

NEVADA DEPARTMENT OF TRANSPORTATION

VENDOR BULLETIN

December 12, 2017

The Nevada Department of Transportation (Department) is soliciting information from qualified Service Providers.

Upon release of the Request for Information, contact with Department personnel, other than Agreement Services, regarding these services is expressly prohibited. Agreement Services can be reached at agreeservices@dot.nv.gov.

Issuance of this RFI shall in no way constitute a commitment by the DEPARTMENT to issue a Request for Proposal (RFP) or execute an agreement. The DEPARTMENT reserves the right to reject any or all submittals received in response to this RFI, or to cancel this RFI if it is deemed in the best interest of the State to do so.

If you wish to subscribe to this vendor bulletin, register as a vendor, review current/past procurements, or login to the vendor portal you may do so by going to [Vendor Opportunities](#).

REQUEST FOR INFORMATION ADVERTISED FOR SUBMITTALS

[REQUEST FOR INFORMATION \(RFI\) #584-17-067 – Creation of a Right-of-Way GIS Dataset](#)

DESCRIPTION OF WORK: The Department is seeking information for the purpose of creating a Right-of-Way dataset in an ESRI Geodatabase. A right-of-way layer has been identified as one of the primary and critical data sets required for a fully-functional Transportation Geographic Information System. There is an immediate need to properly track and maintain the land areas in which the Department has a vested interest by mapping right-of-way boundaries using GIS technologies.

Vendors should recommend a solution based on the minimum criteria outlined in the RFI. In addition, vendors may include letters of interest and technical submittals that identify, at a minimum, the company and contact person, product/services offered, experience and qualification of the firm, and include sales brochures and catalogs, technical data sheets, list price schedules and references.

Following are the questions received from potential proposers, as well as the responses provided by the Nevada Department of Transportation:

QUESTION 1:

I was wondering what kind of funding was expected for this project?

ANSWER 1:

Funding sources and amount can't be determined at this time.

QUESTION 2:

I understand that the Right-of-Way Division was tasked with verifying and indexing all of the state's right-of-way boundaries a few years ago. Was this done in-house or was this handled by a contract with a vendor? If it was handled by a vendor would it be possible to obtain a copy of that contract?

ANSWER 2:

Indexing of the state's right-of-way was done in-house during 2012 – 2013.

QUESTION 3:

What content is NDOT seeking in “Section 7 – Project Questions”?

ANSWER 3:

Section 7 - Project Questions comes from Section 1.6 Response Format and is for the vendors to ask questions regarding the project. Section 7 additionally allows the vendor a place to explain assumptions used in preparing their response.

QUESTION 4:

What specific content is NDOT seeking in the Concept of Operations section?

ANSWER 4:

Concept of Operations is covered in Section 3.0 of the RFI. The RFI is non-restrictive regarding concept.

QUESTION 5:

With respect to the PDF maps, what is the range of each page’s (or section’s) geographic extent and approximately how many pdf files are there?

ANSWER 5:

Geographic extent varies, considerably. The RWSS AX file management system contains approximately 202,800 files (mixed pdfs & tiffs).

QUESTION 6:

Can NDOT provide examples covering the range of variation in the PDF pages currently used by the Right of Way Services Section?

ANSWER 6:

Yes. Examples will be provided by **December 15, 2017**.

QUESTION 7:

For the optional survey-grade right-of-way layer, does NDOT anticipate the need for a licensed surveyor to seal related information and plans? Or, is NDOT simply looking for survey level accuracy specifications without the need for a surveyor seal?

ANSWER 7:

No. The optional survey-grade right-of-way layer will be created from existing NDOT RWSS produced data. The Manager II of RWSS is a Professional Land Surveyor (PLS).

QUESTION 8:

In Section 3.1.a. the RFI states that existing “digital and paper sources” will be used. What portion of available documents are available in digital format, and are the three right-of-way types (fee simple, prescriptive, and easement) already defined for all roadways?

ANSWER 8:

Estimate 95% electronic records coverage. That includes pdfs, tiffs and CADD (MicroStation) files. The three right-of-way types are already defined for almost all roadways.

QUESTION 9:

It is our understanding that NDOT maintains a shapefile for all road centerlines that they own and maintain. Would NDOT be able to confirm that there are a total of 6,529 miles of roadway (1,536 urban miles, 4,993 rural miles), assuming urban is defined as any portion of roadway that falls within corporate limits, not necessarily an urban area?

ANSWER 9:

No there are not 6,529 miles of roadway. There are about 5,400 or so and we break them up and capture the mileage based on Urban and Rural Classifications as defined by FHWA, using urban boundaries etc. We maintain the files for roadway centerlines.

QUESTION 10:

What is the anticipated budget for the resource grade vs. the survey grade right-of-way?

ANSWER 10:

Per the RFI, "Project budget will be constructed based on responses." That is an internal NDOT item and funding sources can't be determined at this time.

QUESTION 11:

What level of accuracy is acceptable for the resource grade right-of-way?

ANSWER 11:

Survey Grade is determined by statute and standards of practice. Survey Grade sets the upper limit of Resource Grade. The lower limit of Resource Grade (the upper limit of Reference Grade) has not been determined.

QUESTION 12:

For the response format criteria listed in Section 1.6 (page 5), would NDOT consider providing more details on the content you would like to see in each section?

ANSWER 12:

Content is specifically left to the vendor to determine.

QUESTION 13:

In Section 1.6, Response Format (page 5), what type of content would you like to see in Section 7 ("Project Questions") of our RFI?

ANSWER 13:

Section 7 - Project Questions comes from Section 1.6 Response Format and is for the vendors to ask questions regarding the project. Section 7 additionally allows the vendor a place to explain assumptions used in preparing their response.

QUESTION 14:

Is there a total page limit for the RFI submittal?

ANSWER 14:

No.

QUESTION 15:

It is assumed that the ROW GIS Dataset is only for state maintained roads. Can NDOT verify?

ANSWER 15:

Generally speaking, NDOT only has the records of NDOT property rights.

QUESTION 16: Does NDOT have full coverage of ROW information readily available in electronic records for all state maintained roads?

ANSWER 16:

No. Estimate 95% electronic records coverage. That includes pdfs, tiffs and CADD (MicroStation) files.

QUESTION 17:

Are the source documents available for use in this effort?

ANSWER 17:

Source documents are held by the NDOT Records Management Division and by RWSS.

QUESTION 18:

What is the map format as referred to in section 2.1? “The information was translated into a map format by comparing and compiling map, deed, and agreement data within the Department’s historical Document Management System – Application Extender (AX) and Integrated Right-of-Way Information Network (IRWIN).”

ANSWER 18:

Pdfs highlighted as fee or easement, with notations regarding prescriptive rights.

QUESTION 19:

What is the source of the electronic maps described in section 2.1? “Staff in the Right-of-Way Survey Services Section use a variety of information including paper maps, electronic maps and other property information or documentation to fulfill the different types of requests received from users.”

ANSWER 19:

Hard-copy and electronic (CADD) files.

QUESTION 20:

Can NDOT provide information about the quantity/amount of ROW records that exist by type (Fee Simple, Prescriptive, Easement)?

ANSWER 20:

No. That data is incomplete.

QUESTION 21:

Can NDOT provide information about the quality of ROW records that exist by type (Fee Simple, Prescriptive, Easement)?

ANSWER 21:

All document types range from poor to excellent.

QUESTION 22:

Can NDOT provide examples of different ROW records (Fee Simple, Prescriptive, Easement)?

ANSWER 22:

Yes. Examples will be provided by **December 15, 2017**.

QUESTION 23:

How old are the ROWs and what is the average age?

ANSWER 23:

1917-2017, no average age available.

QUESTION 24:

Does NDOT envision a Desktop or Web solution (as long as the solution writes back to a ESRI Enterprise Geodatabase)?

ANSWER 24:

Both.

QUESTION 25:

Can NDOT define Resource-grade right of way dataset?

ANSWER 25:

This definition is not available at this time as it will be made early in the development of this project.

QUESTION 26:

Can NDOT define Survey-grade right of way dataset?

ANSWER 26:

This definition is not available at this time as it will be made early in the development of this project.

QUESTION 27:

What is the estimated total length of ROW that need mapping?

ANSWER 27:

Public roads (2014)	4,177,073 miles
Public road lanes (2014)	8,766,049 lane miles

QUESTION 28:

What is the timeline for completion of mapping all the ROW?

ANSWER 28:

There is no timeline. Mapping, from the RWSS perspective, is ongoing.

QUESTION 29:

What percent of roadway ROW data exist in paper records versus digital format (MicroStation/GIS)

ANSWER 29:

This information is not available.

QUESTION 30:

Does the Right-of-Way Division anticipate providing NDOT staff services (man hours) on support of this project, and to what extent?

ANSWER 30:

Yes. Exact NDOT support is yet to be determined.

QUESTION 31:

Do you expect the work to be performed, all or in part, at NDOT headquarters?

ANSWER 31:

In part. The vendor will accomplish their tasks at their office. RWSS will accomplish our tasks at NDOT's office(s).

Please refer to the RFI for the complete submission criteria and response format.

SUBMISSION DUE DATE: January 2, 2018, 11:00 a.m. PT

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Nevada Department of Transportation