

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



CHANGE ORDER
 No. 12

TITLE: Additional Design Services During Construction
 PROJECT/CODE: MSP185 - Ogden-WSU BRT/Weber Intermodal
 TO: Jacobs Engineering, Inc.
 ATTN: Troy Sieglitz

DATE: 6/18/2021
 This is a change order to
 CONTRACT No: 18-02925BM

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

The original contract did not include construction support. While there were some savings in the design fee which have been used for the design services during construction, additional funds are needed to finish out the project helping with construction issues, cultural resources discovered during construction and right of way issues. The reason for this change is due in part to the construction schedule being one year longer than originally assumed, and a larger role associated with transition of management changes for UTA and the Program Management team (WSP to HNTB). This change order also includes a time extension from 12/31/2022 to 5/31/2023.

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 X NO ___

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:	\$433,421	Original Contract Sum:	\$6,693,519	Final Completion Date Prior to This Change:	12/31/2022
Unit Cost:	-	Net Change by Previously Authorized Changes:	\$751,831	Contract Time Change This Change Order (Calendar Days):	161
Cost Plus:	-	Previous Project Total:	\$7,445,350	Final Completion Date as of This Change Order:	5/31/2023
Total:	\$433,421	Net Change This Change Order:	\$433,421		
		Current Project Total:	\$7,878,771		

ACCEPTED:

By: _____
 Date: _____

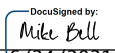
Troy Sieglitz
 Jacobs Engineering, Inc.

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

By: _____
 Date: _____
 David Hancock
 Director of Capital Construction <\$50,000

By: _____
 Date: _____
 Mary DeLoretto
 Chief Service Dev Officer <\$100,000

By: _____
 Date: _____
 Brian Motes
 Procurement

By: 
 Date: 6/24/2021
 Michael Bell
 Legal Review

By: _____
 Date: _____
 Carolyn M. Gonot
 Executive Director >\$100,000



Change Order Summary Worksheet
Previously Authorized Changes

Contract	18-02925BM JAC
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Change Order No	Date	Amount of CO	Running Contract Total	Subject
Original Contract			\$6,693,519	
1	5/15/2020	\$94,912	\$6,788,431	Additional Design Services
2	6/19/2020	\$62,961	\$6,851,392	Additional Field Surveying Services
3	6/19/2020	\$119,816	\$6,971,208	Additional Design Services - for Harrison Blvd Revised Typical Section
4	6/19/2020	\$65,000	\$7,036,208	Additional Design Services - SUE Horizontal Utility Locating
5	7/17/2020	\$33,097	\$7,069,305	Additional Design Services for Change in Station Canopy Type
6	9/18/2020	\$4,007	\$7,073,312	Archeological and Architectural resources survey
7	12/18/2020	\$98,069	\$7,171,381	Additional Services - increased number of ROW acquisition deeds and construction staking for early BOR work
8	12/18/2020	\$141,626	\$7,313,007	Additional Design Services: Ogden City Water and Sewer Lines; Ogden Intermodal Center
9	12/18/2020	\$82,414	\$7,395,421	Additional Design Services: WSU Renderings, ROW coordination and Central Campus and Browning Center and
10	2/19/2021	\$19,984	\$7,415,405	Evaluate Existing Pavement at Two Locations
11	4/16/2021	\$29,945	\$7,445,350	Develop additional fly through renderings
Total to Date		\$ 751,831		



June 14, 2021

Janelle Robertson
Utah Transit Authority
669 West 200 South
Salt Lake City, UT 84101

Project Name: Ogden-BRT Final Design
Project Number: Contract No. 18-02925

Subject: Additional Services: Design Services During Construction, Program Management transition support, Submittal Reviews, Parcel Staking and Cultural Discoveries

Dear Janelle

Jacobs is requesting a contract modification for additional Design During Construction Services. This change is based on primarily two things: the construction schedule being one year longer than originally assumed, and a larger role associated with transition of management changes for UTA and the Program Management team (WSP to HNTB). Two other minor additions included are for evaluating impacts and mitigation for cultural resources that are encountered during construction and for staking proposed right of way and easement lines as requested by property owners.

Scope description associated with of one year longer construction schedule and program management support

- Additional 12 months of project management activities for design team members (coordination, invoicing)
- Additional 12 months of weekly one-hour construction coordination meetings with stakeholders (Ogden City/UDOT meeting and WSU meeting). Online attendance for Segment Leads, in person for Design Manager.
- Additional 12 months of weekly 90-minute project management meetings with UTA/SWI/HNTB/Jacobs leadership team. Assume online meetings, no travel.
- Submittal review and coordination with stakeholders and design to obtain timely comments/approval. Includes weekly submittal status/coordination meeting with SWI and HNTB. Comments, reviews and approvals will be managed through UTA's IPCS document control system.
- Weekly site visits with UTA/HNTB and SWI to review/resolve current "hot" issues. Site meetings will occur same day as construction coordination meetings (no additional travel)

Discovery of archeological/cultural elements during construction.

- Assume elements at five locations will be discovered
- Visit site to photograph and document discovery.
- Coordinate with UTA, SHPO and FTA regarding historical significance and if mitigation measures are required. Develop mitigation plan.
- Prepare summary/report for discovered element.

- Designers will evaluate and determine if it is feasible to revise the design in order to protect in place the discovered element or if it requires removal. Designer will produce memoranda summarizing evaluation and results. If design revisions are needed, design effort is included in DSDC hours.

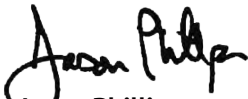
Staking proposed right of way and easement lines.

- During ROW negotiation it is anticipated some property owners will request the limits of acquisitions to be identified in the field (assume 10 parcels).

The specific tasks, work hour estimate and design cost for this work is presented in the attached work hour cost estimate. The level of effort for DSDC is an estimate is unknown and based on circumstances during construction. If the assumed estimated hours are inadequate, additional hours can be added via a contract modification.

Let me know if you have any questions and I appreciate your consideration of this request.

Thank you



Jason Phillips

Project Manager

Jason.phillips@jacobs.com

801-918-6760

Ogden WSU BRT Final Design (Contract No. 18-02925)

Design Services During Construction, Program Management transition support, Submittal Reviews, Parcel Staking and Cultural Discoveries (Design Team)

Loaded Rate:	Projectwide	WSU Segment		Harrison Segment		Ogden City Segment		Stations	Structures	Utilities
	Design Manager	Segment Lead	Staff Support	Segment Lead	Staff Support	Segment Lead	Staff Support			
	\$271.00	\$170.50	\$133.00	\$205.00	\$150.00	\$210.00	\$132.00	\$125.00	\$151.00	\$138.00
Task Description										
Project Management for additional 52 weeks (coordination, invoicing, etc..)	24	12		12		12		12	12	12
Additional Weekly Const Coord meeting with Stakeholders (assume 52 weeks) (In person for DM plus drive time; on line for Seg Leads)	208	52		52		52				
Additional UTA/SWI/Jacobs/HNTB weekly management meetings (assume 52 additional weeks (90 minute meetings))	78									
Weekly Submittal review meetings (8 months 1 hr; 12 months 30 min)	58									
Submittal Review and response	100	80	120	80	120	80	120	300	120	80
Weekly Site Visit between Stakeholder construction coord meetings (156 weeks)	228									
Cultural Site Discovery (assume 5 locations)										
Documentation, avoidance evaluation, justification to remain in place	15									
Subtotal Hours	711	144	120	144	120	144	120	312	132	92
Subtotal Cost	\$192,681	\$24,552	\$15,960	\$29,520	\$18,000	\$30,240	\$15,840	\$39,000	\$19,932	\$12,696
Total Hours	2039									
Total Labor Cost	\$398,421									
Psomas: ROW staking (assume 10 properties)	\$20,000									
CERTUS: Cultural Site Discoveries (assume 5 locations)	\$15,000									
TOTAL	\$433,421									