

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

# REQUEST FOR QUALIFICATIONS

## RFQ 105-23-015

Project Specifications and Instructions  
for Submitting a Statement of Qualifications

# Henderson Interchange Design-Build

Clark County

Due: May 25, 2023  
No later than 12:00 P.M., Local Time

Addendum 1: Issued April 11, 2023  
Addendum 2: Issued April 20, 2023



Tracy Larkin Thomason, PE, Director  
Department of Transportation

***The Proposer is to be aware, during the RFQ stage, that the selected Design-Builder will be required to use Aimsun Next software as the traffic analysis tool for the Project. The Design-Builder shall use the Department's Aimsun Next subarea model, provided with the RFPs requested by the Proposer during the RFQ stage, as the basis for its development of an Aimsun Next model to support the design development process. Proposers should send a request to [agreeservices@dot.nv.gov](mailto:agreeservices@dot.nv.gov) to receive an ftp link to access the files.***

***Note: While it does not expect to, the Department reserves the right to update and re-release the Aimsun model with the RFP.***

## 1.5 Project Description

The Project will reconstruct the Henderson Interchange and local roadway connections to increase traffic capacity and reduce travel delays to satisfy the EA's purpose and need and accommodate 2040 traffic projections. The Project work will primarily be in the vicinity of the interchange of Interstate 11 (I-11), Interstate 215 (I-215), Lake Mead Parkway (SR 564), and the surrounding freeway ramps. ~~The includes the following major components of Work:~~

- ~~A) Crossover style interchange for the east west highway directions.~~
- ~~B) Travel between I-215 and Auto Show Drive using braided ramps.~~
- ~~C) Reconnection of travel from Lake Mead Parkway to Gibson Road using braided ramps.~~
- ~~D) Ability to accommodate a future lane in each direction between I-215 and I-11, either as general purpose or HOV lanes.~~
- ~~E) Addition of auxiliary lanes on I-11 between Horizon Drive and the system interchange.~~
- ~~F) Widening of Lake Mead Parkway to four through lanes in each direction from Eastgate Road/Fiesta Henderson Boulevard to Van Wagenen Street.~~

An EA has been completed for the Project, and the EA and the FONSI are available on the Website.

## 1.6 Project Schedule

The anticipated time of Contract award is the Spring of 2024. The actual completion date will be determined by the Design-Builder and submitted as part of its Proposal. Section 2.2 provides an overview of the anticipated procurement schedule. Further details regarding the procurement and project schedule and requirements for Project completion will be set forth in the RFP.

## 1.7 Project Status

The following items summarize the status of certain activities currently being performed by the Department in anticipation of this procurement:

- A) Survey: Control surveys will be available in electronic format as part of the RIDs for the RFP.
- B) Preliminary Engineering: Preliminary horizontal alignments and roadway profiles have been established for the Project elements described above. Electronic files of the preliminary design alignments (in PDF format) are available in electronic format on the Website, and the forthcoming Reference Design will be made available as requested by the Proposer during this RFQ phase, but may be updated and re-released as part of the

RIDs for the RFP. [Proposers should send a request to agreeservices@dot.nv.gov to receive an ftp link to access the files.](mailto:agreeservices@dot.nv.gov)

- C) Environmental: The Department has completed environmental documentation for the Project as described in Section 1.5 and information is provided on the Website.
- D) Geotechnical: An initial data report is being prepared within the Project area. This report will be made available as part of the RIDs with the RFP.
- E) Utilities: Potential utility conflicts associated with the preliminary design are being identified, and utility owners are being informed of these issues. Utility adjustments will be necessary to accommodate the Project and resolve physical conflicts between the utilities and the Project or the incompatibility between the Project design and the utilities based on the requirements of the applicable adjustment standards and laws. The Department will provide a full summary of utility owner coordination and exhibits for potential impacts. Preliminary design(s) by the impacted utility companies will be made available (as each is advanced and available) as part of the RIDs for the RFP.
- F) Right-of-Way: The Department is engaged in right-of-way acquisition activities for the Project. All agreements, easements, rights-of-entry, and other instruments under which the Department has received title, rights-of-entry, or rights-of-access on and to lands owned by others will be set forth in the RFP. The Project right-of-way access dates and constraints will be provided in the RFP.
- G) Landscape and Aesthetic Requirements: The Department will provide landscape and aesthetic requirements in the RFP in order to set the design parameters.
- H) Intelligent Transportation Systems (ITS): The Project includes procurement and installation of the standard ITS infrastructure required for the Project (as detailed in the RFP).

## 1.8 Contract Type

The Contract will be a fixed price, lump sum with maximum payment curve, Design-Build Contract for the Work presented in the RFP as memorialized in the Contract.

## 1.9 Payment and Liquidated and/or General Damages

The Contract will provide for fixed periodic payments with a two and half percent (2.5%) retention. The final retention amount will be paid upon final acceptance and close out of the Project. The form of retention will be specified in the RFP.

The Contract may provide disincentives relating to Substantial Completion of the Project. The Contract will provide for general damages and other damages relating to specific Project criteria developed in the Contract and from each Design-Build Proposal, their implementation, and any failures thereof.

## 1.10 Governing Law

The laws of the State will govern the RFQ, RFP, and Contract.