

REQUEST FOR COUNCIL ACTION

SUBJECT: Approve an Agreement for Engineering Services for the 7800 South Jordan River Pedestrian Bridge (at 1100 W) Project

SUMMARY: Approve the Utah Department of Transportation (UDOT) Local Government Contract and authorize the Mayor to execute the Contract between the UDOT, West Jordan City and JUB Engineers, Inc. for Pre-Construction Engineering Services for the 7800 South Jordan River Pedestrian Bridge project for an amount not to exceed \$119,989.81.

FISCAL AND/OR

ASSET IMPACT: The City is responsible for 6.77% of the expenditures for the total project; which is \$8,123.31 for the JUB contract.

STAFF RECOMMENDATION:

Staff recommends approving the UDOT Local Government Contract and authorizing the Mayor to execute the Contract between the UDOT, West Jordan City and JUB Engineers, Inc. for Pre-Construction Engineering Services for the 7800 South Jordan River Pedestrian Bridge project for an amount not to exceed \$119,989.81.

MOTION RECOMMENDED:

"I move to adopt Resolution No. 19-179 approving the UDOT Local Government Contract and authorizing the Mayor to execute the contract between the UDOT, West Jordan City and JUB Engineers, Inc. for Pre-Construction Engineering Services for the 7800 South Jordan River Pedestrian Bridge project for an amount not to exceed \$119,989.81."

Roll Call vote required

Prepared and to be Presented by:

David Murphy
David Murphy (Sep 24, 2019)

David Murphy, P.E.
Engineering Manager for Capital Projects

Recommended by:

Brian Clegg
Brian Clegg (Sep 26, 2019)

Brian Clegg
Public Works Director

Authorized for Council Consideration:

David R. Brickey
David R. Brickey (Oct 2, 2019)

David R. Brickey
City Manager

Reviewed for Legal Sufficiency:

Jared C. Tingey
Jared C. Tingey (Sep 26, 2019)

City Attorney's Office

BACKGROUND DISCUSSION:

The design for this project is nearing completion, and as part of the preparation for bidding, the UDOT process requires a construction engineering firm to be in place prior to bidding.

Consultant selection was performed using the UDOT process, and JUB Engineers was selected for the construction engineering portion of this project. Staff have worked with JUB previously on other project and concur with this selection. This cost is accounted for in the overall project budget of \$530,000.

Attachments:

Resolution

UDOT Local Government Contract

THE CITY OF WEST JORDAN, UTAH
A Municipal Corporation

RESOLUTION NO. 19-179

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A LOCAL
GOVERNMENT CONTRACT BETWEEN THE UTAH DEPARTMENT OF
TRANSPORTATION, JUB ENGINEERING INC. AND
THE CITY OF WEST JORDAN
FOR THE 7800 SOUTH JORDAN RIVER PEDESTRIAN BRIDGE PROJECT**

Whereas, the City Council of the City of West Jordan has reviewed the attached Local Government Contract between the City of West Jordan, the Utah Department of Transportation (UDOT) and JUB Engineers, Inc. (a copy of which is attached as **Exhibit A**) for Pre-construction Engineering Services for the 7800 South Jordan River Pedestrian Bridge (at 1100 West) in the amount of \$119,989.81; and

Whereas, the proposed Local Government Contract between the City of West Jordan, the UDOT and JUB Engineers, Inc. for pre-construction engineering services for the 7800 South Jordan River Pedestrian Bridge Project in an amount not-to-exceed \$119,989.81 has been reviewed; and

Whereas, the City Council of the City of West Jordan has determined that the attached Local Government Contract between the City of West Jordan, the UDOT and JUB Engineers, Inc. in an amount not-to-exceed \$119,989.81 is acceptable for the 7800 South Jordan River Pedestrian Bridge Project.

NOW, THEREFORE, IT IS RESOLVED BY THE CITY COUNCIL OF WEST JORDAN, UTAH:

Section 1. The Mayor is hereby authorized to execute the Local Government Contract between the City of West Jordan, the UDOT and JUB Engineering, Inc. for pre-construction engineering services for the 7800 South Jordan River Pedestrian Bridge Project in an amount not to exceed \$119,989.81.

Section 2. This Resolution shall take effect immediately.

Adopted by the City Council of West Jordan, Utah, this 9th day of October 2019.

Jim Riding
Mayor

ATTEST:

Jamie Brooks
Interim City Recorder

Voting by the City Council	"YES"	"NO"
Council Member Alan Anderson	_____	_____
Council Member Dirk Burton	_____	_____
Council Member Zach Jacob	_____	_____
Council Member Chad R. Lamb	_____	_____
Council Member Chris McConnehey	_____	_____
Council Member Kayleen Whitelock	_____	_____
Mayor Jim Riding	_____	_____



LOCAL GOVERNMENT CONTRACT

STATE OF UTAH
LOCAL GOVERNMENT
ENGINEERING SERVICES
2019-2022 LG POOL (SMALL PURCHASE)
COST PLUS FIXED FEE

CONTRACT NO. _____
EFFECTIVE DATE _____
TRACKING NO. _____

Project No.: F-LC35(308)
PIN Description: 7800 So Jordan River Pedestrian Bridge at 1100 W
FINET Prog No.: 5482615D
PIN No.: 14947
Work Discipline: Preconstruction Engineering

1. **CONTRACTING PARTIES:** This contract is between West Jordan City, referred to as LOCAL AUTHORITY and

J U B Engineers Inc
392 E. Winchester St.
Salt Lake City, UT 84107

Legal Status of Consultant: For Profit Corporation

Fed ID No.: 82-0290774

referred to as CONSULTANT, and approved by the Utah Department of Transportation, referred to as DEPARTMENT.

2. **REASON FOR CONTRACT:** The LOCAL AUTHORITY does not have sufficient qualified staff to complete the work required in the suggested time frame and the CONSULTANT is professionally qualified and willing to assist the LOCAL AUTHORITY with Preconstruction Engineering services as further described in Attachment C.
3. **SCOPE OF WORK / CONTRACT PERIOD:** The Scope of Work will end September 30, 2020 and the Contract will terminate September 30, 2021, unless otherwise extended or canceled in accordance with the terms and conditions of this contract.
4. **CONTRACT COSTS:** The CONSULTANT will be paid a maximum of \$119,989.81 for costs authorized by this Contract as further described in Attachment D.
5. **ATTACHMENTS INCLUDED AS PART OF THIS CONTRACT:**
Attachment A – Certification of Consultant and Local Authority
Attachment B – Standard Terms and Conditions
Attachment C – Services Provided by the Consultant
Attachment D – Fees
Attachment E – Insurance

ATTEST
West Jordan City Records Office

The parties below hereto agree to abide by all the provisions of this contract. IN WITNESS WHEREOF, the parties sign and cause this contract to be executed.

CONSULTANT - J U B Engineers Inc

LOCAL AUTHORITY - West Jordan City

By: _____
Title: _____
Printed Name: _____
Date: _____

By: _____
Title: _____
Printed Name: _____
Date: _____

UTAH DEPARTMENT OF TRANSPORTATION

DEPARTMENT Comptroller's Office

By: _____
Title: Director of Preconstruction
Date: _____

By: _____
Title: Contract Administrator
Date: _____

CERTIFICATION OF CONSULTANT

By signing this contract on behalf of the CONSULTANT, I hereby certify I am a duly authorized representative of **J U B Engineers Inc** and that neither I nor the above CONSULTANT I hereby represent has:

- (a) employed or retained for commission, percentage, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the above CONSULTANT) to solicit or secure this contract,
- (b) agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out the contract, or
- (c) paid, or agreed to pay to any firm, organization or person (other than a bona fide employee working solely for me or the above CONSULTANT) any fee, contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out the contract; except as hereby expressly stated (if any):

I acknowledge that this certificate is to be furnished to the Utah Department of Transportation and the Federal Highway Administration, U.S. Department of Transportation in connection with this contract, involving participation of Federal-aid Funds, and is subject to applicable State and Federal laws, both criminal and civil.

CERTIFICATION OF LOCAL AUTHORITY

By signing this contract on behalf of the LOCAL AUTHORITY, I hereby certify I am the duly authorized representative of **West Jordan City** and that the above CONSULTANT or its representative has not been required, directly or indirectly as an express or implied condition in connection with obtaining or carrying out this contract, to:

- (a) employ or retain, or agree to employ or retain, any firm or person, or
- (b) pay, or agree to pay, to any firm, person, or organization, any fee, contribution, donation, or consideration of any kind; except as hereby expressly stated (if any):

I acknowledge that this certificate is subject to applicable State and Federal laws, both criminal and civil.

**LOCAL GOVERNMENT
ENGINEERING SERVICES CONTRACT
STANDARD TERMS AND CONDITIONS**

1. **AUTHORITY:** Provisions of this contract are pursuant to authority set forth in the Utah Transportation Code §§ 72-3-102, 105, and 107; the Utah Procurement Code §§ 63g-6a-101 et seq., and Utah Admin. Code r. R907-66. *(Provision revised March 18, 2019.)*
2. **CONTRACT JURISDICTION AND COMPLIANCE WITH LAWS:** The provisions of this contract shall be governed by the laws of the State of Utah. Also, the CONSULTANT and those engaged by the CONSULTANT shall comply with all Federal, State and local laws, regulations and other legally binding requirements that pertain to the services provided under this contract. The CONSULTANT shall furnish proof of its compliance with state licensing requirements to the LOCAL AUTHORITY and the DEPARTMENT upon request.
3. **RECORDS ADMINISTRATION:** The CONSULTANT shall maintain all books, papers, documents, accounting records and other evidence to support costs billed for under this contract. These records shall be retained by the CONSULTANT for a period of at least six (6) years after the contract terminates, or until all audits initiated within the six years have been completed, whichever is later. These records shall be made available at all reasonable times during the six-year period for audit and inspection by the LOCAL AUTHORITY or the DEPARTMENT and other authorized State or Federal auditors. The CONSULTANT'S records supporting the cost proposal shall also be retained and made available for review by authorized Federal or State staff. Copies of requested records shall be furnished to the LOCAL AUTHORITY or the DEPARTMENT upon request. *(Provision revised June 22, 2016.)*
4. **CONFLICT OF INTEREST:** The CONSULTANT certifies that none of its officers or employees are officers or employees of the State of Utah unless disclosure has been made in accordance with Utah Code § 67-16-8. The CONSULTANT certifies that no engineer, attorney, appraiser, inspector, surveyor or survey crew, or other person performing services for the CONSULTANT has, directly or indirectly, a financial or other personal interest, other than his employment or retention by the LOCAL AUTHORITY or the DEPARTMENT, in any contract or subcontract in connection with this project (Reference 23 CFR § 1.33 (2011)). An example of this situation would be the CONSULTANT subcontracts with the Contractor to perform survey work while contracted by the LOCAL AUTHORITY or the DEPARTMENT to perform construction engineering management services for the same project.

The CONSULTANT further warrants that it has no financial or other interest in the outcome of the work performed under the contract. Examples of this situation would be a Consultant who owns land, options to buy land, or some business enterprise that would be financially enhanced or diminished by any project alternatives.

5. **EMPLOYMENT OF DEPARTMENT EMPLOYEES:** The CONSULTANT agrees not to engage in any way the services on this contract of any present or former Utah Department of Transportation employee who was involved as a decision maker in the selection or approval processes or who negotiated and/or approved billings or contract modification for this contract.
6. **CONSULTANT, AN INDEPENDENT CONTRACTOR:** The CONSULTANT shall be an independent contractor, and as such, shall have no authority, express or implied to bind the LOCAL AUTHORITY or the DEPARTMENT to any agreement, settlement, liability, or understanding whatsoever; and agrees not to perform any acts as agent for the LOCAL AUTHORITY, except as specifically authorized and set forth herein. Persons employed by the LOCAL AUTHORITY and acting under the direction of the LOCAL AUTHORITY shall not be deemed to be employees or agents of the CONSULTANT. Compensation provided to the CONSULTANT herein shall be the total compensation payable hereunder by the LOCAL AUTHORITY.
7. **INDEMNITY - LIABILITY:** The CONSULTANT shall hold harmless and indemnify the DEPARTMENT and the LOCAL AUTHORITY, their officers, authorized agents and employees from and against claims, suits and cost, including attorneys' fees, for injury or damage to the extent caused by the negligent acts, errors, omissions, or willful misconduct of the CONSULTANT, or its subconsultants when acting within the scope of their subcontract, or their respective agents, employees or representatives.

The CONSULTANT is an independent contractor contracted with the LOCAL AUTHORITY and approved by the DEPARTMENT. Any periodic plan and specification review or construction inspection performed by the LOCAL AUTHORITY or DEPARTMENT arising out of the performance of the contract, does not relieve the CONSULTANT of its duty in the performance of the contract, or ensure compliance with customary standard of professional care.

No party to this Agreement shall be liable to the other party or any third party claiming through the other respective party, for any special, incidental, indirect, punitive, liquidated, delay or consequential damages of any kind including but not limited to lost profits or use of property, facilities or resources, that may result from this Agreement, or out of any goods or services furnished hereunder. *(Provision revised June 22, 2016.)*

8. **SEPARABILITY:** The declaration by any court, or other binding legal source, that any provision of this contract is illegal and void and shall not affect the legality and enforceability of any other provision of this contract, unless said provisions are mutually dependent.
9. **LIABILITY INSURANCE:** Services to be provided by the CONSULTANT under this contract are required to be covered by insurance. The CONSULTANT shall furnish the LOCAL AUTHORITY and the DEPARTMENT a Certificate of Insurance applying to this contract for each type of insurance required, to be approved by the DEPARTMENT and the LOCAL AUTHORITY, before the CONSULTANT begins work under this contract. The CONSULTANT'S insurer must be authorized to do business in Utah and must meet the specified A.M. Best rating or better at the time this contract is executed. The following insurance shall be maintained in force until all activities which are required by this contract or as changed by contract modification are completed and accepted by the LOCAL AUTHORITY and the DEPARTMENT:

- (a) General Liability insurance with a limit of not less than \$1,000,000 per occurrence and not less than \$3,000,000 aggregate and having an A.M. Best rating of A-class VIII or better. The limit if different for this contract will be as designated in Attachment C to this contract. If this coverage is written on a claims-made basis, the Certificate of Insurance shall so indicate.

The CONSULTANT represents that as long as commercially available the insurance shall remain in effect such that claims reported up to three (3) years beyond the date of substantial completion of this contract are covered.

- (b) Commercial Automobile insurance with a minimum combined single limit of \$1,000,000 per occurrence OR \$500,000 liability per person, \$1,000,000 per occurrence, \$250,000 Property Damage, and having an A.M. Best rate of A-class VIII or better.
- (c) Architect and/or Engineers Professional Liability (errors and omissions) insurance having an A.M. Best rating of A-class VIII or better, is required at the coverage amount of \$1,000,000 per claim and \$3,000,000 aggregate. If this coverage is written on a claims-made basis, the Certificate of Insurance shall so indicate. The CONSULTANT represents that as long as commercially available the insurance shall remain in effect such that claims reported up to three (3) years beyond the date of substantial completion of this contract are covered (on construction contracts or modifications for construction management the insurance, shall remain in effect for one (1) year after completion of the project).
- (d) Valuable Papers & Records Coverage and/or Electronic Data Processing (Data and Media) Coverage for the physical loss or destruction of the work product including drawings, plans, specifications and electronic data and media. Such insurance shall be of a sufficient limit to protect the CONSULTANT, its sub-consultants, the LOCAL AUTHORITY, and the DEPARTMENT from the loss of said information.
- (e) Aircraft Liability in the amount of \$1,000,000 per occurrence if aircraft are utilized in connection with this contract.

- (f) The CONSULTANT shall provide evidence that his employees and sub-consultant employees are covered by Workers Compensation. If they are covered by Workers Compensation Fund of Utah, then the A.M. Best rating is not required in this area.
- (g) The CONSULTANT shall require the insurance company that issues the Certificates of Insurance for the evidence of the required insurance coverage to endeavor to provide the DEPARTMENT and the LOCAL AUTHORITY with 30-days written notice in the event that coverage is canceled before the policy expiration date stated in the Certificate. The CONSULTANT further agrees to provide the DEPARTMENT and the LOCAL AUTHORITY with 30-days written notice prior to making an alternation or material change to the required insurance coverage.

Policies referred to in 9(a), 9(b) and 9(e) above are required to be endorsed naming the LOCAL AUTHORITY, DEPARTMENT, and the State of Utah as Additional Insureds and, on General Liability and Aircraft Liability, indicate they are primary and not contributing coverage. All required policies, endorsements, insurance companies issuing same, and self-insured programs are subject to review and approval by the State of Utah, Risk Manager. *(Provision revised December 28, 2016.)*

10. **HEALTH INSURANCE:** The CONSULTANT agrees that if the CONSULTANT has an initial contract of 2 million dollars or more, or the contract and modifications are anticipated in good faith to exceed 2 million dollars, or the CONSULTANT has a subcontract at any tier that involves a sub-consultant that has an initial subcontract of 1 million dollars or more, and/or the CONSULTANT has a subcontract at any tier that is anticipated in good faith to exceed 1 million dollars; hereby certifies the following.

The CONSULTANT and all applicable sub-consultants have and will maintain an offer of qualified health insurance coverage for their employees, as defined in Utah Code § 26-40-115 for the employees who live and/or work within the State of Utah, along with their dependents, during the duration of the contract. Employee, for purposes of these requirements, shall be no broader than the use of the term employee for purposes of State of Utah Workers' Compensation requirements.

The CONSULTANT shall demonstrate its compliance with this part and Utah Code § 72-6-107 at the time this contract is executed and its continued compliance is subject to audit by the DEPARTMENT or the Office of the Legislative Auditor General. The CONSULTANT and all applicable sub-consultants shall be subject to all applicable penalties. The CONSULTANT will provide these same requirements in all applicable subcontracts at every tier. *(Provision revised June 22, 2016.)*

11. **PROGRESS:**

- (a) The CONSULTANT may not begin the work governed by this contract prior to receiving an official Notice to Proceed from the DEPARTMENT. The CONSULTANT shall begin the work governed by this contract within one week after receiving a Notice to Proceed from the DEPARTMENT. The CONSULTANT shall prosecute the work diligently and to the satisfaction of the LOCAL AUTHORITY and the DEPARTMENT. If Federal Funds are used on this contract the work will be subject to periodic review by the Federal Highway Administration. *(Provision revised June 22, 2016.)*
- (b) The CONSULTANT will prepare monthly progress reports following the format established by the LOCAL AUTHORITY and the DEPARTMENT in sufficient detail to document the progress of the work and support the monthly claim for payment. Payments will not be made without a supporting progress report. In addition, the CONSULTANT will update the DEPARTMENT'S "electronic Program Management" (ePM) system bi-weekly to reflect the status of the project.
- (c) Progress conferences will be held periodically. The CONSULTANT will prepare and present written information and studies to the LOCAL AUTHORITY and the DEPARTMENT so it may evaluate the features and progress of the work. Any one of the three parties may request a conference; to be held at the office of any, or at a place designated by the LOCAL AUTHORITY or the DEPARTMENT. The conferences shall also include inspection of the CONSULTANT'S services and work products when requested by the LOCAL AUTHORITY or the DEPARTMENT.

- (d) The CONSULTANT will be required to perform such additional work as may be necessary to correct errors caused by the CONSULTANT in the work required under the contract without undue delays and without additional cost to the LOCAL AUTHORITY and the DEPARTMENT.
 - (e) At any time, the CONSULTANT determines the contract work cannot be completed within the specified time or budget, the CONSULTANT shall immediately notify in writing that the CONSULTANT cannot meet specified time or budget requirements and why. The LOCAL AUTHORITY and the DEPARTMENT may, at their sole discretion, agree to extend the contract by written modification.
 - (f) The LOCAL AUTHORITY or the DEPARTMENT may terminate this contract in accordance with the termination provisions of this contract including failure of the CONSULTANT to make satisfactory progress on the contract work, or failure to provide satisfactory work product quality.
 - (g) Should the LOCAL AUTHORITY or the DEPARTMENT desire to suspend the work, but not terminate the contract, the LOCAL AUTHORITY or the DEPARTMENT will notify the CONSULTANT verbally to suspend work immediately. The LOCAL AUTHORITY or the DEPARTMENT will follow this verbal notification with a written confirmation. When the LOCAL AUTHORITY or the DEPARTMENT provides verbal notification to the CONSULTANT to suspend work the CONSULTANT agrees to comply immediately or as directed by the LOCAL AUTHORITY or the DEPARTMENT. The work may be reinstated upon 30-days advance written notice from the LOCAL AUTHORITY or the DEPARTMENT.
 - (h) Unless extended or terminated in writing, this contract will terminate on the expiration date, or at the end of the specified calendar days.
12. **REVIEW AND INSPECTION OF WORK:** It is expressly understood and agreed that authorized representatives of the LOCAL AUTHORITY, DEPARTMENT and, when Federal Funds are used, the Federal Highway Administration shall have the right to review and inspect the work in process, and the CONSULTANT'S facilities, at any time during normal business hours or by appointment.
13. **NON DISCRIMINATION PROVISIONS:** The CONSULTANT agrees to abide by the provisions of the Utah Anti-discrimination Act, Utah Code §§34a-5-101 - 112 , and Titles VI and VII of the Civil Rights Act of 1964 (42 USC §§ 2000e – 2000e-17), which prohibits discrimination against any employee or applicant for employment, or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246 entitled "Equal Employment Opportunity," as amended by Executive Orders 11375 and 13665 and as supplemented in Department of Labor Regulations (41 CFR Part 60), which prohibits discrimination on the basis of age; 29 USCA § 794, which prohibits discrimination on the basis of handicap; and Executive Order 13672, Further Amendments to Executive Order 11478, Equal Employment Opportunity in the Federal Government, and Executive Order 11246, Equal Employment Opportunity.

The CONSULTANT agrees to abide by Utah's Executive Order, dated June 30, 1989, which prohibits sexual harassment in the work place. Sections 49 CFR 21 through Appendix C (2016) and 23 CFR 710.405(b) (2016) are applicable by reference in all contracts and subcontracts financed in whole or in part with Federal-aid highway funds. The CONSULTANT further agrees to furnish reports to the LOCAL AUTHORITY or DEPARTMENT upon request for the purpose of determining compliance with these statutes identified in this section. The CONSULTANT shall comply with the Americans with Disabilities Act (ADA).

The CONSULTANT shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The CONSULTANT shall carry out applicable requirements of 49 CFR Part 26 (2016) in the award and administration of federal-aid contracts. Failure by the CONSULTANT to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the DEPARTMENT deems appropriate. During the performance of this contract, the CONSULTANT, for itself, its assignees and successors in interest agrees as follows:

- (a) **Compliance with Regulations:** The CONSULTANT shall comply with the Regulation relative to nondiscrimination in federally-assisted programs of 49 CFR Part 21, and 23 CFR Part 200 as

they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

- (b) **Nondiscrimination:** The CONSULTANT, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, national origin, sex, gender identity or sexual orientation, age, disability/handicap, and low income status in the selection and retention of subconsultants, including procurements of materials and leases of equipment. The CONSULTANT shall not participate either directly or indirectly in the discrimination prohibited by 49 CFR § 21.5 (2016) of the Regulations, including employment practices when the contract covers a program set forth in 49 CFR § 21, Appendix B of the Regulations.
- (c) **Solicitations for Subconsultants, Including Procurements of Materials and Equipment:** In all solicitations either by competitive bidding or negotiation made by the CONSULTANT for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subconsultant or supplier shall be notified by the CONSULTANT of the CONSULTANT's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, national origin, sex, gender identity or sexual orientation, age, disability/handicap, and low income status.
- (d) **Information and Reports:** The CONSULTANT shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the DEPARTMENT to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a CONSULTANT is in the exclusive possession of another who fails or refuses to furnish this information the CONSULTANT shall so certify to the DEPARTMENT, and shall set forth what efforts it has made to obtain the information.
- (e) **Sanctions for Noncompliance:** In the event of the CONSULTANT's noncompliance with the nondiscrimination provisions of this contract, the DEPARTMENT shall impose such contract sanctions as it may determine to be appropriate, including, but not limited to:
 - (1) Withholding of payments to the CONSULTANT under the contract until the CONSULTANT complies, or
 - (2) Cancellation, termination or suspension of the contract, in whole or in part.
- (f) **Incorporation of Provisions:** The CONSULTANT shall include the provisions of paragraphs (a) through (f) of this section in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto.

The CONSULTANT shall take such action with respect to any subcontract or procurement as the DEPARTMENT may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, in the event a CONSULTANT becomes involved in, or is threatened with, litigation with a subconsultant or supplier as a result of such direction, the CONSULTANT may request the DEPARTMENT to enter into such litigation to protect the interests of the DEPARTMENT, and, in addition, the CONSULTANT may request the United States to enter into such litigation to protect the interests of the United States. *(Provision revised June 22, 2016.)*

14. **CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY**

MATTERS: The CONSULTANT agrees to abide by the requirements of 49 CFR Part 29, Government wide Debarment and Suspension (Nonprocurement). By signing this contract the CONSULTANT certifies that to the best of their knowledge and belief that it or its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this proposal been convicted of or had civil judgment against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of

embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

- (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or Local) with commission of any of the offenses enumerated in subparagraph 14(b) of this certification; and
- (d) Have not within a three-year period preceding this contract had one or more public transactions (Federal, State, or Local) terminated for cause or default.

Where the CONSULTANT is unable to certify to any of the statements in this certification, the CONSULTANT shall attach an explanation to this contract. Exceptions will not necessarily result in denial of award, but will be considered in determining CONSULTANT'S responsibility. Any exceptions noted shall identify to whom it applies, the initiating agency, and dates of the action. Providing false information may result in criminal prosecution or administrative sanctions.

15. **BACKGROUND CHECKS:** The DEPARTMENT may require the CONSULTANT and all employees of the CONSULTANT to undergo a background investigation, to be conducted by the Attorney General or the Bureau of Criminal Investigation, to the satisfaction of the DEPARTMENT. The background investigation will consist of a review of, but may not limited to, criminal conduct including the use of controlled substances. The Consultant represents that its employees assigned to work under this Agreement are competent in their respective fields, licensed as required by the State of Utah, and are legally able to fulfill their work obligations. *(Provision added June 22, 2016.)*
16. **CERTIFICATION OF COMPLIANCE ON LOBBYING RESTRICTIONS:** The CONSULTANT agrees to conform to the lobbying restrictions established by the Byrd Amendment, 31 USCA § 1352, for contracts exceeding \$100,000 in Federal Funds. The CONSULTANT certifies, by signing this contract, to the best of their knowledge and belief, that:
 - (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
 - (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 USCA § 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The CONSULTANT also agrees by signing this contract that they shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

17. **CERTIFICATION OF COMPLIANCE ON DRUG AND ALCOHOL TESTING:** The CONSULTANT hereby certifies by executing this Contract that the CONSULTANT shall comply with all applicable provisions of Utah Admin. Code Rule 916-6 - Drug and Alcohol Testing in State Construction Contracts and Utah Code Ann. § 63G-6a-1303 throughout the term of this Contract. The CONSULTANT shall provide this requirement in its contracts with subconsultants.

18. **CONSULTANT COST CERTIFICATION:** The CONSULTANT hereby certifies by executing this Contract, that the CONSULTANT has previously submitted a CONSULTANT certification of final indirect costs in accordance with the 2 CFR Part 200 Subpart E Cost Principles, 48 CFR Part 31 Federal Acquisition Regulations (FAR) in compliance with 23 USC § 112(b)(2)(B), and in the DEPARTMENT Financial Screening Application. *(Provision revised March 18, 2019.)*
19. **OWNERSHIP OF WORK PRODUCTS PROCURED OR DEVELOPED UNDER THIS CONTRACT:** Unless specifically designated hereinafter or preexisting information and know-how of the CONSULTANT, the LOCAL AUTHORITY retains ownership of all materials, products, devices, equipment, facilities, data, test results, reports, graphics, presentations, visual aids, computer elements, software (including source code), software license agreements, testing apparatus, services, etc., that are developed, procured, constructed, installed or performed under this contract and that become an integral part of or that are intended to facilitate or enhance the use, operation, maintenance, documentation or understanding of the deliverables of this contract. In addition, the LOCAL AUTHORITY shall retain ownership of all non-expendable items procured under this contract that have a salvage value at the end of this contract of \$5,000.00 or more unless the LOCAL AUTHORITY specifically authorizes exclusions listed in the Deliverables and Partial Payments in Attachment C of this contract. Notwithstanding the foregoing, ownership of any and all CONSULTANT work product shall remain with CONSULTANT unless and until the payment by the LOCAL AUTHORITY or DEPARTMENT to CONSULTANT of all undisputed invoiced amounts.

The LOCAL AUTHORITY grants to the CONSULTANT a non-exclusive license for non-commercial, internal, educational and research use of work products developed or produced by the CONSULTANT under this contract, subject to the provisions of this contract. The use of physical products is subject to availability. Physical products will be transported and maintained at the expense of the CONSULTANT, should transportation and maintenance be necessary in conjunction with this use.

The CONSULTANT may secure through patents or trademarks, the right, title, or interest throughout the world of any invention that may be created or developed under this contract, as provided in 37 CFR 401.14, except for Section 401.14(g). The LOCAL AUTHORITY shall be entitled to the same rights granted to the Federal Government under 37 CFR 401.14 and adopts that regulation for that purpose. The CONSULTANT will retain all rights provided for the LOCAL AUTHORITY in this clause, and the LOCAL AUTHORITY will not, as part of the consideration for awarding this contract, obtain rights in the CONSULTANT'S subject inventions. The LOCAL AUTHORITY shall be granted a non-exclusive, irrevocable, royalty-free license to use, practice, employ, or have practiced for or on behalf of the LOCAL AUTHORITY the subject invention throughout the world. These license provisions shall be considered one of the deliverables due under this contract. When federal transportation funds make up all or part of the remuneration under this contract (as documented elsewhere in these Special Provisions), the United States Department of Transportation shall also be named as a grantee, along with the LOCAL AUTHORITY, in the license provisions described above.

The CONSULTANT may secure copyrights on information, designs, analyses, processes, reports, and the intellectual innovations that may be created or developed under this contract, subject to the provisions of this contract, including the provisions of the "Publication or Use of Work Product Outside of This Agreement" clause.

The LOCAL AUTHORITY reserves a non-exclusive, irrevocable, royalty-free license to reproduce, publish, distribute, disclose, modify, implement, or otherwise use, and to authorize others to use, the copyright in any work developed as deliverables under this contract, and any rights of copyright to which the CONSULTANT purchases ownership with the support of this contract.

The right of the CONSULTANT to apply for patents, copyrights or trademarks shall be limited to the statutory period defined by United States Code and other applicable Federal regulations.

It is further specifically agreed between the parties executing this contract that the above provisions shall be interpreted and administered in accordance with State and Federal non-disclosure and disclosure laws, rules, regulations and policies governing patents, copyrights, trademarks, rights of privacy and freedom of public information. *(Provision added June 22, 2016.)*

20. **RIGHT OF FUTURE DEVELOPMENT:** The parties agree that the LOCAL AUTHORITY and the DEPARTMENT and third parties that may be under separate contract to the LOCAL AUTHORITY or the DEPARTMENT may perform future additional developments or enhancements to information, designs, analyses, computer elements, devices, data, test results, reports, graphics, presentations, visual aids, intellectual innovations that are derived from the work products developed and delivered under this contract. Neither the LOCAL AUTHORITY nor the DEPARTMENT shall be obligated to obtain the services of the CONSULTANT to perform these additional developments or enhancements. Likewise, the CONSULTANT, after completion of this contract, may perform future additional developments or enhancements to the work products produced and delivered under this contract without the necessity of granting the LOCAL AUTHORITY or the DEPARTMENT a license of use for these additional developments or enhancements. Any reuse, misuse, or use of modified or incomplete deliverables will be at the sole risk of the LOCAL AUTHORITY or the DEPARTMENT or the third party in possession of CONSULTANT'S deliverable and the CONSULTANT makes no representation to any third party with respect to any good or service performed under this contract and shall not be liable for any reuse, misuse, or use of modified or incomplete deliverables under any theory of recovery. *(Provision added June 22, 2016.)*
21. **PUBLICATION OR USE OF WORK PRODUCT OUTSIDE OF THIS AGREEMENT:** During the entire term of this contract the CONSULTANT shall not issue, offer, publish, or submit for publication any document, report, paper, technical notes, documentation, specification, graphic, or other media products produced in connection with the work of this contract without first submitting the deliverables required by this contract to the LOCAL AUTHORITY and the DEPARTMENT for their review, and notifying the LOCAL AUTHORITY and the DEPARTMENT of the intent to publish.

In the event CONSULTANT wishes to publish research results prior to the submission of contract deliverables, CONSULTANT shall first provide to LOCAL AUTHORITY and the DEPARTMENT written notice of CONSULTANT'S intent to publish and a draft of such publication. The LOCAL AUTHORITY and the DEPARTMENT shall have thirty (30) days after receipt of the draft publication to request in writing the removal of portions deemed by LOCAL AUTHORITY or the DEPARTMENT to contain confidential or patentable material owned by the LOCAL AUTHORITY or THE DEPARTMENT, or to request a delay in submission of the draft for publication pending CONSULTANT'S submission of overdue contract deliverables or LOCAL AUTHORITY's or the DEPARTMENT's application for patent protection. If CONSULTANT does not receive the LOCAL AUTHORITY's or the DEPARTMENT's written response to the notice of intent to publish within the thirty (30) day period, then the LOCAL AUTHORITY or the DEPARTMENT shall be deemed to have consented to such publication. If DEPARTMENT requests a delay in submission of publication for patent protection, CONSULTANT shall have no obligation to delay publication for longer than three (3) months following delivery of CONSULTANT'S notice of intent to publish. If the LOCAL AUTHORITY or the DEPARTMENT request a delay in submission of publication due to overdue deliverables, submission of publication by the CONSULTANT prior to completing those contract deliverables shall be grounds for termination of this Agreement. Student reports, theses, and dissertations, published internally by the CONSULTANT shall not be subject to these delay provisions.

If this Agreement is terminated by the LOCAL AUTHORITY or the DEPARTMENT for non-performance or failure to meet project deliverable dates, the CONSULTANT agrees to the publication restrictions stated above for a period of six (6) months following the date of termination.

Information supplied by LOCAL AUTHORITY or the DEPARTMENT to CONSULTANT and identified by the LOCAL AUTHORITY or the DEPARTMENT as proprietary, confidential, protected or security-sensitive information shall not be included in any material published by CONSULTANT without prior written consent of the LOCAL AUTHORITY or the DEPARTMENT.

All documents resulting from the work of this contract by the CONSULTANT, regardless of the time when they are created, produced, or released, shall contain acknowledgement and disclaimer statements as stipulated in the "Acknowledgements and Disclaimers" clause in this contract.

The restrictions and procedures described above shall apply to the release of any information or documents to the media. The CONSULTANT shall inform the UDOT Public Affairs Office of all media inquiries.

Requests from the media or other members of the public for records that have not already been issued, published, or submitted for publication shall be made in accordance with the Governmental Records Access and Management Act (GRAMA), Utah Code Title 63G, Chapter 2. *(Provision added June 22, 2016.)*

22. **ACKNOWLEDGEMENTS AND DISCLAIMERS:** Any document, report, paper, technical notes, documentation, specification, computer element, graphic, media element, or other deliverable that is prepared or released by the CONSULTANT shall contain an acknowledgement of support by the LOCAL AUTHORITY and the DEPARTMENT. When federal transportation funds make up all or part of the remuneration under this contract (as documented elsewhere in these Special Provisions), the United States Department of Transportation shall also be acknowledged as a supporter of the work. In addition, any of these deliverables shall contain the following disclaimer:

"The authors alone are responsible for the preparation and accuracy of the information, data, analysis, discussions, recommendations, and conclusions presented herein. The contents do not necessarily reflect the views, opinions, endorsements, or policies of the Utah Department of Transportation or the US Department of Transportation. The Utah Department of Transportation makes no representation or warranty of any kind, and assumes no liability therefore." *(Provision added June 22, 2016.)*

23. **USE OF PATENTED, COPYRIGHTED OR TRADEMARKED ITEMS:** The CONSULTANT shall be fully responsible for the legal use and the related payment of any royalties or fees for any materials, products, devices, processes, computer elements, designs, specifications, publications, graphics, visual media, etc., that are protected by patents, copyrights or trademarks, or that are owned by third parties to this contract, in conjunction with the execution of the work in this agreement. In the event that any of the above items are to be incorporated into the deliverables or products which will be provided to the LOCAL AUTHORITY or the DEPARTMENT as a result of the work of this agreement, whether owned by the CONSULTANT before entering into this agreement or not, such use shall be specifically authorized in this contract or by prior written approval from the LOCAL AUTHORITY or the DEPARTMENT. When such authorization is provided, the CONSULTANT shall secure the rights of use of these patented, copyrighted or trademarked items for the LOCAL AUTHORITY or the DEPARTMENT. An original executed copy of the right-to-use agreement shall be delivered to and approved by the LOCAL AUTHORITY and the DEPARTMENT prior to commencing use of these item(s). The CONSULTANT shall be responsible for payment of all royalties and fees for said use during the entire term of this contract. To the extent that these royalties and fees are incurred exclusively and specifically for this contract and are shown in Attachment C of this contract, these costs are allowable expenses to the contract. The CONSULTANT shall indemnify, save harmless and release the LOCAL AUTHORITY and the DEPARTMENT from claims of patent, copyright or trademark infringement, or for costs, expenses, penalties and damages that may be obligated by reason of an infringement related to the work performed, services rendered or deliverables furnished under this contract which are caused by the negligence of the CONSULTANT. When Federal funds make up all or part of the remuneration under this contract, the United States Department of Transportation shall be named along with the LOCAL AUTHORITY and the DEPARTMENT in all legal agreements covering use of patented, copyrighted or trademarked items. *(Provision added June 22, 2016.)*

24. **CONFIDENTIALITY:** If, in order to perform the work under this contract, the CONSULTANT is given access to confidential, protected, security-sensitive or proprietary business, technical or financial information regarding persons, materials, products, devices, processes, plans, designs, computer elements, analyses, data, etc., the CONSULTANT agrees to treat such information as confidential and shall not appropriate such information to its own use or disclose it to third parties at any time, neither during the term of this contract nor after contract termination, without specific written authorization by the LOCAL AUTHORITY and the DEPARTMENT to do so. The LOCAL AUTHORITY and the DEPARTMENT shall clearly identify those items as confidential at the time they are transmitted or disclosed to the CONSULTANT and they may be listed in Attachment C of this contract if known at the time of contract execution. The CONSULTANT shall require adherence by its officers, agents, volunteers, employees and subcontractors to these confidentiality provisions.

The foregoing obligations shall not apply if the said confidential, security-sensitive or proprietary information:

- (a) Is found to be in the public domain at the time of receipt by the CONSULTANT;

- (b) Is published or otherwise becomes part of the public domain after receipt by and through no fault of the CONSULTANT;
- (c) Was in possession of the CONSULTANT at the time of receipt, which the CONSULTANT can demonstrate, as well as that it was not acquired directly or indirectly from the DEPARTMENT or an agency of the State of Utah; or

Was received by the CONSULTANT from a third party other than an agency of the State of Utah, which the CONSULTANT can demonstrate did not require the CONSULTANT to hold such information in confidence. *(Provision added June 22, 2016.)*

25. **ASSIGNMENT AND SUBCONTRACTING:** The CONSULTANT shall not subcontract any of the work required by this contract, or assign monies to be paid to the CONSULTANT hereunder, without the prior written approval of the LOCAL AUTHORITY or the DEPARTMENT. The amount billed to the LOCAL AUTHORITY and the DEPARTMENT for subconsultant costs shall be the same amount the CONSULTANT actually pays the subconsultant for services required by this contract. All payments made by the CONSULTANT to the subconsultant for services required by this contract shall be subject to audit by the LOCAL AUTHORITY or the DEPARTMENT. All subcontracts must include all the same terms and conditions and provisions included in this contract. However, the prime CONSULTANT is responsible for ensuring that all work performed by sub-consultants is insured under their insurance policy, or they require that the sub-consultants meet the insurance provisions required under this contract.

The CONSULTANT must perform work valued at not less than 50% of the total contract amount with its own staff. *(Provision revised July 3, 2019.)*

26. **PERSONNEL/STAFFING PLAN:** Any change in personnel from that specifically identified in Attachment C of this contract, must be approved by the DEPARTMENT through a modification to this contract or a Contract Management System (CMS) Alternative Staff Transaction prior to any work being performed by new personnel. Invoices submitted for payment with unauthorized personnel will not be paid. *(Provision revised July 29, 2013.)*
27. **DISPUTES:** Claims for services, materials, or damages not clearly authorized by the contract, or not ordered by the LOCAL AUTHORITY and the DEPARTMENT by prior written authorization, will not be paid. The CONSULTANT shall notify the LOCAL AUTHORITY and the DEPARTMENT in writing, and wait for written approval, before it begins work not previously authorized. If such notification and approval is not given or the claim is not properly documented, the CONSULTANT shall not be paid the extra compensation. Proper documentation alone shall not prove the validity of the claim. The parties agree to use arbitration or mediation after exhausting applicable administrative reviews to resolve disputes arising out of this contract where the sole relief sought is monetary damages \$100,000 or less, exclusive of interest and costs.
28. **CLAIMS - DELAYS AND EXTENSIONS:** The CONSULTANT agrees to proceed with the work previously authorized by the contract, or in writing, continually and diligently, and will make no charges or claims for extra compensation for delays or hindrances within its control during the progress of this contract. The LOCAL AUTHORITY and the DEPARTMENT may allow an extension of time for the contract, for a reasonable period as agreed by the parties, should a delay or hindrance occur. The LOCAL AUTHORITY or the DEPARTMENT shall not waive any of its rights under the contract by permitting the CONSULTANT to proceed with the contract after the established completion date. The CONSULTANT shall not be responsible for delays due to causes beyond CONSULTANT's reasonable control. *(Provision revised June 22, 2016.)*
29. **CONSULTANT'S ENDORSEMENT ON PLANS, ETC.:** The CONSULTANT (if a firm, the responsible principal) is required to endorse and affix its seal to plans, reports, and engineering data furnished to the LOCAL AUTHORITY and the DEPARTMENT under this contract.
30. **CONTRACT MODIFICATIONS:** This contract may be amended, modified, or supplemented, as it is mutually agreed to by the parties by written contract modification, executed by the parties hereto and attached to the original signed contract.

Claims for services furnished by CONSULTANT, not specifically authorized by this contract or by appropriate modification, shall not be paid by the LOCAL AUTHORITY or the DEPARTMENT. When a

contract modification has been agreed to by the parties no claim for the extra work done or material furnished shall be made by the CONSULTANT until the written modification has been fully executed. Any verbal agreements not confirmed in writing are non-binding. *(Provision revised June 22, 2016.)*

31. TERMINATION: This contract may be terminated as follows:

- (a) Mutual agreement of the parties; in writing and signed by the parties.
- (b) By any party for failure of another party to fulfill its obligations, as set forth with the provisions of this contract and in particular with Attachment C, "Services Provided by the CONSULTANT" or Section 50, "Duties of the LOCAL AUTHORITY and the DEPARTMENT". Reasonable allowances will be made for circumstances beyond the control of the CONSULTANT and the LOCAL AUTHORITY or the DEPARTMENT. Written notice of intent to terminate is required and shall specify the reasons supporting termination.
- (c) By the DEPARTMENT for the convenience of the State upon written notice to the CONSULTANT.
- (d) If the LOCAL AUTHORITY or the DEPARTMENT determines that the performance of the CONSULTANT is not satisfactory, the DEPARTMENT may notify the CONSULTANT of the deficiency with the requirement that the deficiency be corrected within a specified time; but not less than 10 days. Otherwise the Agreement will be terminated at the end of such time or thirty (30) days whichever is sooner.
- (e) If the LOCAL AUTHORITY or the DEPARTMENT requires termination of the Agreement for reasons other than unsatisfactory performance of the CONSULTANT, the DEPARTMENT will notify the CONSULTANT of such termination, with instructions as to the effective date of work stoppage or specify the stage of work at which the Agreement is to be terminated.
- (f) If the Agreement is terminated before performance is completed, the CONSULTANT will be paid for the work satisfactorily performed. Payment is to be on the basis of substantiated costs, not to exceed an amount which is the same percentage of the contract price as the amount of work satisfactorily completed is a percentage of the total work called for by the Agreement.
- (g) The LOCAL AUTHORITY and the DEPARTMENT reserve the right to cancel and terminate this Agreement in the event the CONSULTANT or any employee or agent of the CONSULTANT is convicted for any crime arising out of or in conjunction with any work being performed by the CONSULTANT for or on behalf of the LOCAL AUTHORITY or the DEPARTMENT, without penalty. It is understood and agreed that in the event of such termination, all tracings, plans specifications, computer files, maps, and data prepared or obtained under this Agreement will immediately be turned over to the LOCAL AUTHORITY and the DEPARTMENT. The LOCAL AUTHORITY and the DEPARTMENT reserve the right to terminate or cancel this Agreement in the event the CONSULTANT will be placed in either voluntary or involuntary bankruptcy or an assignment be made for the benefit of creditors. The LOCAL AUTHORITY and the DEPARTMENT further reserve the right to suspend the qualifications of the CONSULTANT to do business with the LOCAL AUTHORITY or the DEPARTMENT upon any such conviction.
- (h) Upon satisfactory completion of required contract services.
- (i) On termination of this contract all accounts and payments will be processed in accordance with contract terms. An appraisal of the value of work performed to the date of termination shall be made to establish the amount due to or from the CONSULTANT. If the contract fee type is Cost-Plus-Fixed-Fee-With-Fixed-Total-Additive-Rate and the contract is terminated for reasons other than paragraph 31(h), the final fixed fee amount will be paid in proportion to the percentage of work completed as reflected by the periodic invoices as of the date of termination of the contract. Upon determining the final amount due the CONSULTANT, or to be reimbursed by the CONSULTANT, in the manner stated above, the final payment will be processed in order to close out the contract. *(Provision revised June 22, 2016.)*

32. REMEDIES: Any of the following events will constitute cause for the State Entity to declare CONSULTANT in default of this Contract: (i) CONSULTANT'S non-performance of its contractual

requirements and obligations under this Contract; or (ii) CONSULTANT'S material breach of any term or condition of this Contract. The DEPARTMENT may issue a written notice of default providing a ten (10) day period in which CONSULTANT will have an opportunity to cure. Time allowed for cure will not diminish or eliminate CONSULTANT'S liability for damages. If the default remains after CONSULTANT has been provided the opportunity to cure, the DEPARTMENT may do one or more of the following: (i) exercise any remedy provided by law or equity; (ii) terminate this Contract; (iii) impose liquidated damages, if liquidated damages are listed in this Contract; (iv) debar/suspend CONSULTANT from receiving future contracts from the DEPARTMENT or the State of Utah; or (v) demand a full refund of any payment that the DEPARTMENT has made to CONSULTANT under this Contract for Services that do not conform to this Contract. *(Provision added June 22, 2016.)*

33. **DESIGN/CONSTRUCTION:** The CONSULTANT will utilize all current DEPARTMENT standards and be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished by the CONSULTANT under this contract. The CONSULTANT will, without additional compensation, correct or revise any errors or omissions in its design, drawings, specifications and other services. This contract may remain open for modifications for any unforeseen work that may be deemed necessary by the LOCAL AUTHORITY or the DEPARTMENT going into the construction phase to accommodate future work by the prime CONSULTANT or sub-consultant. CONSULTANT will perform the services in accordance with the customary standard of professional care and skill ordinarily exercised by members of CONSULTANT's profession under similar conditions in similar localities and no other warranties, express or implied, are made or intended by CONSULTANT. *(Provision revised June 22, 2016.)*
34. **POLLUTION CONTROL:** The CONSULTANT agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671g) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). The DEPARTMENT shall report violations to the applicable Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA). *(Provision added June 22, 2016.)*
35. **ELECTRONIC DESIGN SUBMISSION:** All consultants will be expected to adhere to the current DEPARTMENT development standards on the web site. It is the CONSULTANTS responsibility to provide all plans, specifications, surveys, and associated data in the DEPARTMENT acceptable electronic formats into the DEPARTMENT's content management system with the correct attributes assigned. All project data will be organized in the DEPARTMENT'S project directory structure as specified in the DEPARTMENT'S current CADD Standards. It is the CONSULTANT'S responsibility to be aware of all DEPARTMENT requirements and formats. The DEPARTMENT CADD standards are available at the CADD Support sub-page of the DEPARTMENT website www.udot.utah.gov/go/cadd

Computer Aided Drafting and Design acceptable formats are as follows:

- (a) Drafting: MicroStation Design format (.dgn) by Bentley Systems Inc., version 8.9 or higher (v8 file format).
- (b) Civil Design: InRoads by Bentley Systems Inc. version 8.9 or higher acceptable formats are as follows: Geometry files (.alg), Surface or digital terrain models (.dtm), Template libraries (.itl), Roadway Designer files (.ird), and Open Roads technology files (.dgn).
- (c) Survey and Photogrammetry: InRoads Survey format (.fwd) or Open Roads technology file format (.dgn) by Bentley Systems Inc. version 8.8 or higher. Raw survey files will be in ASCII format, (point number, Northing, Easting, Elevation and code). Survey points will be coded using the DEPARTMENT feature codes located in the DEPARTMENT preference file (.xin) and Raster Images (aerial photos) will be in MicroStation compatible formats. Design and Survey work will adhere to the DEPARTMENT CADD Standards and "Mapping & Aerial Photogrammetry" Guide.
- (d) Plotting: In order for the project to be republished by the DEPARTMENT, the CONSULTANT will prepare a file to direct the DEPARTMENT's plotting software, InterPlot, by Bentley Systems Inc. to produce the correct output. This is the InterPlot Organizer's plot-set file (filename.ips). This file contains specifications for each sheet in the plan set and controls the order and name of each sheet as they will appear in the PDF plan set. Instructions for preparing this file can be found at the DEPARTMENT CADD Support website as stated above.

- (e) Responsibility: Region Designers/Consultants, Action - When submitting electronic files for advertising, Region or consultant designers must deliver to the DEPARTMENT the design files in the DEPARTMENT's content management system in the established project directory structure. The following files must be included in the submittal: 1) Major design files, including roadway design, structure, striping, signing, signals, and profiles (Microstation format), 2) Existing topography and existing utilities (Microstation format), 3) Existing and proposed surfaces (dtm or dgn format), 4) InRoads alignments (alg or dgn format), templates (itl), roadway designer files (ird or dgn format) and preference files (xin), 5) Configuration and resource files including font and linestyle resource files.
- (f) Placement: Action – Project data must be delivered to the DEPARTMENT in the DEPARTMENT's content management system in the established project directory structure. All documents must be attributed correctly in the system.

The CONSULTANT will be responsible for the accuracy of the translated data.

Technical and Standards support will be provided to the CONSULTANT through the Design and Standards Group of the Project Development Division at the DEPARTMENT. *(Provision revised June 22, 2016.)*

36. REQUIREMENTS FOR COMPUTER ELEMENTS:

Hardware, firmware and/or software elements that the CONSULTANT procures, furnishes, licenses, sells, integrates, creates and/or enhances for the LOCAL AUTHORITY and the DEPARTMENT under this contract shall achieve the specific objectives specified in the work plan. These elements shall be free of defects, or "bugs," that would prevent them from achieving the objectives specified in the work plan.

Computer software and applications created and/or enhanced under this contract shall include as deliverables; user instructions, program documentation, program listings, source code and executables in specified compiled formatted files. The program documentation shall include flow charts and detailed treatment of decision algorithms and their technical basis. Appropriate LOCAL AUTHORITY individuals will review "user instructions" and "program documentation" for acceptability. Formal sign-offs will record such events and be part of the project repository. Software development and operating system platforms shall be approved by the LOCAL AUTHORITY and the DEPARTMENT and specified in the work plan. Changes to these platforms shall only be allowed by written authorization by the LOCAL AUTHORITY and the DEPARTMENT.

- 37. **COST PRINCIPLES:** Regardless of the funding source, the costs allowable for reimbursement will be governed by the 2 CFR Part 200 Subpart E and 48 CFR Part 31 Federal Acquisition Regulations (FAR) in compliance with 23 USC § 112(b)(2)(B), as modified by Utah State law, administrative rules, and regulations on contract provisions. *(Provision revised March 18, 2019.)*
- 38. **RIGHT OF WAY SUBMITTAL REQUIREMENTS:** Submission of right of way acquisition packages are required to follow the *UDOT Right of Way ProjectWise Naming Convention and Attributing Guide*, as amended, which is incorporated herein by this reference. The Guide may be found on the DEPARTMENT website www.udot.utah.gov/go/rowprojectwiseguide. *(Provision revised September 30, 2013.)*
- 39. **GOVERNMENT RECORDS ACCESS AND MANAGEMENT ACT:** Pursuant to the Government Records Access and Management Act, Utah Code §§ 63G-2-101 through 63G-2-901, the CONSULTANT understands that if it believes that any records it submits to the DEPARTMENT or the LOCAL AUTHORITY should be considered confidential for business purposes under Utah Code § 63G-2-309, it must attach written notice of that opinion that satisfies the requirements of §§ 63G-2-305 and 309 to the record when it first submits it. The CONSULTANT understands that the DEPARTMENT and the LOCAL AUTHORITY will not treat any such record as confidential absent such written notification. Additionally, the CONSULTANT agrees that neither the State of Utah, the DEPARTMENT, LOCAL AUTHORITY, nor any of their agents or employees are responsible for disclosure of any record that the CONSULTANT considers confidential if either the State Records Committee or a court orders it released.

40. WORK ACCEPTANCE:

- (a) All work performed under this contract shall be performed in accordance with Standards, Specifications, Manuals of Instruction, Policies and Procedures established by the DEPARTMENT. All work shall be subject to the approval of the LOCAL AUTHORITY and the DEPARTMENT through its designated representatives. When the work is federally funded, the LOCAL AUTHORITY and the DEPARTMENT will coordinate with the Federal Highway Administration (FHWA) to obtain concurrence in the work.
- (b) Reviews and Quality Assurance: All contracts require a quality control / quality assurance plan and checklist. For design projects specifically, the CONSULTANT shall provide a project specific QC/QA plan that meets or exceeds the DEPARTMENT'S standard QC/QA plan located on the DEPARTMENT web page at www.udot.utah.gov/go/qcqa which is hereby incorporated by reference into this contract. If the CONSULTANT elects to use its own QC/QA plan, that plan shall, as a minimum, contain the requirements of the DEPARTMENT'S plan and be approved by the DEPARTMENT'S Project Manager. The CONSULTANT will meet all document retention requirements and schedules. *(Provision revised February 12, 2014.)*

41. GENERAL CONTROL AND INSPECTIONS: The CONSULTANT shall be represented at progress review meetings as may be scheduled by the LOCAL AUTHORITY or the DEPARTMENT. The CONSULTANT shall accompany LOCAL AUTHORITY or the DEPARTMENT personnel and other representatives on field inspections and at conferences as may be required.

42. IF THIS CONTRACT IS FOR DESIGN:

- (a) The design consultant will be retained to answer and clarify any questions on the design during construction. The consultants will be required to include this task in their cost proposal. The Construction Project Engineer will call on the CONSULTANT as he needs him. If the work required from the CONSULTANT is due to errors in the design, the CONSULTANT will not be reimbursed. To enhance the communication between the LOCAL AUTHORITY, the DEPARTMENT and Consultants, the LOCAL AUTHORITY and the DEPARTMENT are requiring that the CONSULTANT attend the following meetings: kickoff meeting, preconstruction meeting, and the final inspection meeting. These meetings should be included in the detail work plan.
- (b) If the project requires horizontal and vertical control to be established and/or identifying existing surface features to develop a Digital Terrain Model (DTM) for the design of the project, the CONSULTANT will follow the narrative in the *Project Delivery Network* for Task 1B1 Develop Base Mapping/Existing Surface on the DEPARTMENT's website www.udot.utah.gov/go/pdnpdn, which is incorporated herein by this reference. *(Provision revised September 30, 2013.)*

43. IF THIS CONTRACT IS FOR CONSTRUCTION ENGINEERING MANAGEMENT:

- (a) Construction Administration – Administration of any construction project delegated to the CONSULTANT. The CONSULTANT will perform activities for Construction Administration as identified and defined in the DEPARTMENT's *Construction Manual of Instruction*. Deliverables and checklists for the project are based on project specifications. The CONSULTANT is required to comply with DEPARTMENT partnering requirements and oversee contractor participation. This includes but is not limited to attending DEPARTMENT training, leading the partnering effort on the project along with the contractor, participating in weekly updates on the partnering website, and monitoring and measuring partnering on the project. The CONSULTANT is responsible for required documentation for any item addressed in the project specifications and Construction contract. Items will include, but not be limited to, Materials Testing, Materials Certifications, Change Orders, Project and Materials Inspection, Civil Rights requirements, Daily Progress Report, Subcontracts, Payrolls, Meeting Minutes, Project Scheduling and Process Review summaries.
- (b) Construction Engineering Management (CEM) – The CONSULTANT performing CEM work will meet the minimum requirements outlined in the CEMT Guide (<http://www.udot.utah.gov/main/uconowner.qf?n=1292628026632229563>)

- (c) Materials Testing and Inspection – The CONSULTANT certifies that proposed key personnel meet the minimum qualifications commensurate with the anticipated scope, complexity, and nature of the material and inspection test methods performed on the project. The CONSULTANT will perform materials testing and inspection in accordance with the requirements of the project Construction contract. These requirements include the Materials Acceptance and Independent Assurance Programs, as outlined in the DEPARTMENT's *Materials Manual of Instruction (MOI)*. The Materials Acceptance Program defines requirements for acceptance testing and verification testing. The Independent Assurance Program defines requirements for independent assurance testing, personnel qualifications and laboratory qualifications.
- (d) Acceptance Testing/Inspection – Acceptance testing/inspection will be performed in accordance with the project specifications and the DEPARTMENT *Minimum Sampling and Testing Requirements (MS&T)*. Minimum frequencies for materials acceptance testing and inspection are defined in the DEPARTMENT MS&T and are the absolute minimum for the identified materials, regardless of special provision requirements.

Specific qualification requirements for test methods necessary to meet Minimum Sampling and Testing Requirements (MS&TR) are provided in the UDOT TTQP/WAQC Registration, Policies, and Information Handbook (RP&IH). MS&TR and RP&IH can be found at <http://www.udot.utah.gov/main/f?p=100:pg:0:::1:T,V:196>.

Specific qualification requirements for inspection testing are provided in the following:

- Inspectors Guidelines
(<http://www.udot.utah.gov/main/uconowner.gf?n=5260902097613097>)
- Partnering Guidelines (Page 6)
(<http://www.udot.utah.gov/main/uconowner.gf?n=15352622382201317>)
- ADA Guidelines
(<http://www.udot.utah.gov/main/f?p=100:pg:0:::1:T,V:526,72925>)
- ECS Guidelines
(<http://www.udot.utah.gov/main/f?p=100:pg:0:::1:T,V:1327,65979>)
- Traffic Control Certification
(<http://www.udot.utah.gov/main/f?p=100:pg:0:::1:T,V:2967>)

- (e) Independent Assurance Testing – Requirements for Independent Assurance testing are outlined in the DEPARTMENT's Materials MOI and project level requirements will be performed and documented by the CONSULTANT at the project level. Documentation will be provided for IA test results, personnel qualifications and laboratory qualifications. Documentation for personnel and laboratory qualification will be performed prior to any sampling or testing being performed on the project.
- (f) Project Inspection – Project Inspection is a combination of the presence of the CONSULTANT, and the documentation of the project's daily activities. The CONSULTANT will perform inspection in accordance with project specifications and documentation will include, at a minimum, Inspector's Daily Progress Reports, materials placement inspection reports, measurement and payment information, and project visual reviews for items such as traffic control placement and conformance, etc.
- (g) Project Audit(s) – The DEPARTMENT may audit the status of any certifications as needed; whether during procurement of services, during contract administration, and/or following project closeout.
- (h) Project Closeout – Project information obtained through contract administration, materials testing and project inspection will be collated and reviewed by the CONSULTANT to assure that all of the necessary documents are present to demonstrate compliance with the plans, specifications and Construction contract. Closeout will be performed in accordance with the comprehensive checklist in the UDOT Construction MOI and will include at a minimum, all C-106 forms, the project C-196 form, all change orders and all administrative requirements, such as payrolls and Civil Rights requirements.

- (i) The DEPARTMENT's Construction Manual of Instruction and Materials Manual of Instruction can be obtained from Central Construction and Materials Division 801-965-4346 or available at the sub-page of the DEPARTMENT website www.udot.utah.gov/go/manuals. (Provision revised October 31, 2016.)

44. INSPECTION OF INTELLIGENT TRANSPORTATION SYSTEMS (ITS) AND ELECTRICAL CONSTRUCTION:

In order to ensure complete impartiality in the performance of construction inspection, any consultant engineering companies who are concurrently performing or bidding on ITS or electrical construction work for the LOCAL AUTHORITY or the DEPARTMENT will not be considered eligible to perform construction inspection of ITS or electrical work on any projects as part of a consultant contract.

Consultants who are selected to do ITS or electrical construction inspection as part of a consultant contract will be requested to affirm that they currently are not performing or bidding on any electrical or ITS construction work for LOCAL AUTHORITY or the DEPARTMENT and will not for the duration of the relevant consulting contract.

For the purposes of this provision, ITS or electrical construction is defined as follows:

Work involving the installation or repair of underground electrical conduit, electrical cables, fiber-optic cable, or any other construction work involving 120-volt (or greater) current for which a state electrician's license is required. Field work taking place inside an electrical cabinet, or involving low voltage detection or data circuits, will *not* be considered ITS or electrical construction. Diagnosis, testing, calibration, aiming, resplicing, or repair of low voltage detection circuits, fiber-optic cable, or detection equipment will *not* be considered ITS or electrical construction.

Consultant engineering companies who also perform ITS or electrical construction work under contract to LOCAL AUTHORITY or the DEPARTMENT *will* be eligible to perform the following types of consulting work, provided that the work is on completely different projects, with no possibility for conflict of interest: design work, ITS system integration, software development.

- 45. NO THIRD-PARTY BENEFICIARIES:** The parties enter in to this contract for the sole benefit of the parties, in exclusion of any third party, and no third-party beneficiary is intended or created by the execution of this contract.
- 46. COORDINATION WITH DEPARTMENT FUNCTIONAL MANAGERS:** In order to ensure programmatic consistency, if the project requires, the CONSULTANT will coordinate decisions with the Region and/or Central Functional Managers in addition to the DEPARTMENT's Project Manager. It is important for consultants to seek input into decisions from the technical experts within the DEPARTMENT.
- 47. COORDINATION WITH UTAH DEPARTMENT OF TECHNOLOGY SERVICES (DTS):** The CONSULTANT will comply with the Utah Technology Governance Act, Utah Code §§ 63F-1-101 through 63F-2-103.

After execution of the contract, and prior to commencing any information technology (IT) related activities as defined in Utah Code § 63F-1-102, the CONSULTANT will:

- (a) Coordinate with and receive written approval from the DEPARTMENT and the DTS IT Director assigned to the DEPARTMENT, or
- (b) Have previously obtained written approval from the DTS IT Director assigned to the DEPARTMENT for the IT related activities which must be detailed in the Scope of Work and included in the terms of this base contract.

In addition, the DEPARTMENT will not consider modifying this contract to include or alter IT elements without coordination and written approval from the DTS IT Director assigned to the DEPARTMENT.

- 48. USE OF STATE SEAL AND DEPARTMENT LOGO:** The CONSULTANT will not misrepresent their employees as State of Utah employees. The CONSULTANT will not use the Utah State Seal or

DEPARTMENT logo on business cards for their employees nor use Utah or DEPARTMENT letterhead on correspondence signed by their employees with the following exception: the CONSULTANT may incorporate the DEPARTMENT logo on their business cards stating, "In partnership with UDOT" in addition to the CONSULTANT'S own logo. The CONSULTANT may prepare correspondence for the approval and signature of appropriate State of Utah employees.

49. **ASSIGNMENT OF ANTITRUST CLAIMS:** The CONSULTANT and the DEPARTMENT recognize that in actual economic practice, overcharges by the CONSULTANT'S suppliers resulting from violations of state or federal antitrust laws are in fact borne by the LOCAL AUTHORITY. As part of the consideration for the award of the Contract, and intending to be legally bound, the CONSULTANT assigns to the LOCAL AUTHORITY and the DEPARTMENT and the state of Utah all right, title and interest in and to any claims the CONSULTANT now has, or may acquire, under state or federal antitrust laws relating to the products and services which are the subject of this Contract. *(Provision added June 22, 2016.)*
50. **DUTIES OF THE LOCAL AUTHORITY AND THE DEPARTMENT:**
- (a) **Guarantee Access:** The LOCAL AUTHORITY or the DEPARTMENT shall guarantee access to and make all provisions for the CONSULTANT to enter upon all lands, both public and private which in the judgment of the parties hereto are necessary to carry out such work as may be required.
 - (b) **Prompt Consideration:** The LOCAL AUTHORITY and the DEPARTMENT shall give prompt consideration to all reports, plans, proposals and other documents presented by the CONSULTANT.
 - (c) **Documents:** The DEPARTMENT shall furnish Standards, Specifications, Manuals of Instruction, Policies and Procedures, and other available information, including any material previously prepared for this work. Specific materials related to this contract that will be furnished by the LOCAL AUTHORITY and the DEPARTMENT.
 - (d) **Services:** The LOCAL AUTHORITY and the DEPARTMENT will perform standard services relating to this contract.

SERVICES PROVIDED BY THE CONSULTANT

1. SCOPE SUMMARY:

The environmental clearance and new trail for a local government project in West Jordan

2. SCOPE DOCUMENTS:

Following are the scope items contained in this attachment:

- (a) Approval Memo
- (b) Executive Summary
- (c) Detailed Work Plan
- (d) Personnel/Staffing Plan
- (e) Schedule
 - (1) Completion: All work shall be completed by [September 30, 2020](#). If additional time is required beyond the Scope of Work Completion Date, the CONSULTANT shall submit a "Contract Date Extension Modification" to the LOCAL AUTHORITY and the DEPARTMENT'S Project Manager for approval and processing.
 - (2) Contract Period: The contract will terminate [September 30, 2021](#), unless otherwise extended or canceled in accordance with the terms and conditions of this contract.



UDOT Consultant Services Contract Approval Memo

Memo Printed on: September 19, 2019 5:31 PM



PM Approval Date: September 19, 2019

UDOT PM: Gary Horton (Acting as UDOT)

The Project Manager has reviewed and approved the contract/modification consultant documents: Executive Summary, Work Plan, Staffing Plan, Work Schedule, and Cost Proposal.

PROJECT INFORMATION

PIN: 14947
Project No.: F-LC35(308)
Job/Proj:
PIN Description: 7800 So Jordan River Pedestrian Bridge at 1100 W

CONTRACT INFORMATION

CS Admin: Michael R. Butler (Acting as UDOT)
Contract No.: New Design
Mod No.:
SOW Completion Date: September 30, 2020
Contract/Mod Amount: \$119,989.81
Fee Type: COST PLUS FIXED FEE
Selection Method: GE / LG POOL SMALL PURCHASE
Period: 2019-2022 GE POOL
Phase: PRELIMINARY ENGINEERING
Disciplines: PRECONSTRUCTION ENGINEERING

CONTACTS

Consultant	Local Government
J U B ENGINEERS INC	West Jordan City
Robert R Lambert	David Murphy
392 E. WINCHESTER ST.	8000 S REDWOOD RD
SUITE 300	WEST JORDAN, UT 84088 ,
SALT LAKE CITY, UT 84107	
	(801) 569-5074
	DAVID.MURPHY@WESTJOI



Michael Butler <michaelbutler@utah.gov>

LG Approval Memo

David Murphy <david.murphy@westjordan.utah.gov>
To: Michael Butler <michaelbutler@utah.gov>
Cc: "Maureen M. Casper" <Maureen.Casper@westjordan.utah.gov>

Fri, Sep 20, 2019 at 8:51 AM

Michael,

I understand the limits and I am okay with the contract.

Thanks,

David Murphy, P.E.
City of West Jordan
Capital Projects Manager

(801) 569-5074 Work
(801) 870-3049 Mobile
david.murphy@westjordan.utah.gov
7960 South 4000 West
West Jordan City, Utah, 84088

From: Michael Butler <michaelbutler@utah.gov>
Sent: Thursday, September 19, 2019 6:48 PM
To: David Murphy <david.murphy@westjordan.utah.gov>
Cc: Gary Horton <ghorton@wcecengineers.com>; rlambert@jub.com
Subject: LG Approval Memo

Re: Project No. F-LC35(308)
7800 So Jordan River Pedestrian Bridge at 1100 W
PIN No. 14947
Consultant J U B ENGINEERS INC
Contract No. NEW - GE/LG Pool Small Purchase

Dave,

I have received the necessary documents to put the above contract together from JUB. However, before the contract can be compiled, please review the attached document and reply to this email stating that West Jordan City is aware/okay with the contract being put together. Once that approval is received I will have the contract sent out for signatures and final review before it is executed.

Please also acknowledge that West Jordan City is aware of UDOT's contract limits for pool contracts. The limit for the total contract amount is \$250,000.00 for the life of the contract, including any and all future modifications.

A simple email back that you are okay with the contract AND you understand the limits is sufficient. Please respond to both requirements in the responding email back.

You may also just sign the attached document and return since it has all the needed information.

Thanks,

Mike Butler

(Consultant)

4501 South 2700 West

PO Box 148490

Salt Lake City, UT 84114-8490

michaelbutler@utah.gov

801-815-4367 cell

PRIVACY NOTICE

Notice: This email may contain confidential information protected from disclosure by the Government Records and Management Act, Utah Code § § 63G-2-101 through 901, or other applicable law. If you are not the intended recipient, please contact the sender so that confidentiality may be maintained. Only information visible in this message or attachments, and not, for example, metadata, is intended to be reviewed or used.

 **David Murphy P E .vcf**
2K

UDOT CMS Contract Executive Summary

Contract Number:	NEW	Mod:	Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)					
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W					

Brief Description

J-U-B ENGINEERS, Inc. (J-U-B) has been selected by the Utah Department of Transportation (UDOT) Region Two to perform Engineering Services for the Jordan River Pedestrian Bridge at 7800 South project in West Jordan, UT.

Project Description: This project consists of constructing a pedestrian bridge over the Jordan River at 7800 South along the Jordan River Parkway Trail. The bridge span will consist of a pre-fabricated steel truss bridge or precast concrete similar to other nearby pedestrian bridges over the Jordan River. J-U-B will design the foundations for the bridge and provide performance specifications to the pre-fabricated bridge manufacturer. J-U-B will also design the trail tying into the bridge and will prepare all necessary ROW documents. The geotechnical analysis will be performed by a subconsultant.

Project Team

J-U-B Engineers, Inc. will be the Prime Consultant with the following subconsultants:

- Terracon, Inc. - Geotechnical Analysis

The following documents are for contract purposes and include the following:

- Work Plan
- Cost Proposal
- Staffing Plan
- Project Schedule

Assumptions

Assumptions:

- The environmental document will be completed by J-U-B.
- This scope of work assumes preparation of a right-of-way package including 2 parcels.
- This scope of work does not include a public open house.
- The design package will be reviewed by Midvale City and The City of West Jordan before the Plan-in-Hand and PS&E Meetings.
- It is assumed that a prefabricated superstructure will be used, and performance requirements will be developed by J-U-B for the design and installation.

Phasing

This contract is expected to be completed in one phase.

Fee Type

This contract will be performed on a Cost Plus Fixed Fee basis. The scope and magnitude of work are well defined and therefore no changes to the scope of work are anticipated at this time.

UDOT CMS Contract Work Plan

Contract Number:	NEW	Mod:	Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)					
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W					

Activity: 1V1 - KICKOFF MEETING**1V1 - Kickoff Meeting**

Prepare for and hold the initial project team meeting. The purpose of the meeting is to introduce team members; to familiarize the team with the project; to review the proposed project scope; to review project risks; and identify the schedule and proposed budget.

Deliverables:

- Meeting Agenda
- Meeting Notes
- Project Communications Plan
- Project Objective Statement

Activity: 1B1 - DEVELOP BASE MAPPING/EXISTING SURFACE**1B1 - Develop Base Mapping/Existing Surface**

Develop base mapping and topography of the Jordan River Murdock Trail at 7800 South and all topography of the Jordan River in the area. Develop Microstation files and a DTM surface. Perform a quality control review and prepare the Base Mapping File Certification.

Deliverables:

- Survey Control Sheet
- Base Mapping
- Base Mapping File Certification

Activity: 1J1 - IDENTIFY EXISTING RIGHT-OF-WAY**1J1 - Identify Existing Right-of-Way**

Identify existing right-of-way along the project and adjacent ownerships. This scope of work includes mapping the existing parcels adjacent to the trail within the project area. Develop the property spreadsheet containing owner names, addresses and tax ID numbers. Perform quality control review of the work.

Deliverables:

- Existing ROW Map
- Property Spreadsheet
- QC Cover Sheets

Activity: 1S1 - IDENTIFY PRELIMINARY STRUCTURE TYPE

1S1 - Identify Preliminary Structure Type (Minor & Major)

Prepare the preliminary Type Structure Report (TSR) for review. Prepare initial and Plan-in-Hand layouts for the Bridge and solicit comment from project team (UDOT, City of West Jordan, and Midvale City).

Deliverables:

- Preliminary Structure Type(s) Selection Report which includes the following:
 - Overview (i.e., the location and description of the new structure)
 - Design Criteria
 - Geotechnical/foundation summary
 - Bridge Hydraulics/Drainage
 - Seismic Design Strategy Report
 - Need for retaining walls
 - Utility that might affect bridge design
 - Proposed Alternatives
 - Sketch drawings for alternative options discussed in the TSR.
 - Situation and Layout sheets for the preferred alternative
 - Cost Estimates
 - Conclusion and Recommendation
- Accelerated Bridge Construction (ABC) Decision Making Procedure document
- Construction phasing and limitations
- QC Cover Sheets

Activity: 1Y1 - DEVELOP PROJECT DESIGN CRITERIA (PDC)

1Y1 - Develop Project Design Criteria (PDC)

Develop the PDC using current City of West Jordan and UDOT design standards. Perform a quality control review.

Deliverables:

- PDC Form
- Project Document Cover Sheet

Activity: 2U1 - UTILITY & RAILROAD IDENTIFICATION

2U1 - Utility & Railroad Identification

Identify any utility owners with existing facilities within the project area. Prepare existing utility mapping. There is a UTA TRAX light rail line in the area. A contact from UTA will be established. Perform QC review.

Deliverables:

- Utility Company Contact List
- Existing Utility Mapping
- QC Documentation

Activity: 2Y1 - PREPARE/COMPILE GEOMETRY REVIEW PACKAGE

2Y1 - Prepare/Compile Geometry Review Package

Prepare and compile all discipline review materials to produce the Geometry Review Package. Distribute the Geometry Review Package to UDOT, City of West Jordan, and Midvale City via email or ProjectWise.

Deliverables:

- Geometry Review Package
- QC Documentation

Activity: 2V1 - GEOMETRY REVIEW MEETING

2V1 - Geometry Review Meeting

Conduct the Geometry Review Meeting. Review the scroll plots of the trail alignment and preliminary design. Review will focus on right-of-way impacts and proposed right-of-way acquisition. Review comments will be documented in a Comment Resolution Form.

Deliverables:

- Comment Resolution Form

Activity: 3E1 - WRITE CATX DOCUMENT

3E1 - Write Categorical Exclusion Document and Obtain Approval

Prepare resource surveys, conduct analysis and complete an environmental document to meet the National Environmental Policy Act (NEPA) requirements. The level of effort is commensurate with the completion of a Categorical Exclusion (Cat Ex) level NEPA document. The scope of work assumes the completion of a biological resource survey, a water resources assessment and a cultural resource survey. The cultural resource survey and report will be prepared by Certus Environmental Solutions LLC. This scope of work assumes that no formal or information consultation with USFWS will be required, that no wetland delineation will be required, and the proposed action will qualify for a Stream Alteration Permit and that no additional permitting will be required from the U.S. Army Corps of Engineers.

Deliverables:

- Biological Resources Memo
- Water Resources Assessment Report
- Cultural Resource Survey
- Categorical Exclusion Document
- QC Documentation

Activity: 3G1 - CONDUCT GEOTECHNICAL INVESTIGATION

3G1 - Conduct Geotechnical Investigation

Conduct subsurface exploration for structural bridge design. Terracon, Inc. will be utilized to assist in identifying the locations of the subsurface exploration and conduct borings.

Deliverables:

- Subsurface Exploration Plan
- Geotechnical Report
 - Field Subsurface Exploration Logs
 - Subsurface Exploration Location Sketch
 - Samples Test Results
- QC Cover Sheets

Activity: 3G3 - COMPLETE FOUNDATION TYPE MEMO

3G3 - Complete Foundation Type Memo

Complete structure foundation type memo for the structural design engineer.

Deliverables:

- Structure Foundation Type Memo

Activity: 3R1 - COMPLETE ROADWAY DESIGN

3R1 - Complete Roadway Design

Finalize the trail model and design. Modify the design from continued coordination with project team members. Modify the design as necessary to include other discipline needs like drainage facilities, and utilities. Create preliminary trail plan and profile sheets, typical sections and details. Update and submit design exceptions, waivers, and deviations from standards as necessary. Update the cost estimate. Perform quality control review.

Deliverables:

- Comment Resolutions
- Preliminary Trail Plan and Profile Sheets
- Preliminary Typical Section Plan Sheets
- Updated Design Exceptions, Waivers, and Deviation from Standards Forms (if necessary)
- Cost Estimate
- QC Cover Sheets

Activity: 3S1 - DEVELOP STRUCTURE TSR & SEISMIC DESIGN STRATEGY REPORT

3S1 - Develop Type Selection Report (TSR) and Seismic Strategy Report

Determine bridge layout and geometry. Finalize the Type Selection Report and develop the Preliminary Seismic Strategy Report.

Deliverables:

- Final Type Selection Report which includes the following:
 - Structure design criteria
 - Preliminary plan, elevation, and cross section
 - Preliminary cost estimate
- Preliminary Seismic Strategy Report
- QC Cover Sheets

Activity: 3S4 - DEVELOP SITUATION AND LAYOUT (S&L) FOR RETAINING WALLS

3S4 - Develop Situation and Layout (S&L) for Bridge

Develop the S&L sheets for bridge. Use standard UDOT S&L checklist and procedures.

Deliverables:

- S&L Sheets
- QC Cover Sheets

Activity: 3S6 - SITUATION AND LAYOUT (S&L) ACCEPTANCE

3S6 - Situation and Layout (S&L) Acceptance (Minor & Major)

Obtain acceptance from the Structures Division for S&L sheets and the Type Selection Report.

Deliverables:

- Structural Documentation Package
- Acceptance of S&L & UDOT Structures Division Responsibility
- Form: DEV_ACC: Structural Design Criteria Deviation Acceptance (if applicable)

Activity: 3U1 - IDENTIFY POTENTIAL UTILITY CONFLICT

3U1 - Identify Potential Utility Conflicts

Using the utility maps prepared in Task 2U1, identify potential utility conflicts through coordination with utility owners and designers.

Document all utility conflicts in a Utility Conflict Matrix/Summary.

Deliverables:

- Preliminary Utility Conflict Matrix/Summary
- QC Cover Sheets

Activity: 3U2 - INITIAL DESIGN UTILITY COORDINATION

3U2 - Initial Design Utility Coordination

Meet with utility companies to facilitate relocation solutions. Facilitate the development of utility owner relocation plans. Update the Utility Conflict Matrix/Summary. City Franchise Agreements will be used for any utility relocation work. Perform quality control review.

Deliverables:

- Revised Utility Conflict Summary/Matrix
- Utility Company Plans, Schedules, and Cost Estimate Request
- QC Cover Sheets

Activity: 3U4 - COMPLETE UTILITY AND RAILROAD DESIGNS

3U4 - Complete Utility and Railroad Designs

Prepare relocation designs for city owned utilities within the project limits. Utility relocation designs for private utilities are assumed to be prepared by the respective utility owner. Coordinate with UTA due to the project proximity to a UTA TRAX light rail line. Perform a quality

control review.

Deliverables:

- Utility Relocation Plans
- QC Cover Sheets

Activity: 3Y1 - PREPARE/COMPILE PLAN-IN-HAND REVIEW PACKAGE

3Y1 - Prepare/Compile Plan-In-Hand Review Package

Compile comment resolutions, project cost estimate, and all discipline review materials to produce the Plan-in-Hand review package.

Distribute the Plan-in-Hand review package to UDOT, City of West Jordan, and Midvale City 14 calendar days prior to the meeting.

Deliverables:

- Final Disposition Review Comment Resolution Form
- User Costs for Price + Time Bidding (if needed)
- Plan-in-Hand Review Package

Activity: 3V1 - PLAN-IN-HAND REVIEW MEETING

3V1 - Plan-in-Hand Review Meeting

Schedule and conduct the Plan-in-Hand review meeting. Invite UDOT, City of West Jordan, and Midvale City to the meeting. Prepare the agenda and take notes. Document all review comments in the Comment Resolution Form.

Deliverables:

- Meeting Agenda
- Distributed Review Material
- Meeting Notes
- Initial Disposition Review Comment Resolution Form

Activity: 4E1 - PREPARE/ SUBMIT PERMIT(S)

4E1 - Prepare/Submit Permits

Coordinate with the Region Utility Engineer for the finalization of Individual Utility Agreements, Cooperative Agreements, Construction and Maintenance Agreements, and Permits required for project advertisement and constructions.

The Region Utility Engineer will prepare and distribute the agreements for signature/authorization.

Deliverables:

- Executed Individual Utility Agreements
- Executed Construction and Maintenance Agreement
- QC Cover Sheets

Activity: 4H1 - COMPLETE STRUCTURE HYDRAULIC DESIGN

4H1 - Complete Structure Hydraulic Design

Conduct the structure hydraulic design of the bridge layouts and plans.

Deliverables:

- Hydraulic Study and Scour Analysis Report/Memo
- QC Cover Sheets

Activity: J1A - IDENTIFY RIGHT-OF-WAY NEEDS

J1A - Identify Right-of-Way Needs

Evaluate the proposed design and coordinate with the City of West Jordan and UDOT to identify limits of construction and develop the line work for the required right-of-way and temporary construction easements (TCE). This scope of work includes identifying acquisition, TCE and Permits to Enter and Construct (PEC) needs for 2 properties.

Deliverables:

- List of Affected Parcels

Activity: J2A - DEVELOP RIGHT-OF-WAY PLANS & DOCUMENTS

J2A - Develop Right-of-Way Plans and Documents

Develop ROW plans and documents. Repeat this activity for each partial, final, and supplemental summary. This work plan is limited to the preparation of right-of-way documents for 2 properties. Each property may include 1 acquisition, 1 TCE and 1 permit to enter and construct. Perform quality control review.

Deliverables:

- List of Parcels Affected by Design
- Record of Survey
- ROW partial summaries including:
 - ROW Plan Sheets (Title sheet, Total Tract Map sheets, RW Sheets (1:60 scale), and RW Summary Sheets)
 - Survey Control Sheets
 - ROW Descriptions
 - ROW Documents (Partial Summaries, E-Summaries, Ownership Records, Signature Deeds, Vesting Deeds, and Deed Plots)
- Permit to enter and construct documents
- QC Cover Sheets

Activity: 4R1 - COMPLETE ROADWAY PLANS & DOCUMENTS

4R1 - Complete Roadway Plans & Documents

Address comments from the Plan-in-Hand Review Meeting (3V1). Following *UDOT Plan Sheet Development Standards*; complete the trail plan and profile sheets; and create trail plan summaries, details, typical sections, and additional plan sheets. Prepare and assemble project documents, including measurement and payment, special provisions, acceptance and documentation, and final cost estimate. Perform quality control review.

Deliverables:

- Comment Resolutions
- Trail Plan and Profile Sheets
- Project Documents
- Cost Estimate
- QC Cover Sheets

Activity: 4S4 - COMPLETE STRUCTURE PROJECT DOCUMENTS

4S4 - Complete Structure Project Documents

Address comments from the Plan-in-Hand Review Meeting (3V1).

Deliverables:

- Structure Comment Resolutions
- Structure Project Documents
- Structure Cost Estimate
- QC Cover Sheets

Activity: 4SA - DESIGN & DETAIL BRIDGE

4SA - Design and Detail Bridge

Based on the approved S&Ls and the structural design criteria, J-U-B will design, detail, and check the bridge design, incorporate design requirements and the preliminary information from the draft geotechnical report and the hydraulic report/memo. Load ratings are not required for pedestrian bridges. A railroad package will not be required for this project.

Deliverables:

- Define Superstructure Performance Requirements
- Substructure Design Calculations
- Substructure Plans
- Final Seismic Strategy Report
- Special provisions in required (non are expected at this time.)
- QC & QA Cover Sheets

Activity: 4U1 - FINAL DESIGN UTILITY COORDINATION

4U1 - Prepare and Obtain Utility and Railroad Agreements and Permits

Coordinate with the Region Utility Engineer for the finalization of Individual Utility Agreements, Cooperative Agreements, Construction and Maintenance Agreements, and Permits required for project advertisement and constructions. Coordinate with UTA on a permit to enter and construct.

The Region Utility Engineer will prepare and distribute the agreements for signature/authorization.

Deliverables:

- Executed Individual Utility Agreements
- Executed UTA Agreements
- Executed Construction and Maintenance Agreement
- QC Cover Sheets

Activity: 4U2 - PREPARE & OBTAIN UTILITY AND RAILROAD AGREEMENTS/PERMITS

4U2 - Final Design Utility Coordination

Perform final coordination with utility owners and provide guidance and information to complete utility relocation plans. Hold a meeting with the city and utility owners to resolve any remaining conflicts and prepare for the construction stage.

Deliverables:

- Utility Company Plans, Schedules, and Cost Estimates

Activity: 4U3 - COMPLETE UTILITY & RAILROAD PLANS & DOCUMENTS

4U3 - Complete Utility and Railroad Plans and Documents

Address comments from the Plan-in-Hand Review Meeting (3V1). Perform a quality control review.

Deliverables:

- Utility Relocation Comment Resolution Form
- QC Cover Sheets

Activity: 4Y1 - PREPARE/COMPILE PS&E REVIEW PACKAGE

4Y1 - Prepare /Compile PS&E Review Package

Compile comment resolutions, project opinion of probable cost, and review materials to produce the PS&E Review Package. Distribute the PS&E Review Package to UDOT, City of West Jordan, and Midvale City ten days prior to the review meeting.

Deliverables:

- Final Disposition Review Comment Resolution Form
- Plan Set Sheets
- Project Opinion of Probable Cost
- Special Provisions
- PS&E Review Package
- QC Cover Sheets

Activity: 4V1 - PLANS, SPECIFICATIONS & ESTIMATE (PS&E) REVIEW MEETING

4V1 - PS&E Review Meeting

The purpose of this activity is to review the elements provided in the plan sheets and advertising documents to check their consistency with the project scope and available funding requirements. The meeting should include reviews to determine consistency, accuracy, and constructability. Schedule and conduct the PS&E Review meeting. Invite UDOT, City of West Jordan, and Midvale City to the meeting. Prepare the meeting agenda and take notes. Document all review comments in the Comment Resolution Form.

Deliverables:

- Meeting Agenda
- Distributed Review Material
- Meeting Notes
- Initial Disposition Review Comment Resolution Form

Activity: 5A1 - PREPARE SWPPP PACKAGE FOR CONSTRUCTION

5A1 - Prepare SWPPP Package for Construction

Prepare the draft SWPPP package and submit to the Resident Engineer.

Deliverables:

- Draft SWPPP Package
- QC Cover Sheet

Activity: 5E1 - OBTAIN ENVIRONMENTAL PERMITS

5E1 - Obtain Environmental Permits

Assist the Region Environmental Staff as needed to prepare the necessary permits. The permits will be identified through the environmental process.

Deliverables:

- Application for Stream Alteration Permit

Activity: 5L1 - DELIVER RIGHT-OF-WAY CERTIFICATION

5L1 - Deliver Right-of-Way Certification

Coordinate with the City of West Jordan to prepare the Right-of-Way Certification and submit it to UDOT.

Deliverables:

- ROW Certification

Activity: 5S1 - DELIVER FINAL STRUCTURE ACCEPTANCE

5S1 - Deliver Final Structure Acceptance

Obtain the final acceptance to release the structural plans and documentation for advertising.

Deliverables:

- Structural Documentation Package
 - QC Cover Sheets (if changes have been made)
- Acceptance of Structure & UDOT Structures Division Responsibility

Activity: 5U1 - DELIVER UTILITY CERTIFICATION

5U1 - Deliver Utility Certification

Coordinate with the City of West Jordan to prepare the Utility Certification and submit it to UDOT.

Deliverables:

- Utility Certification

Activity: 5V1 - COMMENT RESOLUTION REVIEW MEETING

5V1 - Comment Resolution Review Meeting

This meeting is to review the final comment resolution form. At the completion of this activity, all comment resolutions are to be accepted by the respective reviewer. At this stage, there is to be no review of the plans other than spot checks of proper comment incorporation. Schedule and conduct the Comment Resolution Review Meeting. Invite all reviewers to the meeting from UDOT, City of West Jordan, and Midvale City. Prepare the meeting agenda and take notes. Update the Comment Resolution Form to document that all review comment resolutions have been accepted. Perform a final quality control review.

Deliverables:

- Revised Comment Resolution Form (if needed)
- Revised Plan Sheets and Documents (as needed)
- QC Cover Sheets

Activity: 5Y1 - INCORPORATE PS&E REVIEW COMMENTS

5Y1 - Incorporate PS&E Review Comments

Make revisions based on comments made during PS&E Review (4V1). Perform a quality control review.

Deliverables:

- PS&E Comment Resolution Form
- QC Cover Sheets
- Final Plan Set & Project Documents Package

Activity: 5Z1 - PROJECT MANAGEMENT

5Z1 - Project Management

Perform the tasks necessary to manage the project work. This includes: team coordination and assignments; billings; maintain the schedule in Sharepoint; and coordination with the project manager. Schedule and conduct project team meetings at the City of West Jordan offices.

Deliverables:

- Monthly Invoices
- Schedule Updates

Activity: 5Z2 - PREPARE, SUBMIT & PROCESS FOR ADVERTISEMENT

5Z2 - Prepare, Submit, and Process for Advertisement

Prepare the final advertising package and post on ProjectWise for the advertising by UDOT. Complete the advertising checklist. Assist UDOT with any required addendums.

Deliverables:

- Complete Advertising Package
- Biddable Project on UDOT Website

Activity: 6S1 - STRUCTURE CONSTRUCTION SERVICES

6S1 - Structure Construction Services

Review construction submittals. Perform design services during construction. Perform construction submittal reviews.

Deliverables:

- Working Drawing Reviews and/or Approvals
- Construction Responses
- As-built Plans
- Documentation of Quality Procedures (defined in Chapter 5 of the SDDM) which includes:
 - QC cover sheets for all deliverables
 - Form: AUD_QA Audit

UDOT CMS Staffing Plan

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Employee Name	Contract Job Title	Education/Certification	License Number	Hours	Current Rate	Proposal Rate	Approval Date
POWELL, JOHN	ROW QC/QA	B.S.	UT-354109-2202	8	\$58.94	\$58.94	NTP
JOHNSON, DELMAS	PROJECT MANAGER	MOS	UT-260247-2202	26	\$58.49	\$58.49	NTP
HOGE, MARTI	NEPA SPECIALIST	B.S., M. A.		20	\$55.85	\$55.85	NTP
BLACK, SEAN	STRUCTURAL ENGINEER	M.S.	UT-343598-2203	91	\$54.50	\$54.50	NTP
JONES, JASON	QUALITY CONTROL	B.S.	UT-7549220-2202	14	\$53.91	\$53.91	NTP
LAMBERT, ROBERT	PROJECT ENGINEER	MS	UT-4858460-2202	40	\$48.22	\$48.22	NTP
FOUSHEE, AUTUMN	ENVIRONMENTAL PLANNER/BIOLOGIS	MS		48	\$44.70	\$44.70	NTP
BUDGE, JONATHAN	ROW ENGINEER	B.S.	UT-8203769-2202	28	\$44.28	\$44.28	NTP
HOWELL, STEPHEN	SURVEY MANAGER	A.A.S.	UT-7387065	14	\$39.45	\$39.45	NTP
LAPREVOTE, JOSEPH	STRUCTURAL ENGINEER	BS	UT-10861995	217	\$35.77	\$35.77	NTP
TVETEN, BRITTON	UTILITY ENGINEER	B.S.	UT-10612740-2202	56	\$35.65	\$35.65	NTP
HOLM, BROOKE	CLERICAL	A.A.S.		6	\$33.57	\$33.57	NTP
GILLINS, MATTHEW	SURVEYOR	M.S.		70	\$32.36	\$32.36	NTP
HERNANDEZ, MARCOS	ROADWAY DESIGN ENGINEER	B.S.		79	\$31.14	\$31.14	NTP
RUNOLFSON, MARISSA	STRUCTURAL CADD	B.S.		125	\$29.04	\$29.04	NTP
ADAMS, NIKKI	CAD TECHNICIAN			77	\$17.63	\$17.63	NTP
Total Hours for J U B ENGINEERS INC:				919			

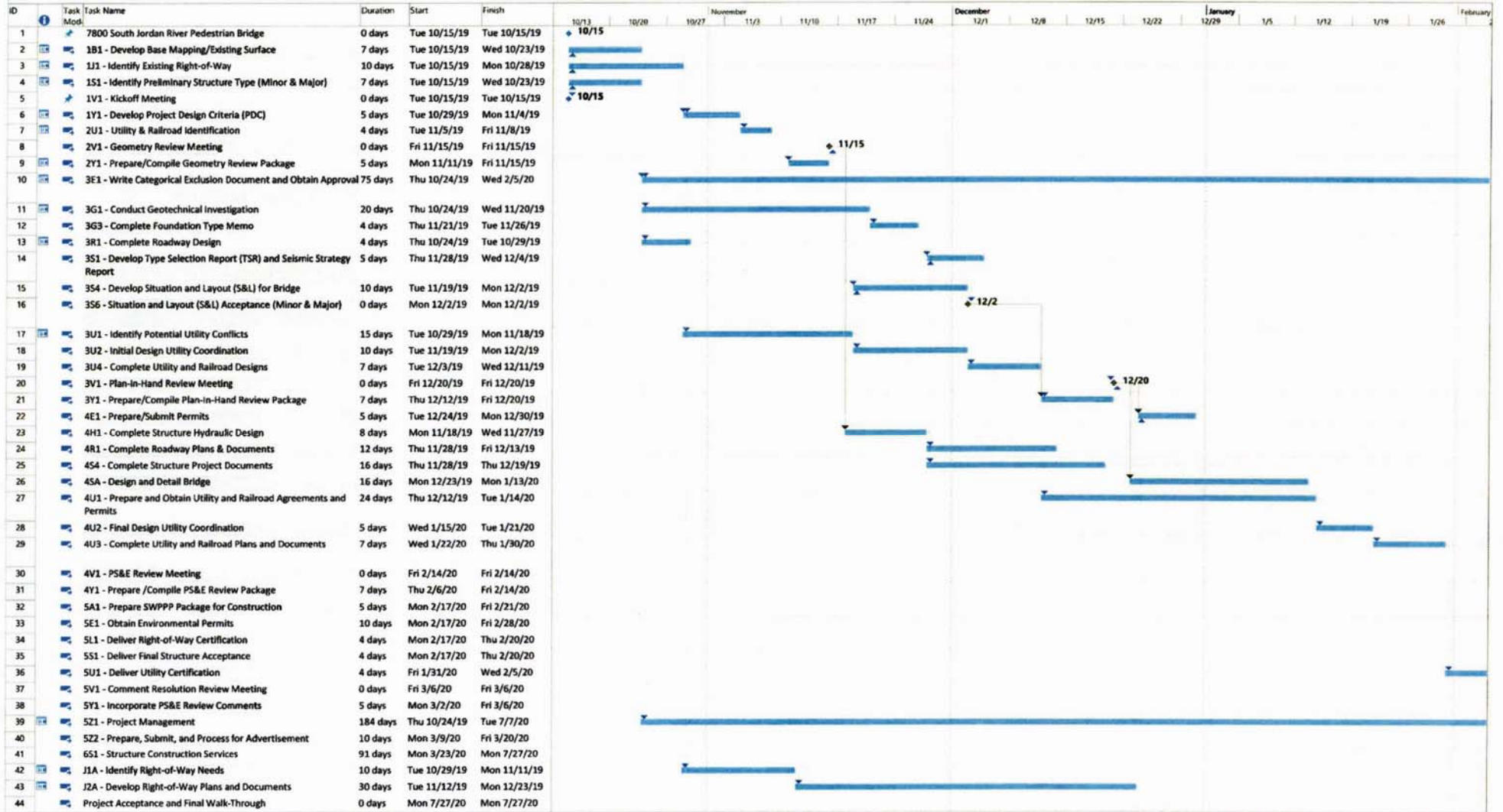
UDOT CMS Staffing Plan

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Alternate Staff

Employee Name	Contract Job Title	Education/Certification	License Number	Hours	Current Rate	Proposal Rate	Approval Date
FRASER, NEAL	GIS SPECIALIST	B.S.		0	\$48.66	\$48.66	NTP
HAMADA, TRENT	ENVIRONMENTAL SPECIALIST	MS		0	\$36.83	\$36.83	NTP
MYERS, JUBAL	CADD DESIGNER	A.A.S.		0	\$35.78	\$35.78	NTP
GORMAN, CARLY	DESIGNER	B.S		0	\$31.14	\$31.14	NTP

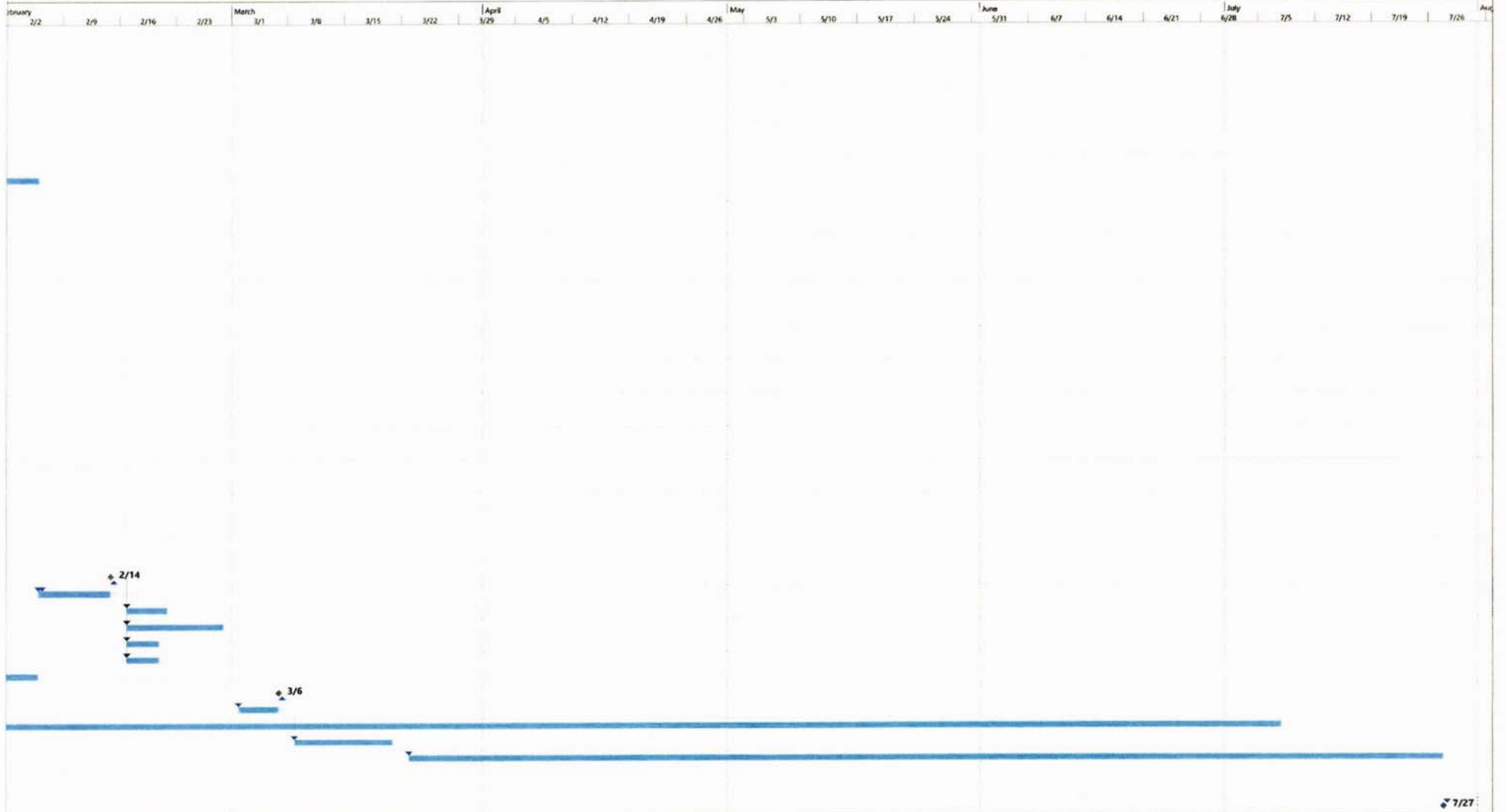
UIDOT - City of West Jordan
7800 South Jordan River Pedestrian Bridge



Project: Project Schedule
Date: Tue 9/17/19



UDOT - City of West Jordan
7800 South Jordan River Pedestrian Bridge



Project: Project Schedule
Date: Tue 9/17/19

FEES

**COST PLUS A FIXED FEE
WITH FIXED TOTAL ADDITIVE RATE**

1. **COST PLUS A FIXED FEE:** For all services and materials pertinent hereto and/or specifically described herein, except as otherwise explicitly cited, the LOCAL AUTHORITY agrees to pay the CONSULTANT for the actual allowable cost and the FIXED additives plus a fixed fee. Overhead rates have been reviewed, approved, and are limited to the costs which are allowable under 2 CFR Part 200 Subpart E Cost Principles and 48 CFR Part 31 Federal Acquisition Regulations (FAR) in compliance with 23 USC § 112(b)(2)(B), as modified by Utah State law, administrative rules, regulations, or contract provisions.

The contract cost includes direct labor expense, payroll additives; indirect costs and other direct non-salary costs as outlined below.

Guest meals (meals paid by a consultant or a consultant's employee for someone other than his/her self) shall not be eligible for reimbursement unless previously approved in writing by the DEPARTMENT Project Manager and the LOCAL AUTHORITY.

- (a) The direct labor expense is the actual salary expense for professional and technical personnel and principals for the time they are productively engaged in work necessary to fulfill the terms of this contract. The payroll additives and indirect costs are FIXED as 173.14% of the direct salary expense.
- (b) If necessary and DEPARTMENT approved, any additional direct expenses incurred in fulfilling the terms of this contract, including but not limited to travel and lodging, reproduction, telephone, equipment, supplies and fees of outside CONSULTANTS or sub-consultants will be reimbursed at actual costs.

If the CONSULTANT'S normal accounting practice is to include some of these costs as indirect expenses, then this contract will be consistent with that practice. These types of costs must be disclosed as part of your accounting practices and in conformance to Federal Cost Principles.

- (c) The fixed fee has been determined and agreed upon as 11.50% of the combined estimated direct labor and the Overhead amount, which represents the CONSULTANT'S profit of \$10,793.71. The fixed fee percentage is not a floating percent and should not be billed as a percent of labor. Rather, the fixed fee payment will be prorated and paid regularly in proportion to the percentage of work completed as reflected by the periodic invoices; that is, on the same ratio as the invoice cost bears to the originally estimated total for CONSULTANT'S actual cost which is the maximum amount payable minus the fixed fee. Any portion of the fixed fee payment not previously paid in the periodic payment will be covered in the final payment.

Overruns in the costs of the work do not warrant an increase in the fixed fee, but significant changes to the Scope of Work may require adjustment of the fixed fee in the contract as evidenced by a contract modification. *(Provision revised March 18, 2019.)*

- 2. **MODIFICATIONS:** In the event the LOCAL AUTHORITY requires changes of services which materially affect the scope or work plan, with a resulting material increase in cost to the CONSULTANT, a contract modification for additional compensation and time for completion shall be entered into by the parties hereto prior to making such change. Any such work done without prior LOCAL AUTHORITY and the DEPARTMENT agreement shall be deemed ineligible for reimbursement by the DEPARTMENT. The LOCAL AUTHORITY will not entertain requests or claims for reimbursement and remuneration unless written approval is given prior to performance of the work.
- 3. **PROGRESS PAYMENTS:** Progress payments are based upon the approved percentage of work completed and are made pursuant to certified invoices received.
- 4. **INVOICES:** The CONSULTANT will submit monthly payment requests promptly and no later than 45 calendar days after each monthly billing cycle. Invoices are to reflect charges as they apply to the appropriate contract, project, and account number, and must be certified and executed by an official

legally authorized to bind the firm. The invoice must be substantiated with appropriate supporting documentation such as time sheets, labor reports, or cost accounting system print-out of employee time, receipts for direct expenses, and subconsultant invoices and supporting documentation that is reviewed and approved by the DEPARTMENT'S Project Manager and subject to final approval by the DEPARTMENT'S Comptroller's Office. The DEPARTMENT will make undisputed payments no later than 30-days after receiving CONSULTANT's invoices and progress reports for services performed. If an invoice is incorrect, defective or otherwise improper, the DEPARTMENT will notify CONSULTANT within 15 days of discovering the error(s). After the DEPARTMENT receives the corrected invoice, the DEPARTMENT will pay CONSULTANT within 30-days of receiving such invoice.

Payment requests for services performed on or before the last day of the Utah fiscal year (June 30), must be submitted no later than 30 calendar days after the billing cycle, see Utah Code Ann. § 63J-1-601.

The CONSULTANT acknowledges untimely billing may adversely affect the LOCAL AUTHORITY and the DEPARTMENT due to federal funding requirements in 41 CFR § 105 – 71.123, and/or the state fiscal constraints imposed upon it as a department of state government by the Budgetary Procedures Act, Utah Code Ann. § 63J-1-101 et seq. The CONSULTANT waives payment, and waives the right to bring action in law or in equity to recover payment for services, for any and all payment requests the DEPARTMENT does not receive from the CONSULTANT within the timeframe provided under this contract. *(Provision revised June 22, 2016.)*

5. **FINAL PAYMENT:** Final invoice payment will be released only after all materials and services associated with this contract have been reviewed and approved by the DEPARTMENT'S Project Manager and finalized by the DEPARTMENT'S Comptroller's Office. The final invoice payment will not be released until a project evaluation form has been completed by the LOCAL AUTHORITY and the DEPARTMENT'S Project Manager and submitted to Consultant Services and the Comptroller's Office.

The DEPARTMENT'S Project Managers and the Comptroller's Office have the right to hold the final payment on certain projects when design and construction are performed by two separate Consultants or if there is a potential possibility of a design or construction error. The DEPARTMENT Comptroller's Office also has the right to hold the final invoice payment until the final audit is complete upon the request of the DEPARTMENT Project Manager.

6. **FINANCIAL SUMMARY:** The total maximum amount of disbursement pertinent to this contract shall not exceed **\$119,989.81**. Contract overruns will not be paid.
7. **COST PROPOSAL:** The overhead rate shown in the CONSULTANT'S and/or sub-consultant's cost proposal has been determined and agreed upon by the parties and is included in this contract. The CONSULTANT will invoice the DEPARTMENT using the actual Wage Rates, FIXED Overhead, prorated Fixed Fee, and any additional Direct Costs. Invoices submitted to the DEPARTMENT must reflect the staffing plan and associated hourly wage rates, labor hours used, and other costs submitted in the CONSULTANT cost proposal.

The Cost Proposal for the CONSULTANT and/or sub-consultant, if applicable, may be found in Attachment D of this contract.

UDOT CMS Cost Proposal

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Labor Costs				
Employee Name	Contract Job Title	Hours	Proposal Rate	Labor Cost
ADAMS, NIKKI	CAD TECHNICIAN	77	\$17.63	\$1,357.51
BLACK, SEAN	STRUCTURAL ENGINEER	91	\$54.50	\$4,959.50
BUDGE, JONATHAN	ROW ENGINEER	28	\$44.28	\$1,239.84
FOUSHEE, AUTUMN	ENVIRONMENTAL PLANNER/BIOLOGIS	48	\$44.70	\$2,145.60
GILLINS, MATTHEW	SURVEYOR	70	\$32.36	\$2,265.20
HERNANDEZ, MARCOS	ROADWAY DESIGN ENGINEER	79	\$31.14	\$2,460.06
HOGUE, MARTI	NEPA SPECIALIST	20	\$55.85	\$1,117.00
HOLM, BROOKE	CLERICAL	6	\$33.57	\$201.42
HOWELL, STEPHEN	SURVEY MANAGER	14	\$39.45	\$552.30
JOHNSON, DELMAS	PROJECT MANAGER	26	\$58.49	\$1,520.74
JONES, JASON	QUALITY CONTROL	14	\$53.91	\$754.74
LAMBERT, ROBERT	PROJECT ENGINEER	40	\$48.22	\$1,928.80
LAPREVOTE, JOSEPH	STRUCTURAL ENGINEER	217	\$35.77	\$7,762.09
POWELL, JOHN	ROW QC/QA	8	\$58.94	\$471.52
RUNOLFSON, MARISSA	STRUCTURAL CADD	125	\$29.04	\$3,630.00
TVETEN, BRITTON	UTILITY ENGINEER	56	\$35.65	\$1,996.40
Total Hours:		919		
Total Direct Labor:				\$34,362.72
Overhead:			173.14%	\$59,495.67
Total Direct Labor plus Overhead:				\$93,858.39
Fixed Fee:			11.50%	\$10,793.71
Burdened Labor Cost:				\$104,652.10
Other Direct Charges				
ODC Item	Unit of Measure	Qty	Item Cost	Extended Cost
CL - CERTUS ENVIRONMENTAL SOLUTIONS, LLC	JOB	1.0	\$1,500.000	\$1,500.00
PERSONAL VEHICLE MILEAGE \$0.58	MILE	200.0	\$0.580	\$116.00
FCCM (0.99% X LABOR)	LUMP	340.2	\$1.000	\$340.20
Total Other Direct Charges:				\$1,956.20
Sub Consultant Costs				
Firm Name				Sub Total Cost
TERRACON CONSULTANTS, INC.				\$13,381.50
Total Sub Consultant Costs:				\$13,381.50
Total Contract Cost:				\$119,989.81

UDOT CMS Hours Derivation

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Employee Name	1V1	1B1	1J1	1S1	1Y1	2U1	2Y1	2V1	3E1	3G1	3G3	3R1	3S1	3S4	3S6	
POWELL, JOHN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JOHNSON, DELMAS	2	1	0	0	1	1	1	2	0	0	0	1	0	0	0	
HOGE, MARTI	2	0	0	0	0	0	0	0	14	0	0	0	0	0	0	
BLACK, SEAN	0	0	0	18	0	0	0	0	0	0	0	0	8	8	4	
JONES, JASON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LAMBERT, ROBERT	2	2	0	0	2	2	2	2	0	0	0	4	0	0	0	
FOUSHEE, AUTUMN	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	
BUDGE, JONATHAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HOWELL, STEPHEN	0	10	4	0	0	0	0	0	0	0	0	0	0	0	0	
LAPREVOTE, JOSEPH	2	0	0	24	0	0	4	2	0	2	2	0	20	20	6	
TVETEN, BRITTON	0	0	0	0	0	2	0	2	0	0	0	4	0	0	0	
HOLM, BROOKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GILLINS, MATTHEW	0	30	16	0	0	0	0	0	0	0	0	0	0	0	0	
HERNANDEZ, MARCOS	2	0	0	0	3	0	4	2	0	0	0	16	0	0	0	
RUNOLFSON, MARISSA	0	0	0	0	0	0	0	0	0	0	0	0	0	35	10	
ADAMS, NIKKI	0	0	0	0	0	0	0	0	13	0	0	25	0	0	0	

UDOT CMS Hours Derivation

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Employee Name	3U1	3U2	3U4	3Y1	3V1	4E1	4H1	J1A	J2A	4R1	4S4	4SA	4U1	4U2	4U3	
POWELL, JOHN	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	
JOHNSON, DELMAS	0	0	0	1	3	1	0	0	0	1	0	0	0	0	0	
HOGE, MARTI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BLACK, SEAN	0	0	0	8	0	0	0	0	0	0	4	14	0	0	0	
JONES, JASON	0	0	0	4	0	0	1	0	0	0	0	3	0	0	0	
LAMBERT, ROBERT	0	0	0	2	3	2	1	0	0	2	0	0	1	1	0	
FOUSHEE, AUTUMN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BUDGE, JONATHAN	0	0	0	0	0	0	0	2	24	0	0	0	0	0	0	
HOWELL, STEPHEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LAPREVOTE, JOSEPH	0	0	0	8	3	0	1	0	0	0	10	50	0	0	0	
TVETEN, BRITTON	4	4	4	4	0	0	0	0	0	4	0	0	4	4	8	
HOLM, BROOKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GILLINS, MATTHEW	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	
HERNANDEZ, MARCOS	0	0	0	6	3	0	2	2	0	8	0	0	0	0	0	
RUNOLFSON, MARISSA	0	0	0	0	0	0	0	0	0	0	30	40	0	0	0	
ADAMS, NIKKI	0	0	0	0	0	0	0	0	0	25	0	0	0	0	6	

UDOT CMS Hours Derivation

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Employee Name	4Y1	4V1	5A1	5E1	5L1	5S1	5U1	5V1	5Y1	5Z1	5Z2	6S1				Total
POWELL, JOHN	0	0	0	0	0	0	0	0	0	0	0	0				8
JOHNSON, DELMAS	1	3	0	1	0	0	0	3	0	2	1	0				26
HOGE, MARTI	0	0	0	4	0	0	0	0	0	0	0	0				20
BLACK, SEAN	8	3	0	0	0	2	0	0	6	0	0	8				91
JONES, JASON	4	0	0	0	0	0	0	0	0	0	2	0				14
LAMBERT, ROBERT	2	3	0	0	0	0	0	3	2	0	2	0				40
FOUSHEE, AUTUMN	0	0	0	8	0	0	0	0	0	0	0	0				48
BUDGE, JONATHAN	0	0	0	0	2	0	0	0	0	0	0	0				28
HOWELL, STEPHEN	0	0	0	0	0	0	0	0	0	0	0	0				14
LAPREVOTE, JOSEPH	8	3	0	0	0	10	0	3	10	0	4	25				217
TVETEN, BRITTON	6	0	0	0	0	0	2	0	4	0	0	0				56
HOLM, BROOKE	2	0	0	0	0	0	0	0	0	2	2	0				6
GILLINS, MATTHEW	0	0	0	0	0	0	0	0	0	0	0	0				70
HERNANDEZ, MARCOS	8	3	1	0	0	0	0	3	8	0	8	0				79
RUNOLFSON, MARISSA	0	0	0	0	0	0	0	0	10	0	0	0				125
ADAMS, NIKKI	0	0	0	0	0	0	0	0	8	0	0	0				77

UDOT CMS Hours Derivation

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

	1V1	1B1	1J1	1S1	1Y1	2U1	2Y1	2V1	3E1	3G1	3G3	3R1	3S1	3S4	3S6	
Firm Activity Totals:	10	43	20	42	6	5	11	10	67	2	2	50	28	63	20	
	3U1	3U2	3U4	3Y1	3V1	4E1	4H1	J1A	J2A	4R1	4S4	4SA	4U1	4U2	4U3	
Firm Activity Totals:	4	4	4	33	12	3	5	4	56	40	44	107	5	5	14	
	4Y1	4V1	5A1	5E1	5L1	5S1	5U1	5V1	5Y1	5Z1	5Z2	6S1				Total
Firm Activity Totals:	39	15	1	13	2	12	2	12	48	4	19	33				919
	1V1	1B1	1J1	1S1	1Y1	2U1	2Y1	2V1	3E1	3G1	3G3	3R1	3S1	3S4	3S6	
Transaction Activity Totals:	10	43	20	42	6	5	11	10	67	109	2	50	28	63	20	
	3U1	3U2	3U4	3Y1	3V1	4E1	4H1	J1A	J2A	4R1	4S4	4SA	4U1	4U2	4U3	
Transaction Activity Totals:	4	4	4	33	12	3	5	4	56	40	44	107	5	5	14	
	4Y1	4V1	5A1	5E1	5L1	5S1	5U1	5V1	5Y1	5Z1	5Z2	6S1				Total
Transaction Activity Totals:	39	15	1	13	2	12	2	12	48	4	19	33				1,026

UDOT CMS Contract Executive Summary

Contract Number:	NEW	Mod:	Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)					
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W					

Brief Description

Our Scope of Services is based on our understanding of the project as described by JUB and the expected subsurface conditions as described below.

Item	Description
Information Provided	Information provided by Delmas Johnson via email on April 22, 2019.
Structure	Pedestrian bridge structure. The bridge structure will be approximately 110 to 115 feet long (one span).
Building construction	Based on information provided, the bridge will be a Contech Express steel bridge supported on reinforced concrete abutments and drilled pier driven pile foundations, or shallow foundations.
Grading	Minimal cut and fills expected to be 3 feet or less.
Free-standing retaining walls	None
Below grade areas	None

Project Team

Terracon will self-perform the work.

Assumptions

Terracon is not aware of environmental concerns at this project site that would create health or safety hazards associated with our exploration program; thus, our Scope considers standard OSHA Level D Personal Protection Equipment (PPE) appropriate. Our Scope of Services does not include environmental site assessment services, but identification of unusual or unnatural materials encountered while drilling will be noted on our logs and discussed in our report.

Exploration efforts require borings (and possibly excavations) into the subsurface, therefore Terracon will comply with local regulations to request a utility location service (Bluestakes of Utah). We will consult with the owner/client regarding potential utilities, or other unmarked underground hazards. Based upon the results of this consultation, we will consider the need for alternative subsurface exploration methods, as the safety of our field crew is a priority.

Private utilities should be marked by the owner/client prior to commencement of field exploration. Terracon will not be responsible for damage to private utilities not disclosed to us. If the owner/client is unable to accurately locate private utilities, Terracon can assist the owner/client by coordinating or subcontracting with a private utility locating services. Fees associated with the **Private Locate are included** in our current Scope of Services and will be forwarded to our client for approval prior to initiating. The detection of underground utilities is dependent upon the composition and construction of the utility line; some utilities are comprised of non-electrically conductive materials and may not be readily detected. The use of a private utility locate service would not relieve the owner of their responsibilities in identifying private underground utilities.

Terracon must be granted access to the site by the property owner. By acceptance of this proposal, without information to the contrary, we consider this as authorization to access the property for conducting field exploration in accordance with the Scope of Services.

Phasing

No phasing planned.

Fee Type

Cost plus fixed fee.

UDOT CMS Contract Work Plan

Contract Number:	NEW	Mod:	Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)					
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W					

Activity: 3G1 - CONDUCT GEOTECHNICAL INVESTIGATION**3G1 Conduct Geotechnical Investigation**

Our proposed Scope of Services consists of field exploration, laboratory testing, and engineering/project delivery. These services are described in the following sections.

Field Exploration

JUB prescribed the following boring locations and depths:

Number of Borings	Planned Boring Depth (feet) ^{1,2}	Planned Location
2	50	Planned bridge abutments
- Below ground surface; - Borings will be excavated to the planned depths or equipment refusal, whichever is shallower.		

Boring Layout and Elevations: We will use handheld GPS equipment to locate borings with an estimated horizontal accuracy of +/-20 feet. Field measurements from existing site features may be utilized. If available, approximate elevations will be obtained by interpolation from a site specific, surveyed topographic map.

Subsurface Exploration Procedures: We will advance soil borings with a track-mounted drill rig using continuous flight augers (hollow stem augers). Four samples will be obtained in the upper 10 feet of each boring and at intervals of 5 feet thereafter. Soil sampling is typically performed using thin-wall tube and/or split-barrel sampling procedures. The split-barrel samplers are driven in accordance with the standard penetration test (SPT). The samples will be placed in appropriate containers, taken to our soil laboratory for testing, and classified by a Geotechnical Engineer. In addition, we will observe and record groundwater levels during drilling and sampling.

Our exploration team will prepare field boring logs as part of standard drilling operations including sampling depths, penetration distances, and other relevant sampling information. Field logs include visual classifications of materials encountered during drilling, and our interpretation of subsurface conditions between samples. Final boring logs, prepared from field logs, represent the Geotechnical Engineer's interpretation, and include modifications based on observations and laboratory tests.

Property Disturbance: We will backfill borings with auger cuttings upon completion. Pavements will be patched with cold-mix asphalt and/or ready mixed concrete, as appropriate per the obtained West Jordan Encroachment Permit. Our services do not include repair of the site beyond backfilling our boreholes, and cold patching existing pavements. Excess auger cuttings will be dispersed in the general vicinity of the borehole. Because backfill material often settles below the surface after a period, we recommend boreholes to be periodically checked and backfilled, if necessary. We can provide this service, or grout the boreholes for additional fees, at your request.

UDOT CMS Staffing Plan

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Employee Name	Contract Job Title	Education/Certification	License Number	Hours	Current Rate	Proposal Rate	Approval Date
CHESNUT, RICK	PRINCIPAL	MS - BS	UT-313118	9	\$67.31	\$67.31	NTP
MOLTHEN, CHARLES	STAFF ENGINEER	MS		33	\$38.70	\$38.70	NTP
MONTILLA ACUNA, CARLOS	STAFF ENGINEER	BS		8	\$32.74	\$32.74	NTP
DAU, KARI	BILLING ADMINISTRATOR	BS		3	\$28.10	\$28.10	NTP
SUMMERHAYS, NICK	FIELD ENGINEER			14	\$23.68	\$23.68	NTP
ARAGON, BENARDETTE	LABORATORY TECHNICIAN			40	\$16.40	\$16.40	NTP
Total Hours for TERRACON CONSULTANTS, INC.:				107			

UDOT CMS Staffing Plan

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Alternate Staff

Employee Name	Contract Job Title	Education/Certification	License Number	Hours	Current Rate	Proposal Rate	Approval Date
GILBERT, JEFF	PROJECT ENGINEER	MS	UT-4939571	0	\$45.82	\$45.82	NTP
KRIEG, JUSTIN	PROJECT ENGINEER	BS	UT-10712597	0	\$39.66	\$39.66	NTP
COOK, ALISHA	ADMINISTRATIVE STAFF			0	\$24.25	\$24.25	NTP
GUTIERREZ-MARTINEZ, PERLA	ENGINEERIG TECHNICIAN			0	\$17.75	\$17.75	NTP

UDOT CMS Cost Proposal

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Labor Costs				
Employee Name	Contract Job Title	Hours	Proposal Rate	Labor Cost
ARAGON, BENARDETTE	LABORATORY TECHNICIAN	40	\$16.40	\$656.00
CHESNUT, RICK	PRINCIPAL	9	\$67.31	\$605.79
DAU, KARI	BILLING ADMINISTRATOR	3	\$28.10	\$84.30
MOLTHEN, CHARLES	STAFF ENGINEER	33	\$38.70	\$1,277.10
MONTILLA ACUNA, CARLOS	STAFF ENGINEER	8	\$32.74	\$261.92
SUMMERHAYS, NICK	FIELD ENGINEER	14	\$23.68	\$331.52
Total Hours:		107		
		Total Direct Labor:		\$3,216.63
		Overhead:	183.80%	\$5,912.16
		Total Direct Labor plus Overhead:		\$9,128.79
		Fixed Fee:	11.50%	\$1,049.81
		Burdened Labor Cost:		\$10,178.60
Other Direct Charges				
ODC Item	Unit of Measure	Qty	Item Cost	Extended Cost
DRILL RIG	UNIT	100.0	\$18.400	\$1,840.00
DRILL RIG MILEAGE	UNIT	40.0	\$4.600	\$184.00
DRILL RIG MOBE	UNIT	1.0	\$287.000	\$287.00
SUPPORT TRUCK	TRIP	1.0	\$60.000	\$60.00
2019 COMPANY VEHICLE MILEAGE	MILE	55.0	\$.580	\$31.90
MISC MATERIALS (HOLE PATCH)	UNIT	8.0	\$25.000	\$200.00
MISC RENTAL EQUIPMENT	UNIT	600.0	\$1.000	\$600.00
Total Other Direct Charges:				\$3,202.90
Total Cost for TERRACON CONSULTANTS, INC.:				\$13,381.50

UDOT CMS Hours Derivation

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

Employee Name	3G1															Total
CHESNUT, RICK	9															9
MOLTHEN, CHARLES	33															33
MONTILLA ACUNA, CARLOS	8															8
DAU, KARI	3															3
SUMMERHAYS, NICK	14															14
ARAGON, BENARDETTE	40															40

UDOT CMS Hours Derivation

Contract Number:	NEW	Mod:		Project Number:	F-LC35(308)	PIN:	14947
UDOT Primary Contact:	Gary Horton (Acting as UDOT)						
PIN Description:	7800 So Jordan River Pedestrian Bridge at 1100 W						

	3G1															Total
Firm Activity Totals:	107															107

Insurance

As stated in Attachment B - Standard Terms and Conditions, services to be provided by the CONSULTANT under this contract are required to be covered by insurance. Insurance shall be maintained in force until all activities which are required by this contract or as changed by contract modification are completed and accepted by the DEPARTMENT.

Insurance	Full Waiver	Aggregate Waiver	Expiration Date	Insurance Carrier	Policy Number	Each Occurrence Limit	General Aggregate Limit	Additional Endorsement
AUTOMOBILE LIABILITY	N	N	8/1/2020	TRAVELERS INDEMNITY CO	BA 7776 N 058	\$1,000,000	\$0	N
EXCESS/UMBRELLA LIABILITY	N	N	8/1/2020	TRAVELERS PROP CAS CO OF AM	CUP-I C 547849	\$9,000,000	\$9,000,000	N
GENERAL LIABILITY	N	N	8/1/2020	TRAVELERS INDEMNITY CO	680-4 H 544308	\$1,000,000	\$2,000,000	Y
HEALTH INSURANCE HB 331-2009	N	N	12/5/2019	UNKNOWN	000000	\$0	\$0	N
PROFESSIONAL LIABILITY	N	N	4/2/2020	XL SPECIALTY INSURANCE CO	DPR 9938727	\$5,000,000	\$5,000,000	N
WORKERS COMPENSATION	N	N	8/1/2020	TRAVELERS CASUALTY & SURETY	UB-8 K 158532	\$1,000,000	\$0	N

7800 S 1100 W JR Ped Bridge RCA complete

Final Audit Report

2019-10-02

Created:	2019-09-25
By:	Maureen Casper (Maureen.Casper@westjordan.utah.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAaZRGQXF-Oshdg5vhzVWzTA8c_rFU4a_5

"7800 S 1100 W JR Ped Bridge RCA complete" History

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