

(Rev. 2/6/2018)

**Consultant Services  
Solicitation**  
(Electronic Submission Required)

Construction Engineering Management



F-0085(9) & F-0172(32)7  
SR-85, MVC; 4100 South to SR201 & SR-172; 5600 W. Railroad Crossing

November 7, 2018

**UTAH DEPARTMENT OF TRANSPORTATION**  
**Solicitation**

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**PART ONE**

Rev. 11/5/18

**Consultant Services Solicitation Overview**

The Utah Department of Transportation is soliciting services identified in Part Three (Project Information and Evaluation Criteria) of this document. Consultant Services will follow guidelines outlined in the [Consultant Services Manual of Instruction](#) (MOI) and in this Solicitation.

**Solicitation** is defined as the document used by UDOT to obtain a Consultant's Proposal.

**Proposal** is defined as a Consultant's response to UDOT's Solicitation.

- 1. Communication:** Pursuant to Utah Code 63G-6a-1503(3), beginning the date that the solicitation is issued until the selection of a Consultant has been made, **Consultants may not contact or communicate with any member or potential member of a Selection Team except through the following official communication process:**

Consultants may contact the UDOT Contract Administrator to schedule one-on-one appointments for project or scope of work discussions with the UDOT Project Manager (PM) (and Local Government Project Manager) regarding this Solicitation. Consultants may only communicate through these official designated appointments for project-related questions. A date has been designated for appointments for these discussions in the Selection Schedule outlined in Part Three (Project Information and Evaluation Criteria). Consultants desiring to meet with the UDOT PM or any UDOT employee must contact the UDOT Contract Administrator via email to request an appointment PRIOR to the deadline identified in the Selection Schedule outlined in Part Three (Project Information and Evaluation Criteria).

UDOT desires to make the most efficient use of resources for all parties involved with the established communication process. The one-on-one meeting with UDOT should not be viewed as a marketing tool and is not part of the Consultant Selection process.

Consultants may contact the UDOT Contract Administrator or other Consultant Services staff with any format or process questions.

- 2. Subscription to the UDOT Consultant Services Update Service:** UDOT recommends Consultants interested in this project subscribe to the [UDOT Consultant Services Update Service](#) on the UDOT website.

If there are any changes affecting the Solicitation, notice will be sent out via an e-mail through the update service.

- 3. Review of the Solicitation documents:** Consultants are responsible for reviewing and understanding the content and requirements of the Solicitation. Read and review each section carefully to ensure proposals meet the outlined requirements. If the Consultant identifies any mistake, error, or ambiguity in the Solicitation during the procurement process, it is the duty of the Consultant to notify the Contract Administrator via email.

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4. **Conflict of Interest:** UDOT expects Consultants to act with integrity and professional ethics. When there is a potential conflict of interest, Consultants are required to either not submit for the project or disclose the potential conflict to the Consultant Services Manager prior to submitting a proposal. The Consultant Services Manager will coordinate with the UDOT Conflict of Interest Review Team for a determination by UDOT. For additional information, refer to the UDOT [Consultant Services Manual of Instruction](#) (MOI). Additional Conflict of Interest requirements may be identified in Part Three of this Solicitation.
5. **Applicable Federal and State Regulations:** The Consultant will conform to all applicable state and federal regulations.
6. **Conditions of Proposal:** All costs related to the preparation of the Proposal and any related activities such as interviews are the sole responsibility of the Consultant. UDOT assumes no liability for any costs incurred by Consultants during the selection and contract negotiation process.
7. **Financial Screening:** Consultants are required to be financially screened at the appropriate level for this Solicitation. For additional information on financial screening requirements, refer to the [Consultant Services Manual of Instruction](#) (MOI). If the selected Consultant is unable to complete the financial screening process within 2 weeks of selection, the Proposal will be determined non-responsive and UDOT may move on to negotiate with the new first-ranked responsive Consultant.
8. **Contract Terms and Conditions:** It is the Consultants' responsibility to review and understand UDOT's Standard Terms and Conditions contained in the UDOT [Contract Terms and Conditions](#). These terms and conditions will apply to any contract resulting from this Solicitation.
9. **Health Reform – Health Insurance Coverage in State Contracts Requirements:** As required by UCA 72-6-107.5, effective March 17, 2016, UDOT will not enter into a contract of \$2,000,000 or more with a prime Consultant or \$1,000,000 or more with a sub-Consultant without demonstration of compliance regarding the offering of "Qualified Health Insurance Coverage" to their employees. Prior to issuing a Notice to Proceed, the Consultant must demonstrate compliance with the provisions of Administrative Rule R-916-5. A Consultant's inability to adequately demonstrate compliance may be grounds for determining a Proposal non-responsive and UDOT moving on to negotiate with the new first-ranked responsive Consultant.
10. **Debarment Certification:** Federal regulations require certification by prospective participants (including contractors, subcontractors, and principals) as to current history regarding debarment, eligibility, indictments, convictions, or civil judgments. The selected Consultant will be required to certify in accordance with contract Standard Terms and Conditions.
11. **Right to Cancel or Reject:** UDOT reserves the right to cancel the Solicitation at any time when it is in UDOT's best interest. UDOT also reserves the right to accept or reject any or all Proposals submitted in response to the Solicitation.
12. **Required Personnel Qualification:** The Consultant will be responsible to ensure all personnel proposed are qualified through training, experience, and appropriate certification for the tasks assigned and will have a working knowledge of UDOT standard practices.

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13. **Proposed Project Staff:** The Consultant is expected to provide a Consultant Proposed Staffing Plan for the project, as outlined in Part Three (Project Information and Evaluation Criteria). The plan should state the certification and education levels of the individuals proposed for use on this contract including sub-Consultants' personnel. The plan must be included in the Proposal but will not count against the maximum allowed pages.

UDOT's requirement for listing current or former UDOT employees as personnel in a Proposal is as follows:

1. If a Consultant lists a former UDOT employee on the Proposal who officially left UDOT employment prior to the submission date of the Proposal, the Consultant will not be disqualified.
  2. If the Consultant lists someone who has not yet left UDOT employment, even if the employee plans to retire or quit soon, the Consultant will be disqualified.
  3. If a Consultant lists a former or current UDOT employee who was involved in the development of the Solicitation for this project, the Consultant will be disqualified.
  4. These requirements apply to prime and sub-Consultants.
14. **Key Personnel:** Key Personnel are those individuals specifically identified in the Proposal as being set forth to effectively manage all aspects of the work in a quality, timely and efficient manner. When Consultants list Key Personnel, the Consultant is agreeing to make the personnel available to complete work on the contract at whatever level the project requires.
15. **Audits:** Prior to final contract award, an audit may be conducted by UDOT of the selected Consultant. This audit will be for the purpose of ensuring the selected Consultant is financially capable of performing the contract, the cost information and prices quoted are reasonable, and the selected Consultant has adequate accounting practices to ensure accurate tracking of contract costs. UDOT reserves the right to inspect Consultant records associated with this project, including financial records, as deemed necessary during the term of the contract.

Prior to final acceptance of the contract work, UDOT may conduct a closing audit of the Consultant. This closeout audit will be performed upon completion of the contract to verify the accuracy of all billings and compliance with the contract provisions.

In the event that a proposing Consultant has failed to pay UDOT monies due to UDOT for over payment on past projects, UDOT has the right to reject and/or disqualify the Consultant's Proposal. Disqualification will be based on audit findings, determinations, and recommendations made by the UDOT Fiscal Audit Division.

16. **Work site Safety:** Utah Code 63G-6a-606 states UDOT may request the Consultant submitting a Proposal to provide information about the Consultant's work site safety program, including any requirement that the person imposes on sub consultants for a work site safety program and any other pertinent information.

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17. **Disposition of Proposals:** Proposals and their content become the property of UDOT and are treated as non-public records until the Contract has been executed by all necessary officials of the Consultant and UDOT. The Proposal of the successful Consultant will be open to public inspection for a period of one year after the Contract has been executed.
18. **Consultant Debriefing:** As part of the Proposal evaluation, UDOT may provide constructive criticism of the Proposals submitted for this project.

Debriefing information may consist of scores of the first-ranked Consultant's proposal/interview and the scores, strengths and weaknesses of the Consultant's own proposal/interview.

The proposal and strengths identified in the selected Consultant's proposal/interview will be available for review in-person at the Consultant Services division, for a period of one year after the Contract has been executed.

Consultants may contact the Contract Administrator for a formal debriefing.

19. **Notice to Proceed (NTP):** NTP will be issued by Consultant Services division after contract execution. Authorization to begin work from any other source is invalid and will result in non-payment for services provided prior to authorized notification to begin work.
20. **Change in Key Personnel During Negotiations or after Notice to Proceed (NTP):** If after entering negotiations with the first-ranked Consultant, the Consultant is unable to provide the Key Personnel (prime or sub-Consultant) identified in the Proposal at the levels determined necessary for the project by the PM, the Consultant will be required to notify the PM and the Consultant Services Contract Administrator. The Consultant will then be offered the opportunity to propose a revised Project Team. The UDOT Selection Team will review the revised Project Team to determine if it is equal to or better than the originally proposed team. If UDOT determines the revised Team is equal to or better than the originally proposed team, negotiations will continue. If UDOT determines the revised team is not equal to or better than the originally proposed team, negotiations will be discontinued and UDOT will move on to the second-ranked Consultant. If the change in Key Personnel is after NTP and UDOT does not approve the change, UDOT reserves the right to cancel the contract and/or reflect the change on the Consultant Project Evaluation.

21. **Protests:** All protests with respect to this Solicitation must be in writing, and will follow the requirements in Utah Code Sections §63G-6a-1602 et seq. Deliver a copy of any protest to:

Executive Director  
Utah Department of Transportation  
4501 South 2700 West, 1<sup>st</sup> Floor  
P O Box 141245  
Salt Lake City, UT 84114-1245

Any protest not set forth in writing within the time limits specified in §63G-6a-1602 is null and void and will not be considered.

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22. **Insurance Certificates:** The Consultant is required to provide UDOT with Certificates of Insurance meeting the current guidelines. Current insurance requirements can be found within the [Consultant Services Manual of Instructions](#) (MOI).
23. **Required Completion and Acceptance Criteria:** Progress payments will be made for work in progress. Final invoice payment will be made after: all of the work has been completed; the final estimate, project records, and documentation have been received and accepted by UDOT as accurate and complete; and a Consultant Evaluation has been performed.
24. **Government Records Access and Management Act (GRAMA):** UDOT will maintain a nonpublic process for the duration of this Solicitation. Pursuant to Subsection §63G-2-305(6) of the GRAMA, all records related to this Solicitation, including, but not limited to Proposals, evaluation, and selection procedures, and any records created during the evaluation and selection process will remain nonpublic records until the Contract has been executed by all necessary officials of the Consultant and UDOT. The GRAMA, Utah Code Ann., §63G-2-101 et seq., provides in part that certain records are protected if properly classified.
25. **For Construction Engineering Management Contracts:** Proof of certifications is not required at this stage and the Consultant will be required to self-certify as per the Contract Terms and Conditions.

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**PART TWO**

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**Solicitation Method and Requirements**  
**Streamlined Solicitation**

1. **Solicitation:** This Solicitation follows the Streamlined Solicitation processes and procedures outlined herein.

UDOT Consultant Services staff facilitates Selection Teams through the ranking and selection of Consultants to provide engineering services for transportation related projects. Consultant selection is a Qualification-Based Selection (QBS) process, where the primary factor in selection is the qualification-based criteria outlined by the Selection Team in Part Three (Project Information and Evaluation Criteria), rather than the cost of engineering services. Cost is a secondary factor after a Consultant is selected and the contract negotiation process begins.

2. **Proposal Deadline:** Submit one (1) electronic PDF file of the Proposal by email to the email address specified and prior to 11:00 AM on the submission date identified in the Selection Schedule in Part Three (Project Information and Evaluation Criteria). Proposals will not be accepted after the 11:00 AM deadline.
3. **Qualification Based Selection:** This is a Qualifications Based Selection (QBS) process based on United States Code (USC) Title 40, Chapter 11, Sections 1101 – 1104 (Selection of Architects and Engineers, otherwise known as The Brooks Act). Consultant fees are not a factor in the ranking of Consultants to provide the requested services.
4. **Consultant Fee Discussion:** Consultant fees are not a factor in the selection ranking of a Consultant to provide services. All price/cost related items which include, but are not limited to past, present or future fees associated with Consultant contracts, direct salaries / wage rates, indirect cost rates, and other direct costs are prohibited from being used in Proposals. Consultant fee discussions are not allowed. Do not include any reference to Consultant fees (past, present, or future) in the Proposal.
5. **Financial Screening:** UDOT requires Consultants to be financially screened at the appropriate level for this Solicitation. The time it takes a Consultant to complete the Financial Screening process varies and therefore UDOT encourages Consultants to submit their [Financial Screening Application and Questionnaire](#) as soon as possible.

Consultants may obtain the Financial Screening Application and Questionnaire from the UDOT website. For questions, contact the Consultant Services Financial Screener at (801)965-4138. A Consultant's Financial Screening status is effective for the period of one year from the time the Consultant is approved.

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6. **Guidelines for Preparing Streamlined Proposals:** These guidelines were developed to standardize the preparation of a Proposal by Consultants for engineering services on a UDOT project. Submitting a Proposal is the beginning of the selection process and is used as the basis for selecting or for short-listing Consultants. The purposes of the guidelines are to ensure consistency in format and content in the Proposals prepared by Consultants and submitted to UDOT. It is highly recommended that Proposals are written and presented to UDOT in a clear and concise format which will not distract from the content of the material presented.

The following table outlines the Proposal instructions and guidelines. Any penalty or disqualification actions are clearly identified in the table. Violations that do not result in a penalty or a disqualification action may still affect the Consultant’s overall Proposal score as part of the evaluation process.

<b>Proposal Instructions and Guidelines</b>		
<b>Instruction</b>	<b>Description of Requirement</b>	<b>Violation Penalty or Disqualification</b>
Page Limits	Provide only the allowable number of pages as identified in Part Three (Project Information and Evaluation Criteria)	Additional pages will be removed
Page Sizes	Provide only the allowable page sizes identified in Part Three (Project Information and Evaluation Criteria)	Pages violating size requirement will be removed
Consultant Proposed Staffing Plan	Provide a copy of the <a href="#">Consultant Proposed Staffing Plan</a> with no additional information beyond that which is required, as identified on the sample form	If additional information is provided, the Staffing Plan will be removed
Margins	Provide one-inch (1”) margins throughout the Proposal; Consultant Name/Logo and Page Headers/Footers may be within the margins	Guideline
Font and Line Spacing	Use a 10-point [or greater] Arial or Times New Roman font	Guideline
E-mail	Do NOT send Proposals directly or indirectly to any known or presumed Solicitation Selection Team members or other UDOT personnel outside of the prescribed UDOT email address	Guideline
PDF Submission	Send Proposals via e-mail in PDF format	Guideline
Proposal Deadline	Send Proposals to <a href="mailto:cssog@utah.gov">cssog@utah.gov</a> prior to the 11:00 AM deadline on the date identified in Part Three (Project Information and Evaluation Criteria)	Disqualification
Interviews	If interviews are required, attend the date and time instructed by Consultant Services	Disqualification

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Fee Discussion	Submit a Proposal without any reference to Consultant fees on this project or any past, present or future project	Disqualification
Cover Page	Provide a complete Cover page, including a signed, verbatim Acknowledgement as identified in Part Three (Project Information and Evaluation Criteria)	Disqualification
UDOT Staff	Provide a team that does not include any current UDOT employees or former UDOT employees who were involved in the development of this Solicitation	Disqualification
Financial Screening	Complete the UDOT financial screening process at the appropriate level, identified in Part Two (Solicitation Method and Requirements)	Disqualification

1. **UDOT Right:** UDOT reserves the right to disqualify a Proposal when the intent of the Solicitation process is violated. UDOT Consultant Services staff may utilize the provision of Utah Procurement Code 63G-6a-114 to determine an error is immaterial.
  
2. **Selection Team:** The Selection Team members will receive copies of each responsive Proposal submitted. They will review and score the Proposals individually based on the evaluation criteria identified in Part Three (Project Information and Evaluation Criteria) and submit their scores and comments to the Contract Administrator. The Contract Administrator will tally and compile the scores and comments.

The Selection Team will then meet to discuss the Proposals and comments from individual Selection Team members and determine whether interviews are necessary or whether the selection may be made based on the averaged scores from the Proposals. Final Proposal score results are the average of voting Selection Team members' scores.

Most Streamlined Solicitation selections will be based on the Proposal scores. However, if the Selection Team determines it is necessary to conduct interviews in order to make a selection, the Selection Team will develop the format of the interviews and provide instructions on the interview format to each Consultant invited to participate.

3. **Selection Interviews:** The Streamlined Solicitation is intended to reduce the level of effort required to compete for and administrate the selection process. Interviews will take place in the event the first place ranking is a tied score for two or more Consultants, or other extenuating circumstances.

If the Selection Team determines interviews are necessary, project-specific topics will be provided to each team that is invited to participate in the interview process. Proposal scores will be carried over and will be weighted at 30% of the final score. The remaining 70% of the final score will be based on the interview.

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4. **Selecting By Consent (SBC):** The SBC process will be used to score the interview. SBC is a scoring process that aids the Selection Team in developing final ranking through a collaborative process. In this process each segment and question of the interview is weighted in advance during the Selection Team Meeting. After the interviews are conducted, the Selection Team scores each segment and question by “consent”. Consent is defined as the willingness of all Selection Team members to accept a decision reached by a collaborative process.
  
5. **Qualitative Assessment Guidelines:** Throughout the scoring process (for Proposals and interviews) the Selection Team will use the following Qualitative Assessment Guidelines when scoring. These guidelines are used to help ensure consistency in scoring.

<b>Qualitative Assessment Guidelines</b>	
<b>9 – 10</b>	The Proposal demonstrates a complete understanding of the subject and qualifications that significantly exceed expectations and the stated requirements. Proposal contains many strengths and minor weaknesses, if any.
<b>6 – 8</b>	The Proposal demonstrates a strong understanding of the subject and qualifications that exceed expectations and the stated requirements. Weaknesses, if any, are minor. Proposal contains strengths that outweigh the weaknesses.
<b>3 – 5</b>	The Proposal demonstrates an adequate understanding of the subject and qualifications that meet expectations and the stated requirements. Proposal contains strengths that are offset by the weaknesses.
<b>1 – 2</b>	The Proposal demonstrates a vague understanding of the subject and qualifications that fall below expectations and the stated requirements. Proposal contains weaknesses that outweigh the strengths.
<b>0</b>	The Proposal is unacceptable. The Proposal fails to meet expectations and the stated requirements. Proposal contains many weaknesses and only minor strengths, if any.

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**PART THREE**

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**Project Information & Evaluation Criteria  
Streamlined Solicitation**

<b>Project Information</b>	
Project Number	F-0085(9) & F-0172(32)7
Project Name	SR-85, MVC; 4100 South to SR201 & SR-172; 5600 W. Railroad Cross
PIN Number	13149 & 14413
Requested Services	Construction Engineering Management
Source of Funding	Federal
<b>Contact Information</b>	
UDOT Contract Administrator	Devon Tonks UDOT Consultant Services Box 148490 4501 South 2700 West Salt Lake City, Utah 84129-5998 dtonks@utah.gov (801) 965-4184
UDOT Project Management	Joe Kammerer Project Manager Utah Department of Transportation
UDOT Project Management	John Montoya Project Manager Utah Department of Transportation Region Two

**Consultant Selection Schedule**

<b>Date</b>	<b>Action</b>
Wednesday, November 07, 2018	Posting of Solicitation on UDOT Consultant Services Project Advertisement website
Monday, November 12, 2018	Deadline to request a one-on-one discussion meeting
Tuesday, November 13, 2018	Appointments to discuss the project
Thursday, November 29, 2018	Proposals are due electronically by 11:00 AM.
Wednesday, December 05, 2018	Selection Team Meeting
Thursday, December 13, 2018	Consultant Selection Interviews (if necessary)
Thursday, December 13, 2018	Consultant Selection
Tuesday, December 18, 2018	Pre-Negotiation Meeting with Selected Consultant

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**Solicitation to cover construction management services for two projects:**

1. Mountain View Corridor Design Build
2. 5600 West; SR-201 to I-80

**1. Mountain View Corridor Design Build**

**Project Description**

This is a large design-build project that spans 3 construction seasons starting in January 2019 and will last approximately until August 2021.

The project constructs a new segment of the Mountain View Corridor from 4100 South to SR-201 with ramps to California Avenue (1400 South) in Salt Lake County. This is a continuation of the MVC Program that has been underway for several years. The project entails construction of Phase 1 of the corridor which includes the outside lanes of the final highway configuration as well as the on/off ramps. The project includes but is not limited to the following elements:

- Construction of MVC northbound and southbound from 4100 South to SR-201 and ramps to California Avenue and approximately seventeen mainline roadway structures, crossing several city and residential roads
- PCCP Paving from 4100 South to California Avenue (1400 South)
- Intersection improvements at 3500 South and 5600 West, and 5600 West and California Avenue.
- Shared use path construction through the limits of the project including four undercrossings.
- Six shared use path structures, crossing SR-201, Riter Canal, residential streets, and arterials
- Reconstruction and widening for the intersection of 3500 South and 5600 West

**Scope of Work**

The Consultant scope is to provide staff augmentation for UDOT and will supplement UDOT and program management staff for the project.

A. Personnel

Field Engineer (2): The Field Engineer (FE) will be responsible for onsite coordination with the Resident Engineer (RE) and the Contractor. The Field Engineer will resolve issues and work with the RE and the Lead Inspector to ensure that the project is constructed per design. The Field Engineer will assist in writing change orders and provide assistance to Level 4 Inspector and inspection staff.

Level 4 Inspector/Structural Inspector (2-3): The Level 4 Inspector will coordinate with the RE/FE, and the UDOT crew to inspect the project per plans and specifications. As a Lead Inspector on the project, they will be responsible for all documentation concerning structures, and all other items of inspection work.

Lab Manager: The consultant will provide a UDOT accredited lab to do all offsite materials testing. The consultant lab will be required to test all the embankment associated with the

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project but may be required to assist in other testing. This includes but is not limited to proctors, bituminous testing, and concrete strength testing. The Lab Manager will be responsible to track and report quantities to ensure that the UDOT minimum sampling and testing is being met from NTP to substantial completion.

Resource Manager: The Resource Manager will be key in managing resources between the Mountain View Corridor project and the 5600 West project. Their job will be to ensure that all work is being inspected and documented according to UDOT Specifications and that UDOT minimum sampling and testing is being met. It is expected that this role will be combined with another role such as Consultant RE, Field Engineer, or Level 4 Inspector.

Level 3 Inspector (1-2): The Level 3 Inspector will assist the Level 4 Inspector with general inspection and documentation of the project. The Level 3 Inspector will coordinate closely with the Level 4 Inspector to ensure that work is being properly inspected, and testing is being completed according to UDOT minimum sampling and testing requirements. (Minimum hours per week: 40 during summer, spring and fall, and 30 during winter)

Additional inspection staff will be required during peak times throughout the project duration. (Anticipate 3-5 Level 1 or Level 2 Inspectors.)

**B. Work Acceptance**

Perform all work under this Contract in accordance with the Standards, Specifications, Manuals of Instruction, Minimum Sampling and Testing, and Policies and Procedures established by UDOT.

**C. General Work Tasks**

Consultant shall provide full construction inspection and engineering services in compliance with UDOT requirements, UDOT Construction Manual of Instruction (MOI) (2018) following the Construction Engineering Management Network.

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**2. 5600 West; SR-201 to I-80**

**Project Description**

5600 West between SR-201 and I-80 will be reconstructed. The current 3 lane asphalt roadway will be replaced with a 5 lane concrete roadway with 12 foot shoulders and a ten foot shared use path.

The project includes a 420 foot bridge to span the current UPRR tracks and two future tracks. A Diverging Diamond Interchange (DDI) will be installed at the I-80 Interchange. The project includes numerous utility relocations including power, water, storm drain, fiber optics as well as many other dry utilities. The project is estimated to start March of 2019 and finish November 2020. This project was done under UDOT's Model Based Design and Construction (MBDC) initiative and is a full MBDC project. The construction budget is approximately \$60 million.

**Project Goals**

- Construct the project within the scope, schedule and budget established
- Refine MBDC processes to be used by the department on future MBDC projects
- Maintain 2 lanes of traffic (one in each direction) during the duration of the project
- Coordinate interface point with Mountain View Corridor project

**Scope of Work**

The Department will provide a Resident Engineer (DRE) to work directly with the consultant staff provided. The consultant scope will include tasks in the Construction Engineering Management Network. This includes but not limited to the details listed below.

A. Personnel

**Resident Engineer:** The Consultant RE (CRE) will schedule all consultant inspectors, testing, manage consultant work and processes and handle day to day operations. The CRE will recommend solutions to the DRE for issues encountered in the field and with the model. The CRE will communicate and coordinate all issues associated with scope, schedule, and budget with the DRE.

**Field Engineer:** A licensed Professional Engineer who has experience with state and federal-aid Construction Engineering oversight and compliance must lead the Consultant Construction Engineering Management Team (CEM). The Field Engineer will be responsible for onsite coordination with the CRE, DRE, and the Contractor. The Field Engineer will resolve issues and work directly with the CRE, DRE and the Lead Inspector to ensure that the project is constructed per design, and per specifications. The Field Engineer will write all change orders and provide assistance to Level 4 inspector and inspection staff.

**Lead Structural Inspector IV:** A lead inspector with a minimum of 10 years of inspection experience on complex structures. Experience with structures over or under rail lines are a plus. Must show proficiency with MBDC.

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MBDC Specialist: This staff member can be an engineer or non-engineer. They will be proficient in the use of models for construction, creation of models, experience with the use of rovers and updating of models for as-builts. They will serve as a resource for consultant inspectors and Department personnel.

Lab Manager: The consultant will provide a UDOT accredited lab to do all offsite materials testing. The consultant lab will be required to test all the material associated with the project. This includes but is not limited to proctors, bituminous testing, and concrete strength testing. The Lab Manager will be responsible to track and report quantities to ensure that the UDOT minimum sampling and testing is being met from NTP to substantial completion.

Office Manager: The consultant will provide UDOT with project accounting and documentation that will be done according to UDOT Policy and Procedures, and Manuals of Instruction. Forms and guidelines are contained in UDOT Construction Manual of Instruction. The Consultant will keep all notations as described in the UDOT Construction and Inspection Manuals of instruction. Daily reports, survey checks, and pay quantities will be documented daily in UDOT's Masterworks system. Pay quantities will be measured and entered into Masterworks daily. The Office Manager will be responsible for all items associated with a federal aid project including but not limited to: EEO, bulletin board inspection as well as forms C136, C141, 1391, and certified payroll compliance.

The Consultant shall furnish the computers and any other equipment needed to meet the contract requirements. As needed, the consultant shall enter all project documentation into the UDOT ProjectWise system using the latest folder structure and naming conventions. Consultant will be in charge of all office duties from NTP to Project Closeout.

CEM Inspection Staff: (Anticipate 3-6) The CEM inspection staff will be as deemed necessary by the successful consultant, in accordance with UDOT testing and inspection practices and as coordinated with the DRE and UDOT PM. The CEM inspection team members will be experienced or have professional certification in their area of oversight responsibility (surveying, inspection and material testing). The CEM staff with coordination with the DRE and UDOT PM for determining the appropriate amount of CEM inspection staff required to staff the project and accomplish project goals.

**B. Work Acceptance**

Perform all work under this Contract in accordance with the Standards, Specifications, Manuals of Instruction, Minimum Sampling and Testing, and Policies and Procedures established by UDOT.

**C. General Work Tasks**

Consultant shall provide full construction inspection and engineering services in compliance with UDOT requirements, UDOT Construction Manual of Instruction (MOI) (2018) following the Construction Engineering Management Network.

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1. **Contract Completion:** Approximately **36 (MVC) & 24 (5600 W.)** months from Notice to Proceed.
2. **Required Percentage of Work for Prime Consultant:** The Consultant must perform work valued at not less than **30%** of the total work, excluding specialized services, with its own staff for each of the two projects advertised under this solicitation. Specialized services are those services or items that are not usually furnished by a Consultant performing the particular type of service requested in the outlined Scope of Work.
3. **Conflict of Interest:** UDOT has determined there is an appearance of a Conflict of Interest when a Consultant performs both design and construction engineering management on the same project. Refer to Section 4: Conflict of Interest of the [Consultant Services MOI](#) for specifics.
4. **Proposal Organization:**

**Technical PDF**

- Cover Page
- Project Team
- Capability of the Firm(s)
- Approach to the Project
- Consultant Proposed Staffing Plan
- Form BC (Business Confidentiality), if applicable

5. **Proposal Section Requirements:**

**Cover Page:** The Cover Page is one page. It may be on the Prime Consultant's letterhead and will consist of the following with no additional information:

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Cover Page	
Date	
PIN No., Project Name and Description	
Prime Consultant	
Prime Consultant's Federal ID#	
Sub-Consultants (if any)	
Primary Contact	
Primary Contact Name (Prime)	
Address	
City, State, Zip	
Email	
Office Phone	
Cell Phone	
Secondary Contact	
Secondary Contact Name (Prime)	
Address	
City, State, Zip	
Email	
Office Phone	
Cell Phone	
Acknowledgement	
<p><i>I understand the acceptance and completion criteria, submittal, financial screening requirements, contract selection types and contract caps. My firm will comply with all state and federal contracting requirements applicable to the project. I understand UDOT policies, procedures and processes may change during the duration of the project and will comply with any changes required by UDOT. I have fully and accurately disclosed any debarment, license issues, and/or investigations being performed by any governmental entity. Employees listed on the staffing plan are current bona fide employees of the Consultant. As authorized to sign for my organization, I certify the content of this proposal to be true, accurate and all matters fully disclosed as requested in the Solicitation. I understand any misrepresentations or failure to disclose matters in the proposal is immediate grounds for disqualification.</i></p>	
Signature	
Name	
Title	

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The information is not required to be in this exact format, as long as each item of requested information is presented, with no additional information. Proposals will be considered non-responsive and will be disqualified if the Cover Page is not attached to the Proposal; if the Acknowledgement is not included on the Cover Page; and/or if there is additional information included on the Cover Page.

No evaluation points are assigned to this section and the Cover Page will not count as one of the allowed pages.

<b>Project Team:</b> The Selection Team will evaluate how well the qualifications and experience of the proposed project team members relate to the specific project. The Selection Team will score Proposals based upon the following criteria:	
% of Section Total	Project Team Section Criteria
30	Project Team organizational charts including sub-Consultants (see sample <a href="#">Project Team Organizational Chart</a> available on the UDOT website) for both projects and how communication will take place among them. Identify Consultants and individuals that will be providing key services on the project (including all technical expertise necessary to perform the outlined Scope of Work).
50	Describe the qualifications, experience, and availability of Key Personnel on your proposed project team. Correlate the qualifications and past experience with the Contract Goals and the outlined Scope of Work.
20	Provide a table of projects <b>completed</b> by team members during the last ten years. The table headings should include the following items. (See sample <a href="#">Project Related Experience Chart</a> available on the UDOT website). Columns may be combined in order to consolidate information. <ul style="list-style-type: none"> <li>- Name of Project Manager / Team member(s)</li> <li>- Year</li> <li>- Type of Project</li> <li>- Project Name</li> <li>- Project Location</li> <li>- Project Description</li> <li>- Services Performed / Specific Project Role</li> <li>- Client</li> <li>- Reference Contact and Telephone Number</li> </ul>
<b>40</b>	<b>Maximum points available for this section of the Proposal (out of 100).</b>

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**Capability of the Firm(s):** The Selection Team will evaluate the Firm(s) capability to perform the work. The Selection Team will score Proposals based upon the following criteria:

% of Section Total	Capability of the Firm(s) Section Criteria
50	Describe your project team firms' capability, experience and unique qualifications to perform the specific type of work identified in the Scope of Work.
30	Discuss the logistics relating to how the project team firms' will provide the services requested.
20	Choose a similar project identified in the Project Team section and discuss in detail what your project team firms' did to make that project a success.
<b>20</b>	<b>Maximum points available for this section of the Proposal (out of 100).</b>

**Approach to the Project:** The Selection Team will evaluate how well you have planned a basic course of action, what alternatives and/or preliminary approaches are proposed, and what provisions are identified for dealing with potential impacts. The Selection Team will score Proposals based upon the following criteria:

% of Section Total	Approach to the Project Section Criteria
30	Describe the course of action proposed to meet the Contract Goals and Scope of Work. Be realistic, clear and concise.
30	Describe your project team's project control procedures. (Cost, Quality, and Schedule)
25	Discuss your flexibility to work with the contractor's schedule and assist in completing the project without delay.
15	Discuss your project team firms' partnering efforts and how you plan to work together for a successful project.
<b>40</b>	<b>Maximum points available for this section of the Proposal (out of 100).</b>

**A maximum total of 100 points is available for the Technical Proposal.**

- 6. Consultant Proposed Staffing Plan:** The Consultant is expected to provide a [Consultant Proposed Staffing Plan](#). Consultants are not required to use this example form, as long as all necessary information is included. The Staffing Plan must identify the certification and education levels of the individuals proposed for use on the contract, including sub-Consultants' personnel. When Consultants list personnel on the Proposed Staffing Plan, the Consultant is agreeing to make the personnel available to complete the services in the contract at whatever level the project requires.

The Consultant Proposed Staffing Plan must be included in the Proposal, but will not count as one of the allowed pages. No other information is allowed on these pages. If additional information is provided, the Staffing Plan will be removed. No evaluation points are assigned to this section.

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7. **Claim of Business Confidentiality:** The GRAMA, Utah Code Ann., §63G-2-101 et seq., provides in part that certain records are protected if properly classified. Consultants are responsible for determining which information, if any, they wish to be protected under a Claim of Business Confidentiality, and are responsible for taking appropriate action to do so. An entire Proposal may not be protected under a Claim of Business Confidentiality. To protect information under a Claim of Business Confidentiality, the Consultant must, at the time the information is provided to UDOT, include a [Form BC - Claim of Business Confidentiality](#). It is the responsibility of the Consultant to complete Form BC in accordance with Subsection §63G-2-309 and submit to UDOT as an attachment to the Proposal. If nothing in the Proposal is being protected under a Claim of Business Confidentiality, a Form BC is not required.
8. **Five (5) Page Maximum:** Pages exceeding the maximum limit will be removed from the Proposal prior to distribution to the Selection Team. The Cover Page, Consultant Proposed Staffing Plan and Form BC (if applicable) do not count towards the page maximum.

A page is defined as a single-sided 8.5" x 11" sized page that contains text, pictures, tables, graphs, charts, plan sheets, or any other graphics. There is a maximum of (2) 11" x 17" page allowed as part of the page maximum.

Do not include a reference or link to additional information. If Proposals contain references or links, UDOT Consultant Services will remove them from the Proposal.

9. **UDOT Reference Items:**

- UDOT CADD use and information is available online from the UDOT website at [www.udot.utah.gov/go/ETS](http://www.udot.utah.gov/go/ETS).
- UDOT Construction Manual of Instruction is available online at the UDOT website [www.udot.utah.gov/go/Manuals](http://www.udot.utah.gov/go/Manuals).
- UDOT Consultant Services Manual of Instruction is available online at the UDOT website [www.udot.utah.gov/go/CSManuals](http://www.udot.utah.gov/go/CSManuals).
- UDOT Drainage Manual of Instruction is available online from the UDOT website at [www.udot.utah.gov/go/Manuals](http://www.udot.utah.gov/go/Manuals).
- UDOT Environmental Process Manual of Instruction is available online from the UDOT website at [www.udot.utah.gov/go/Manuals](http://www.udot.utah.gov/go/Manuals).
- Other UDOT manuals are available online from the UDOT website at [www.udot.utah.gov/go/Manuals](http://www.udot.utah.gov/go/Manuals).
- UDOT Project Delivery Networks is available online from the UDOT website at [www.udot.utah.gov/go/ProjectManagement](http://www.udot.utah.gov/go/ProjectManagement).

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- UDOT ProjectWise use and information is available online from the UDOT website at [www.udot.utah.gov/go/ETS](http://www.udot.utah.gov/go/ETS).
- UDOT Reference Material is available online from the UDOT website at [www.udot.utah.gov/go/StandardsReferences](http://www.udot.utah.gov/go/StandardsReferences).
- UDOT Right of Way Design and Operations Manuals are available online from the UDOT website at [www.udot.utah.gov/go/Manuals](http://www.udot.utah.gov/go/Manuals).
- UDOT Roadway Design Manual of Instruction is available online from the UDOT website at [www.udot.utah.gov/go/Manuals](http://www.udot.utah.gov/go/Manuals).
- UDOT Standards are available online from the UDOT website at [www.udot.utah.gov/go/2017Standards](http://www.udot.utah.gov/go/2017Standards).
- UDOT 2016 Strategic Direction & Performance Measures are available online from the UDOT website at [www.udot.utah.gov/go/StrategicDirection](http://www.udot.utah.gov/go/StrategicDirection).
- UDOT Structures Design and Detailing Manual and the Bridge Management Manual are available online from the UDOT website at [www.udot.utah.gov/go/STRManuals](http://www.udot.utah.gov/go/STRManuals)).
- UDOT Traffic and Safety Highway Sign Policies and Manuals are available online from the UDOT website at [www.udot.utah.gov/go/HighwaySignPolicy](http://www.udot.utah.gov/go/HighwaySignPolicy).
- State of Utah Web Standards and Guidelines are available online from the website at <http://www.utahta.wikispaces.net/Application+Architecture>.