

Utah Transit Authority  
 669 West 200 South  
 Salt Lake City, Utah 84101  
 Phone: (801) 741-8885  
 Fax: (801) 741-8892



CHANGE ORDER

No. 8

TITLE: Mount Ogden Business Unit (MOBU) Electric Bus Charging  
 PROJECT/CODE: MSP185 - Ogden-WSU BRT/Weber Intermodal  
 TO: Stacy and Witbeck, Inc.  
 ATTN: Maverick Gibbons

DATE: 8/25/2021  
 This is a change order to  
 CONTRACT No: 19-3114BM

DESCRIPTION OF CHANGE: Brief scope, references to scope defining documents such as RFIs, submittals, specified drawings, exhibits, etc.

As part of the Ogden BRT project, Electric Buses and Chargers are being purchased. Chargers include on-route chargers and chargers at the MOBU. The current Stacy and Witbeck contract includes the installation of the on-route chargers, but in order for the buses to be fully functional the MOBU chargers must also be installed. This change order will add the chargers at the MOBU into the scope of the CM/GC contract.

UTA has received a grant from Rocky Mountain Power to help with the costs for the chargers and installation. In order to receive this grant, the chargers need to be installed by November 2021. This change order will help us meet that deadline. SWI installed chargers at SL Central and can construct the infrastructure and install the chargers in a timely manner.

Direction or Authorization to Proceed (DAP) previously executed: YES \_\_\_ NO X

It is mutually agreed upon, there is a schedule impact due to this Change order: YES \_\_\_ NO X

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.

Current Change Order		Contract		Schedule	
Lump Sum:	\$1,082,169	Original Contract Sum:	\$61,572,136	Final Completion Date Prior to This Change:	10/9/2023
Unit Cost:	-	Net Change by Previously Authorized Changes:	\$588,323	Contract Time Change This Change Order (Calendar Days):	0
Cost Plus:	-	Previous Project Total:	\$62,160,459	Final Completion Date as of This Change Order:	10/9/2023
Total:	\$1,082,169	Net Change This Change Order:	\$1,082,169		
		Current Project Total:	\$63,242,628		

ACCEPTED:

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

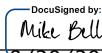
Maverick Gibbons  
 Stacy and Witbeck, Inc.

By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Andrea Pullos  
 Project Manager <\$10,000

By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Jared Scarbrough  
 Acting Director of Capital Construction <\$50,000

By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 David Hancock  
 Acting Chief Service Dev Officer <\$100,000

By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Brian Motes  
 Procurement

By:   
 Date: 8/20/2021  
 Michael Bell  
 Legal Review

By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Mary DeLoretto  
 Acting Executive Director >\$100,000



Change Order Summary Worksheet  
Previously Authorized Changes

Contract	19-3114BM SWI
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Change Order No	Date	Amount of CO	Running Contract Total	Subject
Original Contract			\$61,572,136	
1	11/20/2020	\$0	\$61,572,136	Ogden BRT Phase 2 Early Utility Work and Demolition
2	3/19/2021	\$0	\$61,572,136	Phase II Construction Services Amendment
3	5/21/2021	\$79,765	\$61,651,901	25th and Washington Ogden City Water Line
4	6/18/2021	\$248,604	\$61,900,505	Change to Titan Concrete Mix
5	6/18/2021	\$55,037	\$61,955,542	PCO-004 Haz-Mat Testing and PCO-010 1st Qtr Contractor Incentive
6	7/16/2021	\$107,977	\$62,063,519	Various Scope Modifications for PCO-005, 008, 011, 012 & 014
7	7/16/2021	\$96,940	\$62,160,459	Furnish and Install Wi-Fi on WSU Campus
Total to Date		\$ 588,323		



July 29, 2021

SWI Change Order Request 010

Andrea Pullos  
Project Manager  
Utah Transit Authority  
669 West 200 South  
Salt Lake City, UT 84101

Reference: Ogden WSU BRT Project  
UTA Contract No.: 19-3114BM

**Subject: MOBU Bus Charging**

Dear Andrea,

We are pleased to submit our pricing for the Mount Ogden Business Unit Bus Facility Expansion – Electric Bus Charging. We are requesting a change order in the amount of **\$1,082,169 and 0 additional days**. A price break down and scope letter are attached to this request. This proposal is based on the following UTA Provided documents:

- Mount Ogden Business Unit Bus Facility Expansion BEB Permit Resubmittal Set drawings dated 07/02/2021
- ASI 1 – Charger Base Revision dated 07/26/2021
- Mount Ogden Business Unit BEB Project Manual Permit Set dated 07/07/2021
- HVC-C 100/150 E-Bus Charger Installation Guide for NA products Version 0.2 dated 07/07/2020
- Charger Pedestal W Rear Cable Passage drawings dated 03/18/2019

If you have any questions or need any additional information, please do not hesitate to contact us.

Sincerely,  
Stacy and Witbeck, Inc.

Maverick Gibbons  
Project Manager



July 29, 2021

Andrea Pullos  
Project Manager III  
Utah Transit Authority  
669 West 200 South  
Salt Lake City, UT 84104

Subject: Mount Ogden Business Unit Bus Facility Expansion – Electric Bus Charging

Dear Andrea,

Thank you for the opportunity to provide pricing for the scope associated with this project. The total price for this scope of work is \$1,082,169.

**Mount Ogden Business Unit Bus Facility Expansion –Electric Bus Charging**

Item	Description	Quantity	Unit	Unit Cost	Total
5000	MOB., CLEAN-UP, FIELD SAN., SWEEPING	1.000	LS	\$11,728	<b>\$11,728</b>
6000	TRAFFIC CONTROL & SWPP	1.000	LS	\$2,317	<b>\$2,317</b>
10000	BOLLARDS	32.000	EA	\$1,140	<b>\$36,480</b>
20000	VAULT	1.000	EA	\$31,016	<b>\$31,016</b>
21000	RMP VAULT	1.000	EA	\$16,663	<b>\$16,663</b>
30000	DEMO	1.000	LS	\$10,753	<b>\$10,753</b>
40000	DUCT BANKS & NEW PAD - CIVIL	1.000	LS	\$100,303	<b>\$100,303</b>
50000	ELECTIC - SUB	1.000	LS	\$623,860	<b>\$623,860</b>
60000	MOUNT PED. & ELEC. SUB SUPPORT	1.000	LS	\$12,150	<b>\$12,150</b>
70040000	QC & QA (2.75%)	1.000	LS	\$23,245	<b>\$23,245</b>
70050000	Surveying (1.2%)	1.000	LS	\$10,143	<b>\$10,143</b>
70060000	Safety	1.000	LS	\$1,868	<b>\$1,868</b>
71030000	Project Staff	1.000	LS	\$42,084	<b>\$42,084</b>
71050000	Incidental Overtime	1.000	LS	\$2,626	<b>\$2,626</b>
71060000	Office Supplies	1.000	LS	\$3,456	<b>\$3,456</b>
73010000	Insurance (1.89%)	1.000	LS	\$20,453	<b>\$20,453</b>
73020000	Bonds (0.65% + Sub Bonds)	1.000	LS	\$13,487	<b>\$13,487</b>
74010000	Escalation (Labor Raises for after 7/21)	1.000	LS	\$5,483	<b>\$5,483</b>
74020000	Risk (4%)	1.000	LS	\$33,811	<b>\$33,811</b>
76000000	Small Tools and Supplies	1.000	LS	\$4,743	<b>\$4,743</b>
	Subtotal				<b>\$1,006,669</b>
	CM/GC Fee (7.5%)				<b>\$75,500</b>
	<b>Total</b>				<b>\$1,082,169</b>

# Stacy and Witbeck

## Scope of Work and Bid Item Quantities:

**Mobilization, Clean-up, Field Sanitary, and Street Sweeping – 1 LS** – Includes costs to mobilize equipment to the project site, clean-up the site after completion of the work, portable toilet rental for the time SWI & Subcontractors are performing work outside the building, and street sweeping for when civil and concrete work is occurring plus a final sweep of the project at completion.

**Traffic Control & SWPP – 1 LS** – Includes costs to setup and take down bus routing traffic control and pennant flagging along with placing and removing up to 5 inlet protection bags at the project site.

**Bollards – 32 EA** – Includes costs to procure and install (32 EA) bollards. The bollards will all be installed as the embedded type per plans. SWI will confirm layout with UTA before core drilling of existing concrete and installation of bollard.

**Vault – 1 EA** – Includes the cost to procure and install (1 EA) 4 Panel Power Cabinet as shown on D10/BS-501. Final location and orientation of vault will be coordinated with UTA before saw cutting existing concrete for installation of vault. Vault item also includes installation of a 6-inch-thick reinforced housekeeping pad.

**RMP Vault – 1 EA** – Includes the cost to procure and install (1 EA) RMP Transformer Vault under the new RMP transformer.

**Demo – 1 LS** – Includes the removal and disposal of the concrete pad outside of the building, decommissioned tank, housekeeping pad, ceiling, lighting, wall, and piping connections inside of the building. UTA to assist SWI in removing all remaining oil in tank and pipes before SWI removes tank and caps pipes. SWI shall dispose of all material removed except for the removed hydraulic fluid/oil which will be done by UTA.

**Duct Banks and New Pad – Civil – 1 LS** – Includes removal and replacement of existing concrete pavement to excavate for conduit to be installed by electrical subcontractor. All spoils from excavation will be off hauled from site, excavation will be backfilled with flow fill. Full (12' x 12') concrete pavement panels will be replaced in a modified duct bank run due to existing cracks (per MOBU PCCP Panel Replacement correspondence with Andrea Pullos). This will maximize the number of panels repaired in the ductbank area that have existing cracking or damage. Concrete pavement replacement will be installed with drill and bond dowels/rebar to existing concrete and rebar dowel baskets at new joints. SWI will saw and seal concrete after placement.

This item also includes the concrete pad installation shown on sheet BA-101. Outside edge of new pad painted safety yellow. New concrete pad will be reinforced and 6-inch-thick.

**Electrical – Subcontractor – 1 LS** – Furnish and install all conduit, racking, and electrical equipment that is not furnished by UTA or RMP per plans and specifications by Oak Hollow Electric. Note, Spare conduits for indoor EVC-5 station will end at pullbox outside of building.



Per Oak Hollow's Scope Letter Items included in proposal:

- Electrical installation per drawings and specification provided
- Switchboard including arc flash study and commissioning
- Commissioning support for ABB (2bodies/ 2 weeks)
- All conduit and cabling as shown
- Fiber and terminations
- All conduit provided and installed by Oak Hollow - SWI support for conduit install
- Racking as needed for all support structures
- Bus chargers to be pedestal mount detail as provided by Spectrum – 7/26/21
- Buy America Compliant
- Cable will be purchased from a DBE vendor

**Mount Pedestals & Electrical Subcontractor Support– 1 LS** – Furnish and install anchors to mount the 15 each charger pedestals to existing concrete. Also includes time to support Oak Hollow's conduit installation and electrical scope.

#### **Exclusions:**

- Permit Fees
- Sales Tax on Permanent Materials
- HAZMAT and Contaminated Material Testing and Remediation
- Over-excavation and Grade Stabilization
- Utility Conflicts or Relocations
- Walls and Wall Removal with exception of wall demo per plans
- Asphalt Milling and Overlay
- PCCP Concrete Repair or Sealing outside of restoration limits
- Painting/cleaning the decommissioned tank room.
- Any Harmonic Filtering
- All boring and restoration from boring
- Furnish of all ABB equipment

#### **Clarifications:**

- Bid is all inclusive and is not to be separated without consent from SWI.
- Bid is valid for 30 days, SWI reserves the right to reprice materials after this time if no NTP is provided.
- Assuming all construction in 2021 – early 2022.
- The scope of work is inclusive of only the items and scope that are listed above. Any other items of work or changes to the below scope will need to be repriced.
- Restoration of removed wall shall be limited to sack & patch of saw cut removal limits
- Bid is per ASI#1 received 7/28/2021, Charger Pedestal drawings dates 3/18/2019, UTA MOBU Bus Facility Expansion Plans dated 7/2/2021, and Project Manual dated 6/7/2021.
- DC Chargers pedestals will be bolted directly to existing concrete pavement. No new curbs for the pedestals are anticipated.

# Stacy and Witbeck

If you have any questions, please contact me.

Sincerely,  
Stacy and Witbeck, Inc.

A handwritten signature in blue ink that reads "Mike Moran". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mike Moran  
Lead Estimator