call if there are questions.

Pricing is good for 30 days. We hereby propose to furnish labor and materials - complete in accordance with the specifications. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above this estimate.

THIS PROPOSAL IS EXCLUSIVE OF ANY PREMIUM TIME (OVERTIME) LABOR COSTS; e.g., SATURDAY, SUNDAY OR NIGHT WORK.

<p><b>Cache Valley Electric</b></p> <p>By: Cam Prisk</p>	<p>The undersigned hereby accepts this proposal including all terms and conditions thereof:</p> <p>Accepted by:</p>
<p>Date: February 12, 2024</p>	<p>Company Name:</p>
<p><b>If this bid is accepted, please sign and return.</b></p>	<p>Title:</p>
	<p>Date:</p>