



AGENDA

Per Governor Sisolak's March 22, 2020 emergency directive, as extended, in-person public attendance is no longer required at the Regular Meeting of the Nevada Department of Transportation Board of Directors meeting on Monday, February 8, 2021 at 9:30 A.M. Governor Sisolak's March 22, 2020 emergency directive, as extended, suspends the requirement that there must be a physical location designated for meetings of a public body where members of the public are permitted to attend and participate in-person so long as participation is available.

The following are alternative ways for the public to participate in the February 8, 2021 meeting without having to be physically present:

- use NDOT's online: [Public Comment Form](#)
- email: PublicComment@dot.nv.gov

Public Comment received by 4:00 P.M. (Pacific Time) on the business day (excluding State holidays) prior to the meeting will be provided to the Board for their review prior to the meeting and will be entered into the permanent record.

Public Comment received after 4:00 P.M. (Pacific Time) on the business day (excluding State holidays) prior to the meeting and prior to 5:00 P.M. (Pacific Time) on the day of the meeting will be included in the permanent record.

To be in compliance with the three (3) minute public comment rule, e-mail or on-line Public Comment Form comments will be limited to 450 words.

- phone: a.) dial: +1 (888) 240-2560 (US Toll Free)
b.) enter the Meeting ID: 721627755 followed by #
c.) enter the Passcode: 4369 followed by #

To provide public comment live via phone, please dial the information above between 9:05 A.M. and 9:15 A.M. on the day of the meeting. The meeting technician will unmute your call, ask your name, and confirm which public comment period you would like to provide comment. Your microphone will remain muted until the meeting technician calls upon you during the public comment period. Public comment is limited to 3 minutes in duration. After you provide comment, you may simply hang up the phone to disconnect the call and leave the meeting.

If you decide to make public comment while the meeting is in process, please dial the telephone number and Meeting ID and Passcode listed above. The meeting technician will call upon you



during the second comment period by the last 4 digits of your phone number, assuming it is displayed.

Please note, the phone is a live feed into the meeting. If you are simultaneously watching the meeting online while on the phone, there is a significant delay between the two. Please be sure to listen on the phone for your opportunity to comment. Also, to avoid audio feedback, it is important that the volume is turned down on your web device (PC, tablet smartphone) to avoid audio feedback. If undesired noise is heard, you may be muted or disconnected from the meeting.

The Transportation Board of Director's Meeting will be live-streamed on-line at www.nevadadot.com.

1. Welcome / Call to Order/ Roll Call
Governor Steve Sisolak, Lieutenant Governor Kate Marshall, Controller Catherine Byrne, Virginia Valentine, Justin Kalb, Stephen Ascuaga
2. Public Comment—The first public comment is limited to comments on items on the agenda. No action may be taken upon a matter raised under public comment period unless the matter itself has been specifically included on an agenda as an action item. The Chair of the Board will impose a time limit of three (3) minutes.
3. Consideration of Appointment of a Secretary to the Transportation Board of Directors pursuant to NRS 408.121.—*For possible action.*
4. Consideration of Approval of the January 11, 2021 Nevada Department of Transportation Board of Directors Meeting Minutes.—*For possible action.*
5. Receive Director's Report.—*Informational item only.*
6. Consideration of Approval of Contracts over \$5,000,000—*For possible action.*
7. Consideration of Approval of Agreements over \$300,000—*For possible action.*
8. Contracts, Agreements, and Settlements—Pursuant to NRS 408.131 the Board may delegate authority to the Director which the Director may exercise pursuant to NRS 408.205. These items and matters have been delegated to the Director by the Board by resolutions in April 1990 and July 2011.—*Informational item only.*
9. Public Comment—This public comment period is for any matter that is within the jurisdiction of the public body. No action may be taken upon a matter raised under public comment period unless the matter itself has been specifically included on an agenda as an action item. The Chair of the Board will impose a time limit of three (3) minutes.
10. Executive Session —Receive information from legal counsel regarding potential and existing litigation involving a matter over which the Transportation Board of Directors has



supervision, control, jurisdiction, or advisory power and to deliberate toward a decision on the matter (Note: This item may be closed to the publi14c pursuant to NRS 241.015(3)(b)(2) in order to discuss legal matters.)—*For possible action.*

11. Adjournment—*For possible action.*

NOTES:

- Items on the agenda may be taken out of order.
- The Board may combine two or more agenda items for consideration.
- The Board may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.
- The Board will limit on-line or e-mail public comments to 450 words per e-mail or the on-line Public Comment Form, and may place other reasonable restrictions on the time, place, and manner of the public comments based upon viewpoint.
- Reasonable efforts will be made to assist and accommodate physically handicapped persons desiring to view the meeting. If special arrangements for viewing the meeting are necessary, please notify Renee Jacobs at (775) 888-7440 or rjacobs@dot.nv.gov as soon as possible and at least two (2) days in advance of the meeting.
- Copies of non-confidential supporting materials provided to the Board are available on-line at www.nevadadot.com.

Due to the State of Nevada, Emergency Declaration, Directive 006, this meeting will be available to be viewed by the public via online streaming.

This meeting has been properly noticed and posted at the following locations in accordance with the State of Nevada Executive Department Declaration of Emergency Directive 006.

This agenda was posted at the following:

<https://www.nevadadot.com/doing-business/public-involvement-information>

Nevada Public Notice Website <https://notice.nv.gov/>



1263 South Stewart Street
Carson City, NV 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

January 27, 2021

TO: Department of Transportation Board of Directors

FROM: Kristina Swallow, P.E., Director

SUBJECT: February 8, 2021 | Transportation Board of Directors Meeting

ITEM #3: Consideration of Appointment of an Interim Secretary to the Transportation Board of Directors pursuant to NRS 408.121.— *For possible action.*

Summary:

The purpose of this agenda item is to recommend that the State Transportation Board of Directors appoint Acting Deputy Director Jeff Lerud to serve as interim Secretary of the Transportation Board of Directors until the vacant Deputy Director position is filled.

Background:

Pursuant to NRS 408.121, "The Board shall appoint a Secretary from within the Department" whose duties are provided in that statute.

Analysis:

It has been customary to appoint a Deputy Director as the Secretary of the Transportation Board. Per the statute, this action is being taken in accordance with NRS 408.121 to provide an interim Secretary until the vacant Deputy Director position is filled.

List of Attachment(s):

None.

Recommendation for Board Action:

It is recommended that the Board appoint Acting Deputy Director Jeff Lerud to serve as interim Secretary of the Transportation Board of Directors.

Prepared by:

Renee Jacobs, Executive Assistant



Nevada Department of Transportation

Board of Directors • Meeting Minutes

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Meeting Location: Live streamed via Blue Jeans in accordance with Governor Sisolak's March 22, 2020 emergency directive which suspends the requirements that there must be a physical location designated for meetings of public body where members of the public are permitted to attend and participate in-person so long as participation is available.

1. Welcome/Call to Order/Roll Call

Governor Sisolak called the meeting to order on Monday, January 11, 2021. A roll call was conducted, and a quorum was established.

Present: Governor Steve Sisolak, Lt. Governor Kate Marshall, Controller Catherine Byrne, Member Virginia Valentine, Member Justin Kalb, Member Stephen Ascuaga.

2. Public Comment #1

There were no public comments regarding items on the agenda.

3. Consideration of Annual Appointment of a Vice Chair to the Transportation Board of Directors pursuant to NRS 408.016(4). (For Possible Action)

Motion: Appoint Lieutenant Governor Kate Marshall as Vice Chair to the Transportation Board of Directors
By: Controller Catherine Byrne
Vote: Passed unanimously



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4. Consideration of Approval of the December 14, 2020 Nevada Department of Transportation Board of Directors Meeting Minutes. (For possible action.)

There were no corrections or changes in the Minutes.

Motion: Approve the December 14, 2020 Nevada Department of Transportation Board of Directors Meeting Minutes

By: Member Stephen Ascuaga

Vote: Passed unanimously

5. Receive Director's Report (Informational Item)

Director Swallow began the director's report with a discussion of safety. Director Swallow informed the Board that 2020 was a deadly year on Nevada roadways with statewide fatalities increasing by 3 percent over 2019, including a 20-percent increase in unrestrained motorist fatalities and an 18-percent increase in pedestrian fatalities. Director Swallow updated the Board on an incident with a bicyclist brought to the Board's attention at the previous meeting. At the time, it was not believed to have happened due to impairment. Subsequently, NDOT learned that the driver of the truck that hit the cyclist had been impaired and has since been arrested for DUI. Director Swallow informed the Board of an accident on December 30th at Fort Apache and Furnace Gulch Avenue in Southwest Las Vegas where a Dodge Charger struck a Hyundai Accent. Investigators believe the 19-year-old driver of the Dodge Charger was speeding and also showed signs of impairment at the scene. The driver was arrested on suspicion of DUI. The driver of the Hyundai was initially taken to Spring Valley Hospital and later died while being transferred to Sunrise Hospital. Director Swallow offered NDOT's condolences to all families who lost loved ones in 2020.

Director Swallow next reported on the adjustment and impact of the state's vehicle traffic during the COVID pandemic, which directly impacts funding. Director Swallow reported to the Board that traffic along I-15 from Los Angeles to Las Vegas did not experience the usual spikes in visitor traffic during the holiday season in December. Traffic was down on I-15, east of Las Vegas, but to a lesser extent. Director Swallow further indicated that traffic at Primm was down over 19 percent and down 31 percent on US-50 at the south shore of Lake Tahoe for the month of December. Traffic on I-80 near Elko, however, was up four-and-a-half percent compared with the estimated monthly average from December 2019. Truck traffic on I-80 averaged at or above 2019 levels in many locations.



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Director Swallow discussed the \$2.3 trillion COVID-19 relief funding bill and the support NDOT received as a result of these funds. Director Swallow informed the Board that state DOTs nationwide will receive \$10 billion in emergency relief aid specifically to address a shortage of state highway funds due to the reduction in travel during the pandemic. The precise amount allocated to NDOT has not yet been determined, but the funds will be used to prop up necessary projects that were deferred, had funding cut as a result of decreased revenue, or would have funding cut in the coming year because of decreased revenue. Director Swallow indicated that early estimates indicate that Nevada will receive approximately \$90 million, 20 to 25 percent of which will be sub-allocated to the state's large urban areas, with the majority going to southern Nevada. Director Swallow informed the Board that official figures will be available by the end of the month and specifics can be reported to the Board in February's meeting. The funding, which will be determined by federal highways, is 100-percent federal with no match required and is more flexible than typical federal funding. Director Swallow explained that the federal government realizes that state transportation funding is being used to fund things that are not typically eligible, and this federal funding is meant to backstop that loss. Director Swallow explained that the federal support will help NDOT continue to deliver a program that keeps Nevadans safe and connected, provide logistical infrastructure for goods and services, and promote crucial economic activity and workforce development. The bill further includes additional funding for transit, rail, and aviation, but final numbers are not yet available. NDOT is anticipating minimal funding for the rural transit and aviation program. The bill also includes full appropriations for federal transportation funding for existing programs as authorized in the FAST Act extension.

Director Swallow next reminded the Board that the Nevada legislative session is starting soon and NDOT intends to take an active role in educating and supporting lawmakers, the Governor's office, and stakeholders on important transportation issues as they arise. Director Swallow informed the Board that NDOT is sponsoring four bills this session: a.) BDR 345, number 8012, which revises provisions governing the deputy director and chief engineer at NDOT; b.) BDR 346, AB41, supervise provisions related to the operation of certain oversized vehicles, a bill that NDOT is looking to clarify in terms of how oversize vehicles are measured and when larger vehicles than are currently allowed will be permitted; c.) BDR 347, AB53 modifies requirements for callbox systems on certain highways and NDOT is working to ensure that the best technology available is being used for traversing the national network; and d.) BDR 350, 8054 establishes an advisory committee to study issues and make recommendations to state and local agencies to improve traffic safety. Director Swallow explained that NDOT already has a committee like this, but NDOT is looking to elevate the committee's voice to improve state safety outcomes.



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Director Swallow informed the Board that NDOT is closely monitoring developments on two transportation funding bills being sponsored by the Legislative Committee on Energy: the first would amend the state constitution to expand the permissible uses of the state highway fund; the second would require NDOT to commission the study and form a dynamic stakeholder working group to comprehensively assess the future of transportation funding in Nevada. Director Swallow explained that due to the Legislative Committee on Energy's accelerated timeline of just two years, NDOT has already begun the RFP process to identify a vendor to help study the issue and complete background information prior to the start.

Director Swallow informed the Board that the RTC of Southern Nevada in collaboration and long-standing partnership with NDOT, NHP, UNLV, and Waycare received an advanced transportation and congestion management technologies deployment grant in the amount of \$15 million. The monies from this grant will go towards the integrated safety technology corridor project, which will benefit valley residents and tourists by mitigating traffic and enhancing roadway safety along US-95 in the Las Vegas Metro area. The project length is approximately five miles from the Spaghetti Bowl to Summerlin Parkway and is balanced between two direct HOV connections. Technologies include: a.) active traffic management, b.) wrong-way driver mitigation, strategic traffic management sites, c.) high-occupancy vehicle detection, d.) integrated data platform, and e.) interface, data analytics provided by UNLV. RTC of Southern Nevada is the lead agency and will hire and oversee the work of a private-sector consultant with relevant industry experience, which will provide key oversight on planning, design, construction, and operation components. NHP will play a lead role in the strategic traffic management sites and assist with analysis related to wrong-way driver and ATM enforcement. RTC of Southern Nevada has a proven history of helping improve transportation across the region and has seen success when deploying similar projects.

Director Swallow highlighted the impact of NDOT on the workforce and indicated that these numbers are based solely on construction contracts and explained that many more jobs are created and sustained through NDOT's agreements and programs. Director Swallow indicated that infrastructure jobs via construction contracts from October through December represent 1,450 job years. In addition, job years for infrastructure, construction contracts and agreements on today's agenda equal 23, with the Board's approval of the agenda, NDOT will have 1,473 job years supported via construction crew contract.

Director Swallow informed the Board that January is National Slavery and Human Trafficking Prevention Month with today's meeting falling on National Human Trafficking Awareness Day. Director Swallow informed the



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Board that #wearblueday encourages the public to wear blue, the international color of human trafficking awareness. The blue heart symbolizes human trafficking. Director Swallow explained that most human trafficking occurs via transport, and thus NDOT is taking a more vested interest and position in raising awareness and aiding its prevention. Director Swallow indicated that Nevada is ranked first in the nation for human trafficking per capita. NDOT is in the process of developing and rolling out an agency-wide policy and initiative to address human trafficking and assist in its prevention throughout the state using some of the following measures: a.) education the NDOT team through training; b.) policy and mission declaration statements; installing signs at NDOT public facilities and rest areas; and c.) partnering with internal and external agencies such as the AG's office, DMV, DPS, and truckersagainstrafficking.org. Director Swallow encouraged the Board to visit the Nevada Attorney General's website for more resources and statistics.

Director Swallow updated the Board on the proposed development at McCarran Ridge near Lakeridge in Reno, specifically the role of NDOT in the permitting process and the qualification-based selection questions. Director Swallow reminded the Board that NDOT does not have authority over local land-use decisions. The decisions to approve, deny, or place requirements on developments rests with the local county or city. Although NDOT does not have authority over private developments, NDOT does review the impact of the proposed developments with direct access to state road right-of-way by evaluating and collaborating with local agency and developer to ensure that state road impacts are mitigated in the most effective and safe way possible. As part of the local government permit process, the developer officially begins the NDOT permitting process with a traffic study of impacts to state roads. NDOT uses the access management system and standards, traffic modeling guidelines, and intersection control evaluations to supplement the local agency and federal standards. NDOT can require that the developer construct additional improvements as they become necessary. Although NDOT is a neutral party, NDOT does carefully evaluate and stipulate appropriate mitigations for highway impacts with an ultimate goal of keeping everyone safe and connected. The developer is responsible for mitigating traffic impacts to state roads. Director Swallow emphasized that NDOT's role is limited to where there is direct access to its right-of-way, but NDOT is looking to see where that role may be expanded or made more appropriate to overall safety. Following successful appeal to the city, the development at McCarran and Lakeridge is undergoing additional review within the city's development process. Once the proposal is resubmitted and approved by the city development permitting process, NDOT will be ready to thoroughly review any final traffic studies.

Director Swallow next followed up on cost and negotiation in response to Member Justin Kalb's question at the December meeting regarding whether or not NDOT has ever walked away from a negotiation due to the cost.



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Director Swallow informed the Board that NDOT is required to follow the Brooks Act for qualifications-based selection of architects and engineers. Director Swallow further informed the Board that in the past ten years, there have been six instances where a qualification-based RFP or amendment resulted in the decision to terminate negotiations due to cost issues, four of which have occurred in the last four-and-a-half years. Director Swallow informed the Board that in each circumstance, the department either resolicited the RFP or entered into negotiations with the next highest ranked proposal.

Director Swallow announced the retirement of two NDOT deputy directors: Deputy Director of Project Delivery Cliff Lawson, and Deputy Director of Operations and Maintenance, Tracy Larkin-Thomason. Director Swallow announced that Darin Tedford has been appointed to replace Deputy Director of Project Delivery Cliff Lawson. Mr. Tedford has more than 25 years in experience with the department, where he started as a summer intern in the materials division. He started as a full-time employee at NDOT in 1994 in roadway design and has since worked in signs and striping and the materials division prior to joining the leadership team as Assistant Director of Operations the previous year. Mr. Tedford holds a BS in Civil Engineering from UNR and is a registered professional engineer in Nevada.

Member Virginia Valentine wished Mr. Cliff Lawson and Ms. Tracy Larkin-Thomason luck in their retirement.

At the conclusion of Director Swallow's report, Governor Sisolak suggested that Director Swallow contact Sheriff Lombardo in southern Nevada or the trafficking coalition regarding the posting, or installation, of signs pertaining to human trafficking awareness and prevention.

Director Swallow thanked Governor Sisolak for his recommendation.

6. Consideration of Approval of Agreements over \$300,000 (For Possible Action)

Director Swallow discussed the six agreements for the Board's consideration. The first recommended agreement was to HDR Engineering, Inc. for beginning phase 2 of the Reno Spaghetti Bowl, including the completion of a feasibility study for the Nugget Viaduct. The second recommended agreement was to Horrocks Engineers, Inc. to identify the location of utilities in US-50 in the Lake Tahoe area from Stateline to Spooner Summit. The third agreement is recommended to HDR Engineering, Inc. to provide construction engineering augmentation to assist Crew 904 on a previously Board-approved I-80 project near Rye Patch Reservoir in Pershing County. The fourth agreement is recommended to W.H. Consulting, LLC to provide professional



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services to ensure compliance with state and federal regulations, including certified payroll monitoring, labor compliance, and subcontractor compliance. The fifth agreement is recommended to Mandli Communications to provide mobile lidar data processing and instruction to support NDOT's asset inventory and asset management program. The sixth recommended agreement is for additional engineering assistance for the Architecture Division. This will be an on-call agreement enabling three consultants to provide services with Wood Rodgers, Inc., Kimley-Horn and Associates, Inc. and GCW, Inc.

Motion: Approve Agreements over \$300,000
By: Lieutenant Governor Kate Marshall
Vote: Passed unanimously

7. Contracts, Agreements, and Settlements (Informational item only)

Pursuant to NRS 408.131, the Board may delegate authority to the Director, which a Director may exercise pursuant to NRS 408.205. These items and matters have been delegated to the Director by the Board by resolutions in April 1990 and July 2011.

Director Swallow informed this is an information item only.

There were no questions from the Board.

8. Nevada Department of Transportation 2020 Annual Report (Informational item only)

Director Swallow informed the Board that this report is the same as NDOT always does but it has been rebranded as NDOT's Annual Report rather than facts and figures as there is more information in it than just facts and figures. Prior to the start of the legislative session, NDOT will have a smaller document outlining only the facts and figures as a quick reference guide.

There were no questions from Board members.



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9. Public Comment #2

Alita Dupree stressed the importance of NDOT ensuring that Nevada's roads continue to be well-maintained. Ms. Dupree indicated that when she travels, she misses the good roads of Nevada. Ms. Dupree further indicated her support for the 24-hour HOV lane system in Las Vegas, which allows automobiles, buses, RTC vehicles, and paratransit. Ms. Dupree stressed to the Board that many who will be in the next priority group for vaccination are seniors with disabilities who do not have cars. Ms. Dupree indicated that the average monthly cost of maintaining a car in America is approximately \$700 and further indicated that she, herself, does not have a car. As such, Ms. Dupree stressed the necessity of keeping the HOV lane open on a 24-hour basis to free the highways of congestion, especially with the challenges of COVID, emergency situations, and a taxed hospital system, and asked for the Board's support in keeping the 24-hour HOV lane system intact. Ms. Dupree further stated her belief that a rail plan is essential. Ms. Dupree informed the Board that her research indicates that a high-speed rail to California will not be in place in the near future, but did stress to the Board her belief in the importance of a rail system similar to the Acela Express in the northeast corridor in order for the state of Nevada to be multimodal. Ms. Dupree asked for help at the state level to promote options to keep the city of Las Vegas from remaining car-centric and indicated her support of the RTC buses. In addition, Ms. Dupree suggested that bicycles and walking and shareable vehicles also need to have a role.

10. Executive Session

There was no executive session in this meeting.

11. Adjournment

Motion: Adjourn the January 11, 2021 Nevada Department of Transportation Board of Directors Meeting
By: Member Justin Kalb
Vote: Passed unanimously



1263 South Stewart Street
Carson City, NV 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

January 27, 2021

TO: Department of Transportation Board of Directors

FROM: Kristina Swallow, P.E., Director

SUBJECT: February 08, 2021 | Transportation Board of Directors Meeting

ITEM #6: Consideration for Approval of Contracts Over \$5,000,000 – *For possible action.*

Summary:

The purpose of this item is to present to the Board a list of construction contracts which are over \$5,000,000 for discussion and approval.

Background:

The Department contracts for services relating to the construction, operation and maintenance of the State's multi-modal transportation system. Contracts listed in this item are all low-bid per statute.

The attached construction contracts constitute all contracts over \$5,000,000 for which the bids were opened and the analysis completed by the Bid Review and Analysis Team and the Contract Compliance section of the Department from December 11, 2020 through January 26, 2021.

Analysis:

These contracts have been executed following the Code of Federal Regulations, Nevada Revised Statutes, Nevada Administrative Code, State Administrative Manual, and/or Department policies and procedures.

List of Attachments:

- A. State of Nevada Department of Transportation Contracts for Approval, December 11, 2020 through January 26, 2021.

MEMORANDUM
Department of Transportation Board of Directors
January 27, 2021
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Recommendation for Board Action:

Approval of the contracts listed on Attachment A.

Prepared by:

Administrative Services Division

Attachment

A

**STATE OF NEVADA DEPARTMENT OF TRANSPORTATION
 CONTRACTS FOR APPROVAL
 December 11, 2020, through January 26, 2021**

1. December 17, 2020 at 2:00 PM the following bids were opened for Contract **3854**, Project No. SPI-080-4(033), on I-80, from the leading edge of I-900 at the West Elko Interchange to milepost 26.58, in Elko County, to cold mill and place plant-mix bituminous surface with open grade.

Q & D Construction LLC.....	\$9,232,000.00
Road and Highway Builders LLC.....	\$11,808,808.00

Engineer’s Estimate \$10,029,434.60

The Director recommends award to Q & D Construction LLC in the amount of \$9,232,000.00.

2. January 14, 2021 at 2:00 PM the following bids were opened for Contract **3858**, Project No. SPSR-0431(022), SPF-28-1(027), STBG-0028(009), on SR 28, 1.0 miles north of Sand Harbor to NV/CA Stateline, in Washoe County, for 4-inch cold mill, 3-inch PBS with 1-inch OG, construct soilnail wall, upgrade ADA ramps, stormwater/hydraulic improvements, ITS conduit.

Q & D Construction LLC.....	\$35,300,000.00
Granite Construction Company	\$36,222,222.00
Road and Highway Builders LLC	\$40,646,646.00

Engineer’s Estimate \$28,486,696.23

The Director recommends award to Q & D Construction LLC in the amount of \$35,300,000.00.

Line Item 1



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

January 12, 2021

To: Kristina Swallow, P.E., Director
Jeff Lerud, Assistant Director, Engineering
Darin Tedford, Assistant Director, Operations

From: Tyler Saunders, Contract Services Manager – Administrative Services TS

Subject: Concurrence in Award for Contract No. 3854, Project No. SPI-080-4(033), I-80, from the leading edge of I-900 at the West Elko Interchange to milepost 26.58., Elko County, described as Cold mill and place plantmix bituminous surface with open grade. The Engineer's Estimate is \$10,029,434.60.

This memo is to confirm concurrence in award of the subject contract.

Bid proposals were opened on December 17, 2020. Q & D Construction LLC is the apparent low bidder at \$9,232,000.00. and they submitted a properly executed proposal, bid bond and anti-collusion affidavit. The second low bidder is Road and Highway Builders LLC with a bid of \$11,808,808.00.

The project is State funded; required 6.65% SBE participation; and Bidder's Preference was applied but did not affect the successful contractor's ranking.

The subcontractor and supplier listings submitted by Q & D Construction LLC have been reviewed and confirmed by Contract Services. The DBE information submitted by Q & D Construction LLC has been reviewed and certified by the External Civil Rights office. Q & D Construction LLC has met the required DBE participation with a 6.66% commitment. The bid is below the Engineer's Estimate Range, and a copy of the Unofficial Bid Results report is attached for your reference. The BRAT Co-Chairs have provided their recommendation to award, and the report is attached.

Your concurrence in award of this contract by endorsement hereon is respectfully requested. Upon receipt, a packet will be prepared to obtain approval of the award at the February Transportation Board meeting.

Concurrence to award:

DocuSigned by:
Jeff Lerud
EOC1947A422E425

Jeff Lerud, Assistant Director

DocuSigned by:
Darin Tedford
50F86CD438AD48A

Darin Tedford, Assistant Director

DocuSigned by:
Kristina Swallow
C456812EC2C1E4EB

Kristina Swallow, P.E., Director

Attachments:
Unofficial Bid Results Report
DBE Sub Approval
BRAT Report



Nevada Department of Transportation
Unofficial Bid Results
 December 17, 2020

Contract Number: 3854 Designer: Senior Designer: CURTIS HARTZELL Estimate Range: R29 \$9,550,000.01 to \$11,500,000 Project Number: SPI-080-4(033)	Bid Opening Date and Time: 12/17/2020 2:00 PM Liquidated Damages: \$4,500.00 Working Days: 120 District: DISTRICT 3
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County: ELKO
Location: I-80, from the leading edge of I-900 at the West Elko Interchange to milepost 26.58.
Description: Cold mill and place plantmix bituminous surface with open grade.

Apparent Low Bidder: Q & D Construction LLC	Actual Bid \$9,232,000.00
Apparent 2nd: Road and Highway Builders LLC	\$11,808,808.00

Bidders:	Certificate of Eligibility	Actual Bid Amount
1 Q & D Construction LLC 1050 South 21st Street Sparks, NV 89431 (775) 786-2677	✓	\$9,232,000.00
2 Road and Highway Builders LLC 175 Salomon Circle Ste #103 Sparks, NV 89434 (775) 852-7283	✓	\$11,808,808.00



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7497
Fax: (775) 888-7235

MEMORANDUM
Contract Compliance

December 24, 2020

To: Doug Benamati, Deputy Chief – Administrative services

From: Paulita De La Cruz, DBE Specialist

DocuSigned by:


9A647C8047694B9...

Subject: NDOT Bidder SBE Information – Contract no. 3854, I-80, from the leading edge of I-900 at the West Elko Interchange to milepost 26.58., in Elko County; Cold mill and place plantmix bituminous surface with open grade

Apparent low bid: \$9,232,000.00

The SBE information for Kelley Erosion Control Inc, General Design and Construction Co., Inc., A & N Family Trucking, Benson Construction & Trucking Inc., and Titan Electrical Contracting Inc., submitted by the apparent low bidder, Q & D Construction LLC, has been received by the DBE Program Office and we have concluded:

Kelley Erosion Control Inc., General Design and Construction Co., Inc., A & N Family Trucking, Benson Construction & Trucking Inc., and Titan Electrical Contracting Inc. hold active State of Nevada business licenses and are Nevada certified SBE firms. Additionally, Kelley Erosion Control, Inc. and Titan Electrical Contracting Inc. hold active Nevada State Contractors Board licenses. All firms are clear of State disqualification and Federal exclusion.

The SBE goal of 6.65% has been met with a 6.66% DBE committed participation by the apparent low bidder, Q &D Construction LLC.

All SBE firms are approved for this contract.

cc: Contract Services
Contract Compliance
Teri Lewis, Title VI/DBE Manager
Julie Boyster, Asst. Title VI/DBE Manager



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

January 7, 2021

To: Doug Benamati, ASO - Administrative Services
From: Bid Review and Analysis Team
Subject: BRAT Summary Report for Contract # 3854

The Bid Review and Analysis Team (BRAT) met on December 29, 2020 to discuss bids for the above referenced contract. The following were in attendance via conference call:

- Scott Hein, Chief Design Engineer
- Sharon Foerschler, Chief Constructability Engineer
- Doug Benamati, Admin Services Officer
- Ryan Bennett, Associate Engineer
- Mark Caffaratti, Professional Engineer
- Brian Deal, Professional Engineer
- Kimberly Diegle, Professional Engineer
- Samantha Dowd, Professional Engineer
- David Fox, Professional Engineer
- Jamie Fuller-Dunn, Associate Engineer
- Curtis Hartzell, Associate Engineer
- Ashton Hunter, Associate Engineer
- Christopher Kuhn, Associate Engineer
- Stephen Lani, Professional Engineer
- Clifford Lawson, Deputy Director, Project Delivery
- Kevin Maxwell, Professional Engineer
- Shawn Paterson, Professional Engineer
- Phillip Slagel, Professional Engineer
- Michael West, Associate Engineer

The overall bid proposal was evaluated and determined to be acceptable. The Bid Tabulation and Price Sensitivity is attached.

The apparent low bidder, Q & D Construction, LLC., submitted a bid which is 92.05% of the Engineer's Estimate. The BRAT recommends award of this contract.

Submitted:

DocuSigned by:

E7F2D4506AC6488...

Scott Hein, BRAT Co-Chair

cc: Attendees;
Dennis Gallagher, Legal
Design Admin

DocuSigned by:

67A4C09A4CB7477...

Sharon Foerschler, BRAT Co-Chair

Bid Tabulation**December 18, 2020**

Contract No.: 3854
Description: Cold mill and place plantmix bituminous surface with open grade.
Location: I-80, from the leading edge of I-900 at the West Elko Interchange to milepost 26.58.
Bid Opening: December 17, 2020

Project No.: SPI-080-4(033)
Project Id: 74160
County: Elko
Range: R29 \$9,550,000.01 to \$11,500,000
Working: 120

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction LLC		Road and Highway Builders LLC	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
2010100	1.000	LS	CLEARING AND GRUBBING	\$1,000.00	\$1,000.00	\$40,000.00	\$40,000.00	\$5,000.00	\$5,000.00
2020120	14,510.000	SQFT	REMOVAL OF PORTION OF BRIDGE DECK	\$3.00	\$43,530.00	\$1.40	\$20,314.00	\$3.00	\$43,530.00
2020160	1,124.000	LINFT	REMOVAL OF EXPANSION JOINTS	\$45.50	\$51,142.00	\$32.00	\$35,968.00	\$30.00	\$33,720.00
2020400	30.000	LINFT	REMOVAL OF CONCRETE BARRIER RAIL	\$170.00	\$5,100.00	\$190.00	\$5,700.00	\$100.00	\$3,000.00
2020450	1.000	EACH	REMOVE END SECTION	\$960.00	\$960.00	\$450.00	\$450.00	\$400.00	\$400.00
2020455	1.000	EACH	RESET END SECTION	\$1,150.00	\$1,150.00	\$680.00	\$680.00	\$800.00	\$800.00
2020465	2.000	EACH	REMOVE GUARDRAIL END TREATMENT	\$950.00	\$1,900.00	\$500.00	\$1,000.00	\$700.00	\$1,400.00
2020744	8.000	LINFT	REMOVAL OF PIPE	\$75.00	\$600.00	\$170.00	\$1,360.00	\$80.00	\$640.00
2020895	59.000	EACH	REMOVE LIGHTING FIXTURES	\$120.00	\$7,080.00	\$70.00	\$4,130.00	\$300.00	\$17,700.00
2020935	469.700	CUYD	REMOVAL OF COMPOSITE SURFACE	\$250.00	\$117,425.00	\$150.00	\$70,455.00	\$90.00	\$42,273.00
2020965	8,490.000	SQYD	REMOVAL OF BITUMINOUS SURFACE	\$7.00	\$59,430.00	\$8.00	\$67,920.00	\$4.00	\$33,960.00
2020990	361,849.000	SQYD	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	\$1.50	\$542,773.50	\$2.25	\$814,160.25	\$4.00	\$1,447,396.00
2020995	10,855.000	SQYD	REMOVAL OF BITUMINOUS SURFACE (MISCELLANEOUS COLD MILLING)	\$1.50	\$16,282.50	\$0.30	\$3,256.50	\$1.50	\$16,282.50
2021120	2.000	EACH	REMOVAL OF CATTLE GUARD	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00	\$3,000.00	\$6,000.00
2021287	70,392.960	LINFT	GRINDING FOR PAVEMENT MARKINGS	\$0.50	\$35,196.48	\$0.50	\$35,196.48	\$1.00	\$70,392.96
2030140	264.690	CUYD	ROADWAY EXCAVATION	\$33.00	\$8,734.77	\$74.00	\$19,587.06	\$80.00	\$21,175.20
2030160	13.000	CUYD	DRAINAGE EXCAVATION	\$80.00	\$1,040.00	\$110.00	\$1,430.00	\$80.00	\$1,040.00
2030230	15.000	CUYD	BORROW EMBANKMENT	\$350.00	\$5,250.00	\$75.00	\$1,125.00	\$80.00	\$1,200.00
2060110	113.400	CUYD	STRUCTURE EXCAVATION	\$105.00	\$11,907.00	\$40.00	\$4,536.00	\$70.00	\$7,938.00
2070110	54.800	CUYD	GRANULAR BACKFILL	\$135.00	\$7,398.00	\$130.00	\$7,124.00	\$80.00	\$4,384.00
2110160	3,374.500	SQYD	SEEDING	\$15.00	\$50,617.50	\$3.74	\$12,620.63	\$4.00	\$13,498.00
2120045	7,205.000	SQYD	PAINTING	\$12.00	\$86,460.00	\$45.00	\$324,225.00	\$14.00	\$100,870.00
2130630	1.000	FA	ADJUST IRRIGATION SYSTEM	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
3020140	497.000	CUYD	TYPE 1 CLASS B AGGREGATE BASE	\$125.00	\$62,125.00	\$90.00	\$44,730.00	\$96.00	\$47,712.00
4020100	1,981.200	SQYD	PLANTMIXING MISCELLANEOUS AREAS	\$20.00	\$39,624.00	\$10.00	\$19,812.00	\$20.00	\$39,624.00
4020190	42,467.000	TON	PLANTMIX SURFACING (TYPE 2C) (WET)	\$80.00	\$3,397,360.00	\$50.00	\$2,123,350.00	\$82.00	\$3,482,294.00
4030100	8.650	MILE	MILLED RUMBLE STRIPS	\$1,050.00	\$9,082.50	\$770.00	\$6,660.50	\$1,000.00	\$8,650.00
4030110	14,199.000	TON	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	\$115.00	\$1,632,885.00	\$110.00	\$1,561,890.00	\$150.00	\$2,129,850.00
4060120	764.000	SQYD	PRIME COAT	\$3.50	\$2,674.00	\$1.20	\$916.80	\$3.00	\$2,292.00
4070190	0.420	TON	EMULSIFIED ASPHALT, TYPE SS-1H (DILUTED)	\$1,500.00	\$630.00	\$400.00	\$168.00	\$1,000.00	\$420.00
4960130	1,612.000	SQYD	BRIDGE DECK PREPARATION AND CONCRETE PLACEMENT	\$90.00	\$145,080.00	\$38.00	\$61,256.00	\$40.00	\$64,480.00
4960160	120,277.000	POUND	POLYMER CONCRETE AGGREGATE	\$0.50	\$60,138.50	\$0.41	\$49,313.57	\$0.30	\$36,083.10
4960170	16,839.000	POUND	POLYMER CONCRETE RESIN	\$3.50	\$58,936.50	\$2.25	\$37,887.75	\$3.00	\$50,517.00
5020160	30.000	LINFT	CONCRETE BARRIER RAIL (TYPE A)	\$220.00	\$6,600.00	\$330.00	\$9,900.00	\$400.00	\$12,000.00
5020360	1.000	FA	CONCRETE BRIDGE DECK REPAIR	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00
5021700	925.000	LINFT	EXPANSION JOINT SEALANT	\$45.00	\$41,625.00	\$38.00	\$35,150.00	\$6.00	\$5,550.00
5021860	925.000	LINFT	ASPHALT PLUG EXPANSION JOINT	\$238.00	\$220,150.00	\$186.00	\$172,050.00	\$100.00	\$92,500.00
5022020	199.000	LINFT	PREFORMED JOINT FILLER, (3-INCH)	\$80.00	\$15,920.00	\$51.00	\$10,149.00	\$20.00	\$3,980.00
6040545	8.000	LINFT	36-INCH CORR. METAL PIPE (16 GAGE)	\$195.00	\$1,560.00	\$223.00	\$1,784.00	\$400.00	\$3,200.00
6042405	8.000	EACH	15-INCH METAL END SECTION	\$500.00	\$4,000.00	\$430.00	\$3,440.00	\$1,200.00	\$9,600.00
6050150	480.000	LINFT	15-INCH HIGH DENSITY POLYETHYLENE PIPE, TYPE S	\$140.00	\$67,200.00	\$50.00	\$24,000.00	\$200.00	\$96,000.00

Bid Tabulation

December 18, 2020

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction LLC		Road and Highway Builders LLC	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6080170	8.000	EACH	EMBANKMENT PROTECTOR, TYPE 5-2G	\$4,200.00	\$33,600.00	\$4,400.00	\$35,200.00	\$3,500.00	\$28,000.00
6080240	34.000	EACH	ANCHOR ASSEMBLY (15-INCH)	\$350.00	\$11,900.00	\$460.00	\$15,640.00	\$250.00	\$8,500.00
6090260	2.000	EACH	ADJUSTING MANHOLE COVERS (METHOD B)	\$1,650.00	\$3,300.00	\$1,490.00	\$2,980.00	\$1,000.00	\$2,000.00
6090600	3.000	EACH	ADJUSTING VALVE COVERS (METHOD B)	\$1,200.00	\$3,600.00	\$1,100.00	\$3,300.00	\$900.00	\$2,700.00
6091040	3,192.000	POUND	STRUCTURAL STEEL GRATES	\$2.50	\$7,980.00	\$4.00	\$12,768.00	\$3.00	\$9,576.00
6100050	158.000	SQYD	GEOTEXTILE (CLASS 1)	\$12.00	\$1,896.00	\$2.40	\$379.20	\$5.00	\$790.00
6100053	124.000	SQYD	GEOTEXTILE (CLASS 2)	\$15.00	\$1,860.00	\$4.50	\$558.00	\$5.00	\$620.00
6100170	37.000	CUYD	RIPRAP (CLASS 150)	\$165.00	\$6,105.00	\$140.00	\$5,180.00	\$150.00	\$5,550.00
6100190	56.000	CUYD	RIPRAP (CLASS 300)	\$162.50	\$9,100.00	\$145.00	\$8,120.00	\$180.00	\$10,080.00
6100460	25.000	CUYD	RIPRAP BEDDING (CLASS 150)	\$120.00	\$3,000.00	\$172.00	\$4,300.00	\$120.00	\$3,000.00
6100470	20.000	CUYD	RIPRAP BEDDING (CLASS 300)	\$165.00	\$3,300.00	\$215.00	\$4,300.00	\$120.00	\$2,400.00
6130130	5.340	SQYD	DETECTABLE WARNINGS	\$425.00	\$2,269.50	\$380.00	\$2,029.20	\$150.00	\$801.00
6130780	1,468.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 1)	\$45.00	\$66,060.00	\$51.00	\$74,868.00	\$30.00	\$44,040.00
6130830	564.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 5)	\$53.00	\$29,892.00	\$51.50	\$29,046.00	\$35.00	\$19,740.00
6131140	1,132.000	SQYD	CLASS AA CONCRETE SIDEWALK (4-INCH)	\$150.00	\$169,800.00	\$83.00	\$93,956.00	\$40.00	\$45,280.00
6131430	25.700	SQYD	CLASS AA CONCRETE RAMP (4-INCH)	\$210.00	\$5,397.00	\$168.00	\$4,317.60	\$100.00	\$2,570.00
6170530	1.000	EACH	40-FOOT STEEL CATTLE GUARD	\$30,000.00	\$30,000.00	\$42,000.00	\$42,000.00	\$35,000.00	\$35,000.00
6170570	1.000	EACH	48-FOOT STEEL CATTLE GUARD	\$43,000.00	\$43,000.00	\$48,000.00	\$48,000.00	\$40,000.00	\$40,000.00
6180250	18,369.000	LINFT	REMOVE AND RESET GUARDRAIL	\$8.00	\$146,952.00	\$4.50	\$82,660.50	\$2.00	\$36,738.00
6180360	2.000	EACH	GUARDRAIL TERMINAL (TANGENTIAL)	\$4,200.00	\$8,400.00	\$4,250.00	\$8,500.00	\$3,500.00	\$7,000.00
6180600	1,288.000	LINFT	RECONSTRUCT GUARDRAIL	\$75.00	\$96,600.00	\$42.50	\$54,740.00	\$30.00	\$38,640.00
6190200	1,246.000	EACH	GUIDE POSTS (RIGID)	\$40.00	\$49,840.00	\$42.50	\$52,955.00	\$40.00	\$49,840.00
6190250	2.000	EACH	OBJECT MARKERS, TYPE 1	\$170.00	\$340.00	\$150.00	\$300.00	\$150.00	\$300.00
6190270	12.000	EACH	OBJECT MARKERS, TYPE 2 (MODIFIED)	\$120.00	\$1,440.00	\$150.00	\$1,800.00	\$160.00	\$1,920.00
6190280	5.000	EACH	OBJECT MARKERS, TYPE 3	\$130.00	\$650.00	\$150.00	\$750.00	\$170.00	\$850.00
6230226	11.000	EACH	NO. 3-1/2 PULL BOX, MODIFIED	\$950.00	\$10,450.00	\$780.00	\$8,580.00	\$1,000.00	\$11,000.00
6230232	21.000	EACH	NO. 5 PULL BOX, MODIFIED	\$513.00	\$10,773.00	\$1,010.00	\$21,210.00	\$1,500.00	\$31,500.00
6230267	5.000	EACH	LUMINAIRE, TYPE A	\$950.00	\$4,750.00	\$620.00	\$3,100.00	\$1,000.00	\$5,000.00
6230268	66.000	EACH	LUMINAIRE, TYPE B	\$800.00	\$52,800.00	\$430.00	\$28,380.00	\$1,200.00	\$79,200.00
6230575	11.000	EACH	STEEL POLE, TYPE 7 (WITH SAFETY BASE)	\$6,750.00	\$74,250.00	\$5,200.00	\$57,200.00	\$12,000.00	\$132,000.00
6230715	24.000	EACH	MODIFY TRAFFIC SIGNAL HEAD	\$450.00	\$10,800.00	\$200.00	\$4,800.00	\$800.00	\$19,200.00
6230770	4.000	EACH	PEDESTRIAN PUSH BUTTON WITH SIGN	\$1,675.00	\$6,700.00	\$2,740.00	\$10,960.00	\$600.00	\$2,400.00
6230775	48.000	EACH	LOOP DETECTOR	\$785.00	\$37,680.00	\$600.00	\$28,800.00	\$800.00	\$38,400.00
6231056	2.000	EACH	MODIFY SIGNAL CABINET	\$3,750.00	\$7,500.00	\$1,400.00	\$2,800.00	\$5,000.00	\$10,000.00
6231395	4.000	EACH	REMOVE PEDESTRIAN PUSH BUTTON AND SIGN	\$250.00	\$1,000.00	\$90.00	\$360.00	\$500.00	\$2,000.00
6231805	157.000	LINFT	2-INCH CONDUIT	\$22.00	\$3,454.00	\$14.00	\$2,198.00	\$8.00	\$1,256.00
6231820	2,300.000	LINFT	3-INCH CONDUIT	\$25.00	\$57,500.00	\$30.00	\$69,000.00	\$10.00	\$23,000.00
6231975	3,881.000	LINFT	NO. 6 CONDUCTOR	\$1.20	\$4,657.20	\$1.80	\$6,985.80	\$2.00	\$7,762.00
6231980	2,453.000	LINFT	NO. 8 CONDUCTOR	\$1.10	\$2,698.30	\$1.30	\$3,188.90	\$1.00	\$2,453.00
6231985	2,624.000	LINFT	NO. 10 CONDUCTOR	\$1.00	\$2,624.00	\$1.20	\$3,148.80	\$1.00	\$2,624.00
6240130	1.000	FA	UNIFORMED TRAFFIC CONTROL OFFICER	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00
6240140	120.000	DAY	TRAFFIC CONTROL SUPERVISOR	\$700.00	\$84,000.00	\$1,000.00	\$120,000.00	\$1,400.00	\$168,000.00
6250490	1.000	LS	RENT TRAFFIC CONTROL DEVICES	\$290,566.00	\$290,566.00	\$450,000.00	\$450,000.00	\$550,000.00	\$550,000.00
6270022	2.000	EACH	PERMANENT OVERHEAD SIGN PANEL, RECONSTRUCT	\$4,600.00	\$9,200.00	\$6,000.00	\$12,000.00	\$5,000.00	\$10,000.00
6270150	288.250	SQFT	PERMANENT SIGN PANELS (OVERHEAD)	\$54.00	\$15,565.50	\$32.50	\$9,368.13	\$60.00	\$17,295.00
6270160	258.750	SQFT	PERMANENT SIGN PANELS (OVERHEAD) (REMOVE)	\$12.00	\$3,105.00	\$10.00	\$2,587.50	\$12.00	\$3,105.00
6270190	4,103.310	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$80.00	\$328,264.80	\$86.00	\$352,884.66	\$90.00	\$369,297.90
6270200	96.000	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (SPECIAL METAL SUPPORTS)	\$180.00	\$17,280.00	\$90.00	\$8,640.00	\$80.00	\$7,680.00
6270240	3,515.270	SQFT	PERMANENT SIGNS, REMOVE	\$4.50	\$15,818.72	\$5.00	\$17,576.35	\$5.00	\$17,576.35

Bid Tabulation

December 18, 2020

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction LLC		Road and Highway Builders LLC	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6280120	1.000	LS	MOBILIZATION	\$567,313.28	\$567,313.28	\$908,005.82	\$908,005.82	\$1,148,877.99	\$1,148,877.99
6320890	13.332	MILE	EPOXY PAVEMENT STRIPING (8-INCH BROKEN WHITE)	\$1,400.00	\$18,664.80	\$1,000.00	\$13,332.00	\$1,500.00	\$19,998.00
6320940	16.077	MILE	EPOXY PAVEMENT STRIPING (8-INCH SOLID WHITE)	\$2,800.00	\$45,015.60	\$2,850.00	\$45,819.45	\$3,000.00	\$48,231.00
6320960	1.457	MILE	EPOXY PAVEMENT STRIPING (12-INCH SOLID WHITE)	\$5,000.00	\$7,285.00	\$4,000.00	\$5,828.00	\$3,000.00	\$4,371.00
6321030	16.019	MILE	EPOXY PAVEMENT STRIPING (8-INCH SOLID YELLOW)	\$2,800.00	\$44,853.20	\$2,850.00	\$45,654.15	\$3,000.00	\$48,057.00
6321059	489.400	LINFT	EPOXY PAVEMENT STRIPING (BROKEN YELLOW W/SOLID YELLOW)	\$3.00	\$1,468.20	\$1.00	\$489.40	\$5.00	\$2,447.00
6321070	1,137.500	LINFT	EPOXY PAVEMENT STRIPING (DOUBLE SOLID YELLOW)	\$1.50	\$1,706.25	\$1.00	\$1,137.50	\$4.00	\$4,550.00
6341030	1,397.000	LINFT	THERMOPLASTIC PAVEMENT MARKING (24-INCH SOLID WHITE)	\$12.00	\$16,764.00	\$10.00	\$13,970.00	\$20.00	\$27,940.00
6341060	510.000	SQFT	THERMOPLASTIC PAVEMENT MARKING (VARIES)	\$15.50	\$7,905.00	\$15.00	\$7,650.00	\$25.00	\$12,750.00
6370110	1.000	LS	TEMPORARY POLLUTION CONTROL	\$87,174.00	\$87,174.00	\$15,000.00	\$15,000.00	\$55,000.00	\$55,000.00
6460110	8,490.000	SQYD	BRIDGE DECK PREPARATION	\$4.50	\$38,205.00	\$2.25	\$19,102.50	\$5.00	\$42,450.00
6460180	8,490.000	SQYD	LIQUID MEMBRANE	\$45.50	\$386,295.00	\$60.00	\$509,400.00	\$40.00	\$339,600.00
Totals:					\$10,029,434.60		\$9,232,000.00		\$11,808,808.00

Price Sensitivity

February 26, 2016

Contract No.: 3854
 Project No.: SPI-080-4(033)
 Project Id: 74160
 County: Elko
 Range: R29 \$9,550,000.01 to \$11,500,000
 Working: 120

RE: Kenneth Smith
 Designer: Curtis Hartzell

Engineer's Estimate	Q & D Construction LLC	Road and Highway Builders LLC	Diff. Between Low & 2nd	Diff Between EE & Low	Low Bid % of EE
\$10,029,434.60	\$9,232,000.00	\$11,808,808.00	\$2,576,808.00	-\$797,434.60	92.05%

Item No.	Quantity	Unit	Description	Engineer's Est. Unit Price	Low Bid Unit Price	2nd Low Bid Unit Price	Qty Chg Req'd to Chg Bid Order	% Change in Qty Req'd	Low % of EE	Significantly Unbalanced	Price & Quantity Check Comments
2020160	1124.000	LINFT	REMOVAL OF EXPANSION JOINTS	\$45.50	\$32.00	\$30.00	1,288,404.00	114627%	70%	Yes	EE OK/ QTY OK
2020935	469.700	CUYD	REMOVAL OF COMPOSITE SURFACE	\$250.00	\$150.00	\$90.00	42,946.80	9143%	60%	Yes	EE High; \$165/ QTY OK
2020965	8490.000	SQYD	REMOVAL OF BITUMINOUS SURFACE	\$7.00	\$8.00	\$4.00	644,202.00	7588%	114%	No	EE OK/ QTY OK
2020990	361849.000	SQYD	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	\$1.50	\$2.25	\$4.00	-1,472,461.71	-407%	150%	No	EEOK/ QTY OK
2110160	3374.500	SQYD	SEEDING	\$15.00	\$3.74	\$4.00	-9,910,800.00	-293697%	25%	Yes	EE High; \$9.00/ QTY OK
2120045	7205.000	SQYD	PAINTING	\$12.00	\$45.00	\$14.00	83,122.84	1154%	375%	Yes	EE OK/ QTY OK
3020140	497.000	CUYD	TYPE 1 CLASS B AGGREGATE BASE	\$125.00	\$90.00	\$96.00	-429,468.00	-86412%	72%	Yes	EE OK/ QTY OK
4020190	42467.000	TON	PLANTMIX SURFACING (TYPE 2C) (WET)	\$80.00	\$50.00	\$82.00	-80,525.25	-190%	63%	Yes	EE OK/ QTY OK
4030110	14199.000	TON	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	\$115.00	\$110.00	\$150.00	-64,420.20	-454%	96%	No	EE OK/ QTY OK
4960130	1612.000	SQYD	BRIDGE DECK PREPARATION AND CONCRETE PLACEMENT	\$90.00	\$38.00	\$40.00	-1,288,404.00	-79926%	42%	Yes	EE OK/ QTY OK
4960160	120277.000	POUND	POLYMER CONCRETE AGGREGATE	\$0.50	\$0.41	\$0.30	23,425,527.27	19476%	82%	No	EE OK/ QTY OK
4960170	16839.000	POUND	POLYMER CONCRETE RESIN	\$3.50	\$2.25	\$3.00	-3,435,744.00	-20403%	64%	Yes	EE OK/ QTY OK
5021860	925.000	LINFT	ASPHALT PLUG EXPANSION JOINT	\$238.00	\$186.00	\$100.00	29,962.88	3239%	78%	No	EE High; \$180/ QTY OK
6050150	480.000	LINFT	15-INCH HIGH DENSITY POLYETHYLENE PIPE, TYPE S	\$140.00	\$50.00	\$200.00	-17,178.72	-3579%	36%	Yes	EE OK/ QTY OK
6130780	1468.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 1)	\$45.00	\$51.00	\$30.00	122,705.14	8359%	113%	No	EE OK/ QTY OK
6131140	1132.000	SQYD	CLASS AA CONCRETE SIDEWALK (4-INCH)	\$150.00	\$83.00	\$40.00	59,925.77	5294%	55%	Yes	EE OK/ QTY OK
6180250	18369.000	LINFT	REMOVE AND RESET GUARDRAIL	\$8.00	\$4.50	\$2.00	1,030,723.20	5611%	56%	Yes	EE OK/ QTY OK
6180600	1288.000	LINFT	RECONSTRUCT GUARDRAIL	\$75.00	\$42.50	\$30.00	206,144.64	16005%	57%	Yes	EE OK/ QTY OK
6190200	1246.000	EACH	GUIDE POSTS (RIGID)	\$40.00	\$42.50	\$40.00	1,030,723.20	82723%	106%	No	EE OK/ QTY OK
6230268	66.000	EACH	LUMINAIRE, TYPE B	\$800.00	\$430.00	\$1,200.00	-3,346.50	-5070%	54%	Yes	EE OK/ QTY OK
6230575	11.000	EACH	STEEL POLE, TYPE 7 (WITH SAFETY BASE)	\$6,750.00	\$5,200.00	\$12,000.00	-378.94	-3445%	77%	No	EE OK/ QTY OK
6231820	2300.000	LINFT	3-INCH CONDUIT	\$25.00	\$30.00	\$10.00	128,840.40	5602%	120%	No	EE OK/ QTY OK
6240140	120.000	DAY	TRAFFIC CONTROL SUPERVISOR	\$700.00	\$1,000.00	\$1,400.00	-6,442.02	-5368%	143%	No	EE OK/ QTY OK
6250490	1.000	LS	RENT TRAFFIC CONTROL DEVICES	\$290,566.00	\$450,000.00	\$550,000.00	N/A	N/A	155%	Yes	EE OK/ QTY OK
6270190	4103.310	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$80.00	\$86.00	\$90.00	-644,202.00	-15700%	108%	No	EE OK/ QTY OK
6280120	1.000	LS	MOBILIZATION	\$567,313.28	\$908,005.82	\$1,148,877.99	N/A	N/A	160%	Yes	EE OK/ QTY OK
6370110	1.000	LS	TEMPORARY POLLUTION CONTROL	\$87,174.00	\$15,000.00	\$55,000.00	-64.42	-6442%	17%	Yes	EE OK/ QTY OK
6460180	8490.000	SQYD	LIQUID MEMBRANE	\$45.50	\$60.00	\$40.00	128,840.40	1518%	132%	No	EE OK/ QTY OK

Additional Comments: The Bid Review Analysis Team has reviewed and checked the engineer's estimate and quantities; no errors were found. Recommend to Award.

Purpose and Need of Project: This project improves 6.5 miles of Interstate 80 beginning at the north side of the Downtown Elko Interchange and ending approximately one mile south of the East Elko Interchange. The work includes mill and overlay of the roadway, bridge maintenance and upgrades, as well as drainage, signs, and ITS improvements. Enhanced rideability and signage will increase safety and driver comfort. Bridge and drainage improvements will also reduce maintenance efforts through the corridor.

INSTRUCTIONS FOR COMPLETING THE DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Nevada Department of Transportation (“NDOT”) to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the NDOT. Failure to submit the requested information may result in a refusal by NDOT to enter into an agreement/contract and/or release monetary funding to such non-disclosing business entity.

Detailed Instructions

All sections of the Disclosure of Ownership/Principals form must be completed. If not applicable, write N/A in the space provided.

Business Entity Type – Indicate if the entity is Sole Proprietor, Partnership, Limited Liability Company, Corporation, Trust, Non-Profit Organization, or Other. When selecting ‘Other’, provide a description of the legal entity.

Business Name (include d.b.a., if applicable) – Enter the legal name of the business entity and enter the “Doing Business As” (d.b.a.) name, if applicable.

Corporate/Business Address, Business Telephone, Business Fax, and Email – Enter the street address, telephone and fax numbers, and email of the named business entity.

Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

Number of Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)

List of Owners/Officers – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

Signature and Print Name – Requires signature of an authorized representative and the date signed

Disclosure of Relationship Form – If any individual members, partners, owners or principals of the business entity is presently a NDOT employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a NDOT employee, public officer or official, this section must be completed in its entirety.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- Sole Proprietorship
 Partnership
 Limited Liability Company
 Corporation
 Trust
 Non-Profit Organization
 Other

2. Are you a publicly-traded corporation? Yes No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

500

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

Q&D Construction LLC

5. Corporate/Business Entity Street Address:

Street Address: 1050 s 21st Street	Website: www.qdconstruction.com
City, State and Zip Code: Sparks NV 89431	Point of Contact Name: Jeff Bean
Telephone and Fax No. 7757862677	Email: jbean@qdconstruction.com

6. Nevada Local Business Street Address (If different from above):

Street Address:	Website:
City, State and Zip Code:	Point of Contact Name:
Local Telephone and Fax No. 7757862677	Email:

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Lance Semenko	President	22
Mike Dianda	Secretary / Treasurer	20
Chris Dianda	Managing director	20
Jeff Bean	VP	11
Kevin Linderman	VP	11
Duane Boreham	VP	8
Tobin Basta	VP	8

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the *Definition* section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No


2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION
n/a	n/a	n/a	n/a

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.

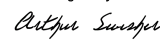
DocuSigned by:

 Signature _____ Lance Semenko
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 President _____ Print Name
 _____ 01/11/2021
 Title _____ Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

- Yes No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?
- Yes No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments: _____

DocuSigned by:

 Signature _____
 953D187CC7884E5...
 Arthur Swisher

 Print Name
 Authorized NDOT Representative

Line Item 2



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

January 25, 2021

To: Kristina Swallow, P.E., Director
Jeff Lerud, Assistant Director, Engineering
Darin Tedford, Assistant Director, Operations

From: Tyler Saunders, Contract Services Manager – Administrative Services 

Subject: Concurrence in Award for Contract No. 3858, Project No. SPF-028-1(027), SR 28, 1.0 mi north of Sand Harbor to NV/CA stateline; MP WA 3.685 to MP WA 3.845, MP WA 5.217 to MP WA 10.990, in Washoe County, described as 4-inch cold mill, 3-inch PBS with 1-inch OG, construct soil nail wall, upgrade ADA ramps, stormwater/hydraulic improvements, ITS conduit. The Engineer's Estimate is \$28,486,696.23.

This memo is to confirm concurrence in award of the subject contract.

Bid proposals were opened on January 14, 2021. Q & D Construction LLC is the apparent low bidder at \$35,300,000.00 and they submitted a properly executed proposal, bid bond and anti-collusion affidavit. The second low bidder is Granite Construction Company with a bid of \$36,222,222.00.

The project is Federally funded; required 8.61% DBE participation; and is not subject to State Bidder Preference provisions.

The subcontractor and supplier listings submitted by the Q & D Construction LLC have been reviewed and confirmed by Contract Services. The DBE information submitted by the Q & D Construction LLC has been reviewed and certified by the External Civil Rights office. Q & D Construction LLC has met the required DBE participation with a 8.71% commitment. The bid is within the Engineer's Estimate Range, and a copy of the Unofficial Bid Results report is attached for your reference. The BRAT Co-Chairs have provided their recommendation to award, and the report is attached.

Your concurrence in award of this contract by endorsement hereon is respectfully requested. Upon receipt, a packet will be prepared to obtain Transportation Board approval of the award at the February meeting.

Concurrence in award:



E0C1947A442E435
Jeff Lerud, Assistant Director



59F62C048AD48A
Darin Tedford, Assistant Director



C48012FC2C1E4FB
Kristina Swallow, P.E., Director

Enclosures:
Unofficial Bid Results Report
DBE Sub Approval
BRAT Report



Nevada Department of Transportation
Unofficial Bid Results
 January 14, 2021

Contract Number: 3858 Designer: BILLY EZELL Senior Designer: BILLY EZELL Estimate Range: R34 \$23,500,000.01 to \$28,500,000 Project Number: SPSR-0431(022), SPF-028 -1(027), STBG-0028(009)	Bid Opening Date and Time: 1/14/2021 2:00 PM Liquidated Damages: \$10,500.00 Working Days: 300 District: DISTRICT 2
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County: WASHOE
Location: SR 28, Washoe County, 1.0 MI North of Sand Harbor to NV/CA Stateline; MP WA 3.685 to MP WA 3.845, MP WA 5.217 to MP WA 10.990
Description: 4-inch cold mill, 3-inch PBS With 1-inch OG, Construct Soilnail Wall, upgrade ADA ramps, Stormwater/Hydraulic Improvements, ITS Conduit

	Actual Bid
Apparent Low Bidder: <u>Q & D Construction LLC</u>	<u>\$35,300,000.00</u>
Apparent 2nd: <u>Granite Construction Company</u>	<u>\$36,222,222.00</u>
Apparent 3rd: <u>Road and Highway Builders LLC</u>	<u>\$40,646,646.00</u>

Bidders:	Actual Bid Amount
1 Q & D Construction LLC 1050 South 21st Street Sparks, NV 89431 (775) 786-2677	\$35,300,000.00
2 Granite Construction Company 585 West Beach Street Watsonville, CA 95076 (831) 724-1011	\$36,222,222.00
3 Road and Highway Builders LLC 175 Salomon Circle Ste #103 Sparks, NV 89434 (775) 852-7283	\$40,646,646.00



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7497
Fax: (775) 888-7235

MEMORANDUM
Contract Compliance

January 20, 2021

To: Doug Benamati, Deputy Chief – Administrative Services

From: Paulita De La Cruz, DBE Specialist

DocuSigned by:

9A647C8047694B9...

Subject: NDOT Bidder DBE Information – Contract no. 3858, on SR 28, 1.0 miles north of Sand Harbor to the Nevada/California state line and at Marlette Creek. SR 431, Mount Rose Highway, from SR 28 to 0.062 miles east of Mount Rose Summit in Washoe County.

Cold milling and place plantmix bituminous surface with open grade, construct soil nail wall, ADA ramps, stormwater/hydraulic improvements, install ITS conduit; Water quality restoration and erosion control; Reconstruct various roadway locations, shoulder slopes and barrier rail.

Apparent low bid: \$35,300,000.00

The DBE information for Kelley Erosion, T and S DVBE, Inc., Las Vegas Lighting, Inc., Great Basin Water Supply, LLC, Tungsten Engineering Contractors, and T K Transportation Inc., submitted by the apparent low bidder, Q & D Construction LLC, has been received by the DBE Program office and we have concluded:

Kelley Erosion, T and S DVBE, Inc., Las Vegas Lighting, Inc., Great Basin Water Supply, LLC, Tungsten Engineering Contractors, and T K Transportation Inc., all hold active State of Nevada business licenses and are Nevada certified DBE firms. Additionally, Kelley Erosion Control, Inc. and Tungsten Engineering Contractors hold active Nevada State Contractors Board licenses. All DBE firms are clear of State disqualification and Federal exclusion.

The DBE goal of 8.61% has been met with an 8.71% DBE committed participation by the apparent low bidder, Q & D Construction LLC.

All DBE firms are approved for this contract.

cc: Contract Compliance
Contract Services
Teri Lewis, Title VI/DBE Manager
Julie Boyster, Asst. Title VI/DBE Manager



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7070
Fax: (775) 888-7101

MEMORANDUM
Administrative Services

January 22, 2021

To: Doug Benamati, Deputy Chief - Administrative Services
From: Bid Review and Analysis Team
Subject: BRAT Summary Report for Contract #3858

The Bid Review and Analysis Team (BRAT) met on January 21, 2021 to discuss bids for the above referenced contract. The following were in attendance:

Sharon Foerschler, Chief Construction Engineer
Scott Hein, Chief Roadway Design Engineer
Ryan Bennett, Associate Engineer
Eirik Berggren, Associate Engineer
Erik Blackwell, Associate Engineer
Mark Caffaratti, Professional Engineer
Brian Deal, Professional Engineer
Kimberly Diegle, Professional Engineer
Jamie Fuller-Dunn, Associate Engineer
Christopher Holman, Professional Engineer
Erin Honjas, Professional Engineer
Jacob Kelgard, Associate Engineer

Stephen Lani, Professional Engineer
Samual Lompa, Professional Engineer
Kevin Maxwell, Professional Engineer
Harold Mccoy, Professional Engineer
Shawn Paterson, Professional Engineer
Bhupinder Sandhu, Professional Engineer
Jody Steele, Associate Engineer
Michael West, Associate Engineer
Dale Wegner, FHWA
Doug Benamati, Deputy Chief Administrative Services
Arthur Swisher, Administrative Services

The overall bid proposal was evaluated and determined to be acceptable. The Bid Tabulation and Price Sensitivity is attached.

The apparent low bidder, Q & D Construction LLC, submitted a bid which is 124% of the Engineer's Estimate. The BRAT recommends award of this contract.

Submitted:

DocuSigned by:
Sharon Foerschler
67A4C09A4CB7477...

Sharon Foerschler, BRAT Co-Chair

DocuSigned by:
Scott Hein
E7F2D4506AC6488...

Scott Hein, BRAT Co-Chair

cc: Attendees
Dennis Gallagher, Legal
Design Admin

Bid Tabulation

January 15, 2021

Contract No.: 3858**Description:** Cold milling and place plantmix bituminous surface with open grade, construct soil nail wall, ADA ramps, stormwater/hydraulic improvements, install ITS conduit. Water quality restoration and erosion control. Reconstruct shoulders to uniform slope, full depth reconstruct at various locations, remove and reconstruct barrier rail.**Location:** SR 28, 1.0 miles north of Sand Harbor to the Nevada/California state line and at Marlette Creek. SR 431, Mount Rose Highway, from SR 28 to 0.062 miles east of Mount Rose Summit**Bid Opening:** January 14, 2021, 2:00 PM**Project No.:** SPSR-0431(022), SPF-028-1(027), STBG-0028(009)**Project Id:** 74079, 74153, 74155**County:** Washoe**Range:** R34 (\$23,500,000.01 to \$28,500,000.00)**Working:** 300

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction		Granite Construction Company		Road and Highway Builders	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1100050	6,000.000	HOUR	TRAINING	\$0.80	\$4,800.00	\$0.80	\$4,800.00	\$0.80	\$4,800.00	\$0.80	\$4,800.00
2010270	2.000	EACH	REMOVE TREES (6-INCHES TO 12-INCHES)	\$500.00	\$1,000.00	\$700.00	\$1,400.00	\$550.00	\$1,100.00	\$400.00	\$800.00
2010290	2.000	EACH	REMOVE TREES (19-INCHES TO 24-INCHES)	\$1,000.00	\$2,000.00	\$1,350.00	\$2,700.00	\$718.00	\$1,436.00	\$1,000.00	\$2,000.00
2010300	2.000	EACH	REMOVE TREES (25-INCHES TO 36-INCHES)	\$2,000.00	\$4,000.00	\$1,950.00	\$3,900.00	\$1,323.00	\$2,646.00	\$3,000.00	\$6,000.00
2020285	462.000	LINFT	REMOVAL OF CULVERT PIPE	\$50.00	\$23,100.00	\$51.00	\$23,562.00	\$30.00	\$13,860.00	\$70.00	\$32,340.00
2020400	16,353.000	LINFT	REMOVAL OF CONCRETE BARRIER RAIL	\$35.00	\$572,355.00	\$24.00	\$392,472.00	\$21.00	\$343,413.00	\$35.00	\$572,355.00
2020475	12,746.000	LINFT	REMOVAL OF GUARDRAIL	\$6.00	\$76,476.00	\$7.50	\$95,595.00	\$7.50	\$95,595.00	\$4.00	\$50,984.00
2020530	1.000	EACH	REMOVAL OF HEADWALL	\$1,500.00	\$1,500.00	\$1,300.00	\$1,300.00	\$1,050.00	\$1,050.00	\$4,000.00	\$4,000.00
2020590	28.000	LINFT	RESET CHAIN LINK FENCE	\$35.00	\$980.00	\$20.00	\$560.00	\$195.00	\$5,460.00	\$40.00	\$1,120.00
2020595	28.000	LINFT	REMOVAL OF CHAIN LINK FENCE	\$45.00	\$1,260.00	\$60.00	\$1,680.00	\$76.00	\$2,128.00	\$10.00	\$280.00
2020625	3.000	EACH	REMOVE EMBANKMENT PROTECTOR	\$1,500.00	\$4,500.00	\$1,550.00	\$4,650.00	\$450.00	\$1,350.00	\$3,000.00	\$9,000.00
2020895	6.000	EACH	REMOVE LIGHTING FIXTURES	\$225.00	\$1,350.00	\$130.00	\$780.00	\$130.00	\$780.00	\$400.00	\$2,400.00
2020921	1.000	EACH	REMOVE FLASHING BEACON SYSTEM	\$750.00	\$750.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$500.00	\$500.00
2020925	46.000	EACH	REMOVAL OF PULL BOX	\$245.00	\$11,270.00	\$130.00	\$5,980.00	\$130.00	\$5,980.00	\$300.00	\$13,800.00
2020935	2,418.925	CUYD	REMOVAL OF COMPOSITE SURFACE	\$75.00	\$181,419.38	\$140.00	\$338,649.50	\$185.00	\$447,501.13	\$120.00	\$290,271.00
2020965	518.000	SQYD	REMOVAL OF BITUMINOUS SURFACE	\$10.00	\$5,180.00	\$29.00	\$15,022.00	\$23.00	\$11,914.00	\$25.00	\$12,950.00
2020990	331,537.500	SQYD	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	\$3.00	\$994,612.50	\$3.30	\$1,094,073.75	\$4.00	\$1,326,150.00	\$10.00	\$3,315,375.00
2020995	9,946.100	SQYD	REMOVAL OF BITUMINOUS SURFACE (MISCELLANEOUS COLD MILLING)	\$5.00	\$49,730.50	\$2.73	\$27,152.85	\$1.00	\$9,946.10	\$2.00	\$19,892.20
2021040	6.000	EACH	REMOVAL OF DROP INLET	\$1,500.00	\$9,000.00	\$1,300.00	\$7,800.00	\$1,300.00	\$7,800.00	\$3,000.00	\$18,000.00
2021220	8.000	LINFT	REMOVAL OF TRENCH DRAIN	\$100.00	\$800.00	\$86.00	\$688.00	\$30.00	\$240.00	\$300.00	\$2,400.00
2021231	20.000	LINFT	REMOVAL OF SLOTTED DRAIN	\$50.00	\$1,000.00	\$134.00	\$2,680.00	\$60.00	\$1,200.00	\$300.00	\$6,000.00
2021287	196,363.500	LINFT	GRINDING FOR PAVEMENT MARKINGS	\$1.25	\$245,454.38	\$1.80	\$353,454.30	\$1.80	\$353,454.30	\$2.50	\$490,908.75
2030130	5.000	CUYD	LARGE ROCK EXCAVATION	\$100.00	\$500.00	\$860.00	\$4,300.00	\$1,300.00	\$6,500.00	\$500.00	\$2,500.00
2030140	6,820.000	CUYD	ROADWAY EXCAVATION	\$65.00	\$443,300.00	\$73.00	\$497,860.00	\$73.00	\$497,860.00	\$80.00	\$545,600.00
2030160	3,149.000	CUYD	DRAINAGE EXCAVATION	\$55.00	\$173,195.00	\$60.00	\$188,940.00	\$51.00	\$160,599.00	\$70.00	\$220,430.00
2030360	618.180	SQYD	BASE PREPARATION	\$4.00	\$2,472.72	\$23.00	\$14,218.14	\$1.50	\$927.27	\$5.00	\$3,090.90
2060110	1,601.800	CUYD	STRUCTURE EXCAVATION	\$75.00	\$120,135.00	\$37.00	\$59,266.60	\$124.00	\$198,623.20	\$100.00	\$160,180.00
2070110	632.600	CUYD	GRANULAR BACKFILL	\$80.00	\$50,608.00	\$70.00	\$44,282.00	\$45.00	\$28,467.00	\$100.00	\$63,260.00
2070130	444.600	CUYD	BACKFILL	\$80.00	\$35,568.00	\$132.00	\$58,687.20	\$65.00	\$28,899.00	\$100.00	\$44,460.00
2070150	76.500	CUYD	SLURRY CEMENT BACKFILL	\$297.71	\$22,774.82	\$206.00	\$15,759.00	\$191.00	\$14,611.50	\$400.00	\$30,600.00
2090130	446.800	CUYD	TYPE 2 DRAIN BACKFILL	\$75.00	\$33,510.00	\$88.00	\$39,318.40	\$100.00	\$44,680.00	\$180.00	\$80,424.00
2110100	490.000	CUYD	TOPSOIL	\$120.00	\$58,800.00	\$98.00	\$48,020.00	\$85.00	\$41,650.00	\$40.00	\$19,600.00
2110270	16,749.700	SQYD	HYDRO-SEEDING	\$5.00	\$83,748.50	\$1.49	\$24,957.05	\$1.49	\$24,957.05	\$2.00	\$33,499.40
2120045	3,285.000	SQYD	PAINTING	\$20.00	\$65,700.00	\$15.00	\$49,275.00	\$60.00	\$197,100.00	\$60.00	\$197,100.00
2120390	1.000	LS	PLANT ESTABLISHMENT WORK	\$20,000.00	\$20,000.00	\$79,800.95	\$79,800.95	\$79,800.95	\$79,800.95	\$30,000.00	\$30,000.00
2120410	58.000	EACH	PLANTS (GROUP A-1)	\$50.00	\$2,900.00	\$149.00	\$8,642.00	\$149.00	\$8,642.00	\$200.00	\$11,600.00
2120801	2,239.200	SQYD	DECORATIVE ROCK (TYPE A)	\$40.00	\$89,568.00	\$37.50	\$83,970.00	\$12.00	\$26,870.40	\$20.00	\$44,784.00
2120820	25.000	EACH	DECORATIVE BOULDER (TYPE A)	\$300.00	\$7,500.00	\$125.00	\$3,125.00	\$245.00	\$6,125.00	\$700.00	\$17,500.00
2120830	23.000	EACH	DECORATIVE BOULDER (TYPE B)	\$500.00	\$11,500.00	\$187.50	\$4,312.50	\$245.00	\$5,635.00	\$1,000.00	\$23,000.00
2120920	116.000	SQFT	PAVING STONES	\$50.00	\$5,800.00	\$25.00	\$2,900.00	\$61.00	\$7,076.00	\$25.00	\$2,900.00
2130630	1.000	FA	ADJUST IRRIGATION SYSTEM	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
3020140	4,492.000	CUYD	TYPE 1 CLASS B AGGREGATE BASE	\$70.00	\$314,440.00	\$71.00	\$318,932.00	\$172.00	\$772,624.00	\$120.00	\$539,040.00
3070100	5,056.150	TON	SHOULDERING MATERIAL	\$24.00	\$121,347.60	\$37.00	\$187,077.55	\$45.00	\$227,526.75	\$40.00	\$202,246.00
4020100	7,815.220	SQYD	PLANTMIXING MISCELLANEOUS AREAS	\$15.00	\$117,228.30	\$12.50	\$97,690.25	\$5.00	\$39,076.10	\$20.00	\$156,304.40
4020110	693.740	SQYD	PLANTMIX PAVED DITCHES	\$20.00	\$13,874.80	\$17.00	\$11,793.58	\$8.50	\$5,896.79	\$25.00	\$17,343.50
4020180	47,464.000	TON	PLANTMIX SURFACING (TYPE 2) (WET)	\$95.00	\$4,509,080.00	\$105.00	\$4,983,720.00	\$122.00	\$5,790,608.00	\$130.00	\$6,170,320.00
4030100	5.023	MILE	MILLED RUMBLE STRIPS	\$1,000.00	\$5,023.00	\$500.00	\$2,511.50	\$938.00	\$4,711.57	\$2,800.00	\$14,064.40
4030110	16,845.000	TON	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	\$110.00	\$1,852,950.00	\$150.00	\$2,526,750.00	\$155.00	\$2,610,975.00	\$170.00	\$2,863,650.00
4060120	11,822.600	SQYD	PRIME COAT	\$2.00	\$23,645.20	\$0.25	\$2,955.65	\$2.50	\$29,556.50	\$0.30	\$3,546.78
4070190	7.100	TON	EMULSIFIED ASPHALT, TYPE SS-1H (DILUTED)	\$1,000.00	\$7,100.00	\$1,100.00	\$7,810.00	\$1,100.00	\$7,810.00	\$1,000.00	\$7,100.00
4070240	1,585.710	TON	SAND BLOTTER	\$50.00	\$79,285.50	\$1.00	\$1,585.71	\$4.00	\$6,342.84	\$6.00	\$9,514.26
5020110	1.000	LS	REPAIR BARRIER RAIL	\$40,000.00	\$40,000.00	\$17,000.00	\$17,000.00	\$13,000.00	\$13,000.00	\$5,000.00	\$5,000.00

Bid Tabulation

January 15, 2021

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction		Granite Construction Company		Road and Highway Builders	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
5020280	16,422.000	LINFT	SINGLE SLOPE CONCRETE BARRIER RAIL, TYPE B	\$200.00	\$3,284,400.00	\$142.00	\$2,331,924.00	\$121.00	\$1,987,062.00	\$160.00	\$2,627,520.00
5020360	1.000	FA	CONCRETE BRIDGE DECK REPAIR	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
5020750	40.350	CUYD	CLASS AA CONCRETE (MINOR)	\$2,000.00	\$80,700.00	\$3,750.00	\$151,312.50	\$3,100.00	\$125,085.00	\$3,000.00	\$121,050.00
5050100	3,088.000	POUND	REINFORCING STEEL	\$3.00	\$9,264.00	\$1.68	\$5,187.84	\$1.00	\$3,088.00	\$4.00	\$12,352.00
5060900	7.000	EACH	BOLLARDS	\$1,500.00	\$10,500.00	\$1,000.00	\$7,000.00	\$1,150.00	\$8,050.00	\$1,000.00	\$7,000.00
6000100	50.000	LINFT	TRENCH DRAIN	\$220.00	\$11,000.00	\$425.00	\$21,250.00	\$525.00	\$26,250.00	\$400.00	\$20,000.00
6030140	150.000	LINFT	15-INCH REINFORCED CONCRETE PIPE, CLASS III	\$100.00	\$15,000.00	\$226.00	\$33,900.00	\$250.00	\$37,500.00	\$350.00	\$52,500.00
6030170	916.000	LINFT	18-INCH REINFORCED CONCRETE PIPE, CLASS III	\$90.00	\$82,440.00	\$194.00	\$177,704.00	\$163.00	\$149,308.00	\$400.00	\$366,400.00
6030230	105.000	LINFT	24-INCH REINFORCED CONCRETE PIPE, CLASS III	\$150.00	\$15,750.00	\$255.00	\$26,775.00	\$265.00	\$27,825.00	\$350.00	\$36,750.00
6030670	8.000	LINFT	23-INCH X 14-INCH OVAL REINFORCED CONCRETE PIPE, CLASS HE III	\$180.00	\$1,440.00	\$272.00	\$2,176.00	\$370.00	\$2,960.00	\$1,000.00	\$8,000.00
6030960	1.000	EACH	23-INCH X 14-INCH OVAL PRECAST END SECTION	\$2,000.00	\$2,000.00	\$2,350.00	\$2,350.00	\$1,720.00	\$1,720.00	\$3,000.00	\$3,000.00
6031020	1.000	EACH	15-INCH PRECAST END SECTION	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$730.00	\$730.00	\$1,500.00	\$1,500.00
6031030	5.000	EACH	18-INCH PRECAST END SECTION	\$1,500.00	\$7,500.00	\$1,600.00	\$8,000.00	\$825.00	\$4,125.00	\$2,000.00	\$10,000.00
6031050	1.000	EACH	24-INCH PRECAST END SECTION	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00	\$960.00	\$960.00	\$2,500.00	\$2,500.00
6042395	1.000	EACH	12-INCH METAL END SECTION	\$600.00	\$600.00	\$575.00	\$575.00	\$120.00	\$120.00	\$1,200.00	\$1,200.00
6042415	4.000	EACH	18-INCH METAL END SECTION	\$800.00	\$3,200.00	\$850.00	\$3,400.00	\$200.00	\$800.00	\$1,600.00	\$6,400.00
6050140	26.000	LINFT	12-INCH HIGH DENSITY POLYETHYLENE PIPE, TYPE S	\$100.00	\$2,600.00	\$84.00	\$2,184.00	\$230.00	\$5,980.00	\$400.00	\$10,400.00
6050160	49.000	LINFT	18-INCH HIGH DENSITY POLYETHYLENE PIPE, TYPE S	\$120.00	\$5,880.00	\$130.00	\$6,370.00	\$245.00	\$12,005.00	\$500.00	\$24,500.00
6071040	296.000	LINFT	4-INCH POLYVINYL CHLORIDE PIPE	\$10.00	\$2,960.00	\$68.00	\$20,128.00	\$7.50	\$2,220.00	\$80.00	\$23,680.00
6071088	5,879.000	LINFT	4-INCH PERFORATED PIPE	\$10.00	\$58,790.00	\$21.00	\$123,459.00	\$7.50	\$44,092.50	\$40.00	\$235,160.00
6080160	1.000	EACH	EMBANKMENT PROTECTOR, TYPE 5 (MODIFIED)	\$5,000.00	\$5,000.00	\$7,100.00	\$7,100.00	\$4,650.00	\$4,650.00	\$5,000.00	\$5,000.00
6080250	9.000	EACH	ANCHOR ASSEMBLY (18-INCH)	\$600.00	\$5,400.00	\$400.00	\$3,600.00	\$485.00	\$4,365.00	\$400.00	\$3,600.00
6080370	145.000	LINFT	18-INCH DOWNDRAIN PIPE	\$150.00	\$21,750.00	\$125.00	\$18,125.00	\$265.00	\$38,425.00	\$300.00	\$43,500.00
6090260	63.000	EACH	ADJUSTING MANHOLE COVERS (METHOD B)	\$1,100.00	\$69,300.00	\$1,250.00	\$78,750.00	\$3,600.00	\$226,800.00	\$1,200.00	\$75,600.00
6090270	3.000	EACH	ADJUSTING MANHOLE COVERS (METHOD C)	\$1,500.00	\$4,500.00	\$925.00	\$2,775.00	\$1,900.00	\$5,700.00	\$1,500.00	\$4,500.00
6090290	1.000	EACH	CONNECT TO EXISTING MANHOLE	\$2,000.00	\$2,000.00	\$2,900.00	\$2,900.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
6090380	4.000	EACH	TYPE 1 MANHOLE (MODIFIED)	\$7,000.00	\$28,000.00	\$9,200.00	\$36,800.00	\$9,400.00	\$37,600.00	\$7,000.00	\$28,000.00
6090570	4.000	EACH	ADJUSTING COVERS (SPECIAL)	\$1,500.00	\$6,000.00	\$1,300.00	\$5,200.00	\$1,650.00	\$6,600.00	\$1,200.00	\$4,800.00
6090600	60.000	EACH	ADJUSTING VALVE COVERS (METHOD B)	\$1,200.00	\$72,000.00	\$770.00	\$46,200.00	\$1,650.00	\$99,000.00	\$1,000.00	\$60,000.00
6090620	2.000	EACH	ADJUST DROP INLET	\$1,500.00	\$3,000.00	\$2,600.00	\$5,200.00	\$1,900.00	\$3,800.00	\$3,000.00	\$6,000.00
6091030	2,200.000	POUND	CASTINGS	\$3.00	\$6,600.00	\$3.00	\$6,600.00	\$6.00	\$13,200.00	\$3.00	\$6,600.00
6091040	8,700.000	POUND	STRUCTURAL STEEL GRATES	\$2.50	\$21,750.00	\$4.50	\$39,150.00	\$2.24	\$19,488.00	\$3.00	\$26,100.00
6091705	1.000	FA	PIPE REPAIR	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
6091730	169.000	LINFT	18-INCH PIPE LINER	\$300.00	\$50,700.00	\$172.00	\$29,068.00	\$172.00	\$29,068.00	\$400.00	\$67,600.00
6091742	1,334.000	LINFT	24-INCH PIPE LINER	\$200.00	\$266,800.00	\$218.00	\$290,812.00	\$218.00	\$290,812.00	\$500.00	\$667,000.00
6091755	125.000	LINFT	30-INCH PIPE LINER	\$200.00	\$25,000.00	\$250.00	\$31,250.00	\$250.00	\$31,250.00	\$600.00	\$75,000.00
6091764	163.000	LINFT	36-INCH PIPE LINER	\$250.00	\$40,750.00	\$409.00	\$66,667.00	\$409.00	\$66,667.00	\$700.00	\$114,100.00
6091784	76.000	LINFT	60-INCH PIPE LINER	\$500.00	\$38,000.00	\$1,161.00	\$88,236.00	\$1,161.00	\$88,236.00	\$1,000.00	\$76,000.00
6100050	5,110.000	SQYD	GEOTEXTILE (CLASS 1)	\$4.00	\$20,440.00	\$1.60	\$8,176.00	\$3.00	\$15,330.00	\$2.00	\$10,220.00
6100170	99.000	CUYD	RIPRAP (CLASS 150)	\$125.00	\$12,375.00	\$103.00	\$10,197.00	\$127.00	\$12,573.00	\$150.00	\$14,850.00
6100190	2,056.000	CUYD	RIPRAP (CLASS 300)	\$100.00	\$205,600.00	\$125.00	\$257,000.00	\$100.00	\$205,600.00	\$160.00	\$328,960.00
6100460	66.000	CUYD	RIPRAP BEDDING (CLASS 150)	\$110.00	\$7,260.00	\$122.00	\$8,052.00	\$82.00	\$5,412.00	\$140.00	\$9,240.00
6100470	130.000	CUYD	RIPRAP BEDDING (CLASS 300)	\$120.00	\$15,600.00	\$172.00	\$22,360.00	\$110.00	\$14,300.00	\$160.00	\$20,800.00
6100585	876.000	SQYD	ARTICULATED CONCRETE BLOCK	\$200.00	\$175,200.00	\$162.00	\$141,912.00	\$135.00	\$118,260.00	\$150.00	\$131,400.00
6130130	82.820	SQYD	DETECTABLE WARNINGS	\$400.00	\$33,128.00	\$400.00	\$33,128.00	\$310.00	\$25,674.20	\$140.00	\$11,594.80
6130240	97.000	LINFT	CLASS AA CONCRETE CURB (TYPE 2)	\$40.00	\$3,880.00	\$53.00	\$5,141.00	\$36.00	\$3,492.00	\$80.00	\$7,760.00
6130590	133.000	LINFT	CLASS AA CONCRETE VALLEY GUTTER (TYPE 1)	\$40.00	\$5,320.00	\$66.00	\$8,778.00	\$40.00	\$5,320.00	\$90.00	\$11,970.00
6130600	77.000	LINFT	CLASS AA CONCRETE VALLEY GUTTER (TYPE 2)	\$40.00	\$3,080.00	\$79.00	\$6,083.00	\$39.00	\$3,003.00	\$100.00	\$7,700.00
6130610	198.000	LINFT	CLASS AA CONCRETE VALLEY GUTTER (SPECIAL)	\$75.00	\$14,850.00	\$99.00	\$19,602.00	\$38.00	\$7,524.00	\$140.00	\$27,720.00
6130780	9,587.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 1)	\$35.00	\$335,545.00	\$37.00	\$354,719.00	\$27.00	\$258,849.00	\$60.00	\$575,220.00
6130830	753.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 5)	\$40.00	\$30,120.00	\$49.00	\$36,897.00	\$38.00	\$28,614.00	\$60.00	\$45,180.00
6130850	4,698.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 6)	\$35.00	\$164,430.00	\$50.00	\$234,900.00	\$35.00	\$164,430.00	\$60.00	\$281,880.00
6130860	1,286.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 6) (MODIFIED)	\$45.00	\$57,870.00	\$48.00	\$61,728.00	\$35.00	\$45,010.00	\$70.00	\$90,020.00
6130890	1,280.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 8)	\$45.00	\$57,600.00	\$37.00	\$47,360.00	\$25.00	\$32,000.00	\$70.00	\$89,600.00
6131140	1,731.400	SQYD	CLASS AA CONCRETE SIDEWALK (4-INCH)	\$55.00	\$95,227.00	\$84.00	\$145,437.60	\$68.00	\$117,735.20	\$50.00	\$86,570.00
6131270	647.800	SQYD	CLASS AA CONCRETE DRIVEWAY (6-INCH)	\$100.00	\$64,780.00	\$105.00	\$68,019.00	\$100.00	\$64,780.00	\$80.00	\$51,824.00
6131300	261.010	SQYD	CLASS AA CONCRETE DRIVEWAY (9-INCH) (REINFORCED)	\$120.00	\$31,321.20	\$240.00	\$62,642.40	\$320.00	\$83,523.20	\$120.00	\$31,321.20
6131370	109.300	SQYD	CLASS AA CONCRETE SLAB (4-INCH)	\$100.00	\$10,930.00	\$162.59	\$17,771.09	\$110.00	\$12,023.00	\$100.00	\$10,930.00
6131430	781.090	SQYD	CLASS AA CONCRETE RAMP (4-INCH)	\$150.00	\$117,163.50	\$125.00	\$97,636.25	\$105.00	\$82,014.45	\$100.00	\$78,109.00

Bid Tabulation

January 15, 2021

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction		Granite Construction Company		Road and Highway Builders	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6160410	1.000	EACH	3-FOOT METAL WALK GATE	\$1,500.00	\$1,500.00	\$750.00	\$750.00	\$2,867.00	\$2,867.00	\$1,000.00	\$1,000.00
6160500	1.000	EACH	20-FOOT SWING GATE (DOUBLE)	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$5,451.00	\$5,451.00	\$3,000.00	\$3,000.00
6161200	60.000	LINFT	72-INCH CHAIN-LINK FENCE	\$40.00	\$2,400.00	\$90.00	\$5,400.00	\$146.00	\$8,760.00	\$60.00	\$3,600.00
6180110	60.000	EACH	GUARDRAIL POSTS	\$100.00	\$6,000.00	\$150.00	\$9,000.00	\$150.00	\$9,000.00	\$60.00	\$3,600.00
6180120	60.000	EACH	GUARDRAIL BLOCKS	\$25.00	\$1,500.00	\$50.00	\$3,000.00	\$50.00	\$3,000.00	\$30.00	\$1,800.00
6180250	14,813.000	LINFT	REMOVE AND RESET GUARDRAIL	\$7.00	\$103,691.00	\$5.50	\$81,471.50	\$5.50	\$81,471.50	\$3.00	\$44,439.00
6180260	1.000	EACH	BURIED END ANCHOR	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
6180350	29.000	EACH	GUARDRAIL TERMINAL (FLARED)	\$3,000.00	\$87,000.00	\$3,800.00	\$110,200.00	\$3,800.00	\$110,200.00	\$4,000.00	\$116,000.00
6180360	19.000	EACH	GUARDRAIL TERMINAL (TANGENTIAL)	\$4,000.00	\$76,000.00	\$4,250.00	\$80,750.00	\$4,250.00	\$80,750.00	\$5,000.00	\$95,000.00
6180390	7.000	EACH	GUARDRAIL-BARRIER RAIL CONNECTION	\$4,000.00	\$28,000.00	\$5,250.00	\$36,750.00	\$5,250.00	\$36,750.00	\$6,000.00	\$42,000.00
6180400	1.000	EACH	GUARDRAIL- BARRIER RAIL CONNECTION (TRIPLE CORRUGATION)	\$4,500.00	\$4,500.00	\$5,250.00	\$5,250.00	\$5,250.00	\$5,250.00	\$2,500.00	\$2,500.00
6180540	10,944.000	LINFT	GALVANIZED GUARDRAIL	\$35.00	\$383,040.00	\$39.25	\$429,552.00	\$39.25	\$429,552.00	\$40.00	\$437,760.00
6180550	188.000	LINFT	GALVANIZED GUARDRAIL (TRIPLE CORRUGATION)	\$50.00	\$9,400.00	\$50.00	\$9,400.00	\$50.00	\$9,400.00	\$80.00	\$15,040.00
6190200	822.000	EACH	GUIDE POSTS (RIGID)	\$50.00	\$41,100.00	\$50.00	\$41,100.00	\$150.00	\$123,300.00	\$40.00	\$32,880.00
6190280	1.000	EACH	OBJECT MARKERS, TYPE 3	\$180.00	\$180.00	\$150.00	\$150.00	\$150.00	\$150.00	\$750.00	\$750.00
6230201	50.000	EACH	ITS VAULT	\$6,000.00	\$300,000.00	\$5,100.00	\$255,000.00	\$5,100.00	\$255,000.00	\$6,000.00	\$300,000.00
6230210	3.000	EACH	PULL BOX (A)	\$4,000.00	\$12,000.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$2,000.00	\$6,000.00
6230215	1.000	EACH	PULL BOX (B)	\$7,500.00	\$7,500.00	\$900.00	\$900.00	\$900.00	\$900.00	\$3,000.00	\$3,000.00
6230226	10.000	EACH	NO. 3-1/2 PULL BOX, MODIFIED	\$1,100.00	\$11,000.00	\$860.00	\$8,600.00	\$860.00	\$8,600.00	\$1,000.00	\$10,000.00
6230230	17.000	EACH	NO. 5 PULL BOX	\$682.17	\$11,596.89	\$890.00	\$15,130.00	\$890.00	\$15,130.00	\$1,400.00	\$23,800.00
6230232	20.000	EACH	NO. 5 PULL BOX, MODIFIED	\$1,525.00	\$30,500.00	\$1,100.00	\$22,000.00	\$1,100.00	\$22,000.00	\$1,600.00	\$32,000.00
6230236	46.000	EACH	NO. 7 PULL BOX, MODIFIED	\$2,000.00	\$92,000.00	\$1,500.00	\$69,000.00	\$1,500.00	\$69,000.00	\$1,800.00	\$82,800.00
6230268	12.000	EACH	LUMINAIRE, TYPE B	\$700.00	\$8,400.00	\$510.00	\$6,120.00	\$510.00	\$6,120.00	\$1,000.00	\$12,000.00
6230537	8.000	EACH	SOLAR POLE	\$11,000.00	\$88,000.00	\$15,600.00	\$124,800.00	\$15,600.00	\$124,800.00	\$5,000.00	\$40,000.00
6230545	1.000	EACH	STEEL POLE, TYPE 1A	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$7,000.00	\$7,000.00
6230555	8.000	EACH	STEEL POLE, TYPE 1B	\$2,400.00	\$19,200.00	\$2,200.00	\$17,600.00	\$2,200.00	\$17,600.00	\$10,000.00	\$80,000.00
6230570	5.000	EACH	STEEL POLE, TYPE 7	\$6,900.00	\$34,500.00	\$5,700.00	\$28,500.00	\$5,700.00	\$28,500.00	\$12,000.00	\$60,000.00
6230575	5.000	EACH	STEEL POLE, TYPE 7 (WITH SAFETY BASE)	\$7,250.00	\$36,250.00	\$6,400.00	\$32,000.00	\$6,400.00	\$32,000.00	\$14,000.00	\$70,000.00
6230653	8.000	EACH	ITS POLE (30 FOOT)	\$13,700.00	\$109,600.00	\$11,600.00	\$92,800.00	\$11,600.00	\$92,800.00	\$20,000.00	\$160,000.00
6230715	29.000	EACH	MODIFY TRAFFIC SIGNAL HEAD	\$450.00	\$13,050.00	\$320.00	\$9,280.00	\$320.00	\$9,280.00	\$1,500.00	\$43,500.00
6230735	4.000	EACH	PEDESTRIAN SIGNAL HEAD 1W	\$1,150.00	\$4,600.00	\$460.00	\$1,840.00	\$460.00	\$1,840.00	\$1,200.00	\$4,800.00
6230750	7.000	EACH	PEDESTRIAN SIGNAL HEAD 1W, POST TOP	\$1,100.00	\$7,700.00	\$910.00	\$6,370.00	\$910.00	\$6,370.00	\$1,500.00	\$10,500.00
6230755	2.000	EACH	PEDESTRIAN SIGNAL HEAD 2W, POST TOP	\$1,425.00	\$2,850.00	\$1,290.00	\$2,580.00	\$1,290.00	\$2,580.00	\$1,600.00	\$3,200.00
6230770	27.000	EACH	PEDESTRIAN PUSH BUTTON WITH SIGN	\$1,850.00	\$49,950.00	\$1,670.00	\$45,090.00	\$1,670.00	\$45,090.00	\$1,200.00	\$32,400.00
6230775	26.000	EACH	LOOP DETECTOR	\$700.00	\$18,200.00	\$580.00	\$15,080.00	\$580.00	\$15,080.00	\$700.00	\$18,200.00
6230921	6.000	EACH	RADAR DETECTOR SYSTEM	\$10,750.00	\$64,500.00	\$13,600.00	\$81,600.00	\$13,600.00	\$81,600.00	\$4,000.00	\$24,000.00
6231056	4.000	EACH	MODIFY SIGNAL CABINET	\$1,450.00	\$5,800.00	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00	\$4,000.00	\$16,000.00
6231061	6.000	EACH	COMMUNICATION CABINET	\$14,750.00	\$88,500.00	\$11,600.00	\$69,600.00	\$11,600.00	\$69,600.00	\$8,000.00	\$48,000.00
6231105	2.000	EACH	FLASHING BEACON CONTROLLER	\$5,500.00	\$11,000.00	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00	\$1,000.00	\$2,000.00
6231115	1.000	LS	ROAD AND WEATHER INFORMATION SYSTEM	\$180,000.00	\$180,000.00	\$191,200.00	\$191,200.00	\$191,200.00	\$191,200.00	\$250,000.00	\$250,000.00
6231205	1.000	EACH	MODIFY COMMUNICATION BUILDING	\$2,500.00	\$2,500.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$7,000.00	\$7,000.00
6231259	2,001.000	LINFT	ETHERNET CABLE	\$5.50	\$11,005.50	\$3.40	\$6,803.40	\$3.40	\$6,803.40	\$10.00	\$20,010.00
6231261	8.000	EACH	FIELD HARDENED ETHERNET SWITCH	\$12,500.00	\$100,000.00	\$10,100.00	\$80,800.00	\$10,100.00	\$80,800.00	\$3,000.00	\$24,000.00
6231325	12.000	EACH	REMOVAL OF EXISTING TRAFFIC SIGNAL HEAD	\$400.00	\$4,800.00	\$130.00	\$1,560.00	\$130.00	\$1,560.00	\$1,000.00	\$12,000.00
6231345	3.000	EACH	REMOVAL OF EXISTING SIGNAL POLE	\$450.00	\$1,350.00	\$3,400.00	\$10,200.00	\$3,400.00	\$10,200.00	\$2,500.00	\$7,500.00
6231370	1.000	LS	REMOVAL OF CONDUIT AND CONDUCTORS	\$2,500.00	\$2,500.00	\$17,200.00	\$17,200.00	\$17,200.00	\$17,200.00	\$20,000.00	\$20,000.00
6231375	7.000	EACH	REMOVAL OF POLE	\$1,330.00	\$9,310.00	\$1,400.00	\$9,800.00	\$1,400.00	\$9,800.00	\$1,500.00	\$10,500.00
6231395	31.000	EACH	REMOVE PEDESTRIAN PUSH BUTTON AND SIGN	\$200.00	\$6,200.00	\$160.00	\$4,960.00	\$160.00	\$4,960.00	\$500.00	\$15,500.00
6231405	3.000	EACH	REMOVE POLE MOUNTED CONTROLLER	\$630.00	\$1,890.00	\$130.00	\$390.00	\$130.00	\$390.00	\$1,200.00	\$3,600.00
6231605	8.000	EACH	SOLAR POWER SUPPLY	\$37,250.00	\$298,000.00	\$24,700.00	\$197,600.00	\$24,700.00	\$197,600.00	\$3,000.00	\$24,000.00
6231612	8.000	EACH	EQUIPMENT CABINET	\$3,000.00	\$24,000.00	\$5,300.00	\$42,400.00	\$5,300.00	\$42,400.00	\$10,000.00	\$80,000.00
6231620	3.000	EACH	UNDERGROUND ELECTRICAL SERVICE	\$7,500.00	\$22,500.00	\$7,600.00	\$22,800.00	\$7,600.00	\$22,800.00	\$5,000.00	\$15,000.00
6231635	10.000	EACH	MODIFY ELECTRICAL SERVICE	\$1,000.00	\$10,000.00	\$300.00	\$3,000.00	\$300.00	\$3,000.00	\$2,500.00	\$25,000.00
6231755	1.000	EACH	DETAIL 1 INSTALLATION	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00
6231790	160.000	LINFT	1 1/4-INCH CONDUIT	\$20.00	\$3,200.00	\$30.00	\$4,800.00	\$30.00	\$4,800.00	\$20.00	\$3,200.00
6231795	1,081.000	LINFT	1 1/2-INCH CONDUIT	\$21.00	\$22,701.00	\$33.00	\$35,673.00	\$33.00	\$35,673.00	\$20.00	\$21,620.00
6231805	113.000	LINFT	2-INCH CONDUIT	\$32.00	\$3,616.00	\$42.00	\$4,746.00	\$42.00	\$4,746.00	\$25.00	\$2,825.00
6231820	79,918.000	LINFT	3-INCH CONDUIT	\$11.00	\$879,098.00	\$23.10	\$1,846,105.80	\$23.10	\$1,846,105.80	\$25.00	\$1,997,950.00
6231830	20.000	LINFT	4-INCH CONDUIT	\$40.00	\$800.00	\$71.00	\$1,420.00	\$71.00	\$1,420.00	\$40.00	\$800.00

Bid Tabulation

January 15, 2021

Item No.	Quantity	Unit	Description	Engineer's Estimate		Q & D Construction		Granite Construction Company		Road and Highway Builders	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6231850	152,566.000	LINFT	4-INCH MULTIDUCT CONDUIT	\$19.00	\$2,898,754.00	\$25.75	\$3,928,574.50	\$25.70	\$3,920,946.20	\$25.00	\$3,814,150.00
6231970	32,937.000	LINFT	NO. 4 CONDUCTOR	\$2.50	\$82,342.50	\$2.30	\$75,755.10	\$2.30	\$75,755.10	\$2.00	\$65,874.00
6231975	22,543.000	LINFT	NO. 6 CONDUCTOR	\$1.75	\$39,450.25	\$1.60	\$36,068.80	\$1.60	\$36,068.80	\$1.50	\$33,814.50
6231980	248.000	LINFT	NO. 8 CONDUCTOR	\$1.50	\$372.00	\$1.50	\$372.00	\$1.50	\$372.00	\$1.00	\$248.00
6231985	4,367.000	LINFT	NO. 10 CONDUCTOR	\$1.30	\$5,677.10	\$1.20	\$5,240.40	\$1.20	\$5,240.40	\$1.00	\$4,367.00
6231995	5,446.000	LINFT	NO. 14 CONDUCTOR	\$1.20	\$6,535.20	\$1.00	\$5,446.00	\$1.00	\$5,446.00	\$1.00	\$5,446.00
6232040	487.000	LINFT	3 CONDUCTOR NO. 20 CABLE	\$5.00	\$2,435.00	\$2.40	\$1,168.80	\$2.40	\$1,168.80	\$3.00	\$1,461.00
6232070	2,652.000	LINFT	15 CONDUCTOR NO. 14 CABLE	\$4.00	\$10,608.00	\$4.00	\$10,608.00	\$4.00	\$10,608.00	\$3.00	\$7,956.00
6232090	2,604.000	LINFT	25 CONDUCTOR NO. 14 CABLE	\$4.00	\$10,416.00	\$7.00	\$18,228.00	\$7.00	\$18,228.00	\$3.00	\$7,812.00
6232174	3.000	EACH	PATCH PANEL	\$1,000.00	\$3,000.00	\$17,000.00	\$51,000.00	\$17,000.00	\$51,000.00	\$2,000.00	\$6,000.00
6232175	77,987.000	LINFT	FIBER OPTIC CABLE	\$5.00	\$389,935.00	\$4.10	\$319,746.70	\$4.10	\$319,746.70	\$4.00	\$311,948.00
6232179	2,877.000	LINFT	FIBER OPTIC BRANCH CABLE	\$16.00	\$46,032.00	\$7.10	\$20,426.70	\$7.10	\$20,426.70	\$5.00	\$14,385.00
6232440	2.000	EACH	SIGNAL HEAD 1W4C, BRACKET	\$2,200.00	\$4,400.00	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00
6232495	3.000	EACH	SIGNAL HEAD 2W3C/4C, BRACKET	\$3,000.00	\$9,000.00	\$3,100.00	\$9,300.00	\$3,100.00	\$9,300.00	\$1,500.00	\$4,500.00
6232540	6.000	EACH	SIGNAL HEAD 1W4C, MAST ARM	\$1,350.00	\$8,100.00	\$1,030.00	\$6,180.00	\$1,030.00	\$6,180.00	\$4,000.00	\$24,000.00
6232554	1.000	EACH	SIGNAL HEAD 1W4C, POST TOP	\$2,100.00	\$2,100.00	\$1,300.00	\$1,300.00	\$1,300.00	\$1,300.00	\$3,000.00	\$3,000.00
6232675	155.000	SQFT	REMOVE TRAFFIC SIGNAL SIGNS	\$7.50	\$1,162.50	\$4.00	\$620.00	\$4.00	\$620.00	\$10.00	\$1,550.00
6232680	117.000	SQFT	TRAFFIC SIGNAL SIGNS	\$100.00	\$11,700.00	\$26.00	\$3,042.00	\$26.00	\$3,042.00	\$150.00	\$17,550.00
6232915	11.000	EACH	INTEGRATED FIBER OPTIC SPLICE/TERMINATION UNIT (UNDERGROUND)	\$3,500.00	\$38,500.00	\$1,900.00	\$20,900.00	\$1,900.00	\$20,900.00	\$3,000.00	\$33,000.00
6232930	20.000	EACH	VIDEO OPTICAL TRANSCEIVER (VOTR) PAIR	\$1,350.00	\$27,000.00	\$830.00	\$16,600.00	\$830.00	\$16,600.00	\$5,000.00	\$100,000.00
6233030	5.000	EACH	CCTV CAMERA (PTZ)	\$8,500.00	\$42,500.00	\$8,200.00	\$41,000.00	\$8,200.00	\$41,000.00	\$5,000.00	\$25,000.00
6233040	4.000	EACH	RECTANGULAR RAPID FLASHING BEACON	\$2,000.00	\$8,000.00	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00	\$2,500.00	\$10,000.00
6233045	2.000	EACH	RECTANGULAR RAPID FLASHING BEACON CONTROLLER (TYPE 1)	\$2,700.00	\$5,400.00	\$3,200.00	\$6,400.00	\$3,200.00	\$6,400.00	\$1,500.00	\$3,000.00
6240130	1.000	FA	UNIFORMED TRAFFIC CONTROL OFFICER	\$162,526.00	\$162,526.00	\$162,526.00	\$162,526.00	\$162,526.00	\$162,526.00	\$162,526.00	\$162,526.00
6240140	300.000	DAY	TRAFFIC CONTROL SUPERVISOR	\$900.00	\$270,000.00	\$1,100.00	\$330,000.00	\$1,500.00	\$450,000.00	\$1,500.00	\$450,000.00
6240280	60.000	HOUR	RENT EQUIPMENT (DUMP TRUCK)	\$150.00	\$9,000.00	\$135.00	\$8,100.00	\$195.00	\$11,700.00	\$150.00	\$9,000.00
6240420	85.000	HOUR	RENT EQUIPMENT (BACKHOE)	\$150.00	\$12,750.00	\$140.00	\$11,900.00	\$68.00	\$5,780.00	\$130.00	\$11,050.00
6250490	1.000	LS	RENT TRAFFIC CONTROL DEVICES	\$1,800,000.00	\$1,800,000.00	\$3,671,453.61	\$3,671,453.61	\$2,500,000.00	\$2,500,000.00	\$2,100,000.00	\$2,100,000.00
6270100	1.000	LS	INSTALL STATE FURNISHED SIGNS	\$10,000.00	\$10,000.00	\$2,100.00	\$2,100.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00
6270190	2,741.790	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$90.00	\$246,761.10	\$205.00	\$562,066.95	\$205.00	\$562,066.95	\$200.00	\$548,358.00
6270200	74.000	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (SPECIAL METAL SUPPORTS)	\$100.00	\$7,400.00	\$125.00	\$9,250.00	\$125.00	\$9,250.00	\$150.00	\$11,100.00
6270220	344.400	SQFT	PERMANENT SIGN PANELS (PANELS ONLY)	\$37.00	\$12,742.80	\$55.00	\$18,942.00	\$55.00	\$18,942.00	\$50.00	\$17,220.00
6270240	2,741.820	SQFT	PERMANENT SIGNS, REMOVE	\$8.00	\$21,934.56	\$6.10	\$16,725.10	\$6.00	\$16,450.92	\$10.00	\$27,418.20
6270250	302.250	SQFT	PERMANENT SIGNS, REMOVE (PANEL ONLY)	\$10.00	\$3,022.50	\$6.10	\$1,843.73	\$6.00	\$1,813.50	\$10.00	\$3,022.50
6280120	1.000	LS	MOBILIZATION	\$1,603,590.35	\$1,603,590.35	\$3,500,000.00	\$3,500,000.00	\$3,600,000.00	\$3,600,000.00	\$3,980,047.70	\$3,980,047.70
6320800	1,224.300	SQFT	EPOXY PAVEMENT STRIPING (VARIES)	\$10.00	\$12,243.00	\$12.10	\$14,814.03	\$12.00	\$14,691.60	\$5.00	\$6,121.50
6320810	528.768	LINFT	EPOXY PAVEMENT STRIPING (DOTTED WHITE)	\$1.50	\$793.15	\$1.30	\$687.40	\$1.30	\$687.40	\$3.00	\$1,586.30
6320820	483.507	LINFT	EPOXY PAVEMENT STRIPING (6-INCH DOTTED WHITE)	\$1.50	\$725.26	\$1.30	\$628.56	\$1.30	\$628.56	\$3.00	\$1,450.52
6320830	247.368	LINFT	EPOXY PAVEMENT STRIPING (8-INCH DOTTED WHITE)	\$2.50	\$618.42	\$1.50	\$371.05	\$1.50	\$371.05	\$3.00	\$742.10
6320910	21.300	MILE	EPOXY PAVEMENT STRIPING (SOLID WHITE)	\$1,800.00	\$38,340.00	\$2,200.00	\$46,860.00	\$2,150.00	\$45,795.00	\$3,000.00	\$63,900.00
6320920	5.871	MILE	EPOXY PAVEMENT STRIPING (6-INCH SOLID WHITE)	\$3,000.00	\$17,613.00	\$2,525.00	\$14,824.28	\$2,500.00	\$14,677.50	\$3,200.00	\$18,787.20
6320930	1,749.563	LINFT	EPOXY PAVEMENT STRIPING (8-INCH SOLID WHITE)	\$2.50	\$4,373.91	\$2.25	\$3,936.52	\$2.00	\$3,499.13	\$3.00	\$5,248.69
6320970	3,846.814	LINFT	EPOXY PAVEMENT STRIPING (24-INCH SOLID WHITE)	\$15.00	\$57,702.21	\$12.15	\$46,738.79	\$12.00	\$46,161.77	\$12.00	\$46,161.77
6320980	0.840	MILE	EPOXY PAVEMENT STRIPING (BROKEN YELLOW)	\$4,000.00	\$3,360.00	\$101.00	\$84.84	\$1,000.00	\$840.00	\$2,000.00	\$1,680.00
6321000	1,925.215	LINFT	EPOXY PAVEMENT STRIPING (SOLID YELLOW)	\$1.25	\$2,406.52	\$1.30	\$2,502.78	\$1.30	\$2,502.78	\$2.00	\$3,850.43
6321060	2.150	MILE	EPOXY PAVEMENT STRIPING (BROKEN YELLOW W/SOLID YELLOW)	\$2,500.00	\$5,375.00	\$2,500.00	\$5,375.00	\$2,500.00	\$5,375.00	\$2,800.00	\$6,020.00
6321080	11.520	MILE	EPOXY PAVEMENT STRIPING (DOUBLE SOLID YELLOW)	\$4,000.00	\$46,080.00	\$3,280.00	\$37,785.60	\$3,250.00	\$37,440.00	\$3,200.00	\$36,864.00
6370110	1.000	LS	TEMPORARY POLLUTION CONTROL	\$269,254.61	\$269,254.61	\$100,000.00	\$100,000.00	\$470,449.04	\$470,449.04	\$400,000.00	\$400,000.00
6400120	273.800	SQFT	MASONRY RETAINING WALL	\$50.00	\$13,690.00	\$83.00	\$22,725.40	\$40.00	\$10,952.00	\$25.00	\$6,845.00
6410100	2.000	EACH	IMPACT ATTENUATOR	\$28,000.00	\$56,000.00	\$32,000.00	\$64,000.00	\$35,000.00	\$70,000.00	\$40,000.00	\$80,000.00
6440100	1,760.000	LINFT	SOIL NAIL	\$100.00	\$176,000.00	\$181.00	\$318,560.00	\$300.00	\$528,000.00	\$90.00	\$158,400.00
6460110	518.000	SQYD	BRIDGE DECK PREPARATION	\$20.00	\$10,360.00	\$3.75	\$1,942.50	\$38.00	\$19,684.00	\$12.00	\$6,216.00
6460180	518.000	SQYD	LIQUID MEMBRANE	\$50.00	\$25,900.00	\$78.00	\$40,404.00	\$109.80	\$56,876.40	\$60.00	\$31,080.00
6600125	490.000	SQYD	PNEUMATICALLY PLACED CONCRETE MORTAR (12-INCHES)	\$400.00	\$196,000.00	\$460.00	\$225,400.00	\$500.00	\$245,000.00	\$400.00	\$196,000.00
6600995	394.000	SQYD	PNEUMATICALLY PLACED CONCRETE MORTAR (4-INCHES)	\$125.00	\$49,250.00	\$129.00	\$50,826.00	\$200.00	\$78,800.00	\$200.00	\$78,800.00
Totals:					\$28,486,696.23		\$35,300,000.00		\$36,222,222.00		\$40,646,646.00

Price Sensitivity

January 15, 2021

Contract No.: 3858
 Project No.: SPSR-0431(022), SPF-028-1(027), STBG-0028(009)
 Project Id: 74153, 74079, 74155
 County: Washoe
 Range: R34 \$23,500,000.01 to \$28,500,000.00
 Working: 300

RE: Bhupinder Sandhu
 Designer: Billy Ezell

Engineer's Estimate	Q & D Construction	Granite Construction	Diff. Between Low & 2nd	Diff Between EE & Low	Low Bid % of EE
\$28,486,696.23	\$35,300,000.00	\$36,222,222.00	\$922,222.00	\$6,813,303.77	124%

Item No.	Quantity	Unit	Description	Engineer's Est. Unit Price	Low Bid Unit Price	2nd Low Bid Unit Price	Qty Chg Req'd to Chg Bid Order	% Change in Qty Req'd	Low % of EE	Significantly Unbalanced	Price & Quantity Check Comments
2020400	16353.000	LINFT	REMOVAL OF CONCRETE BARRIER RAIL	\$35.00	\$24.00	\$21.00	307,407.33	1880%	69%	Yes	EE OK / QTY OK
2020475	12746.000	LINFT	REMOVAL OF GUARDRAIL	\$6.00	\$7.50	\$7.50	N/A	N/A	125%	No	EE OK / QTY OK
2020935	2418.925	CUYD	REMOVAL OF COMPOSITE SURFACE	\$75.00	\$140.00	\$185.00	-20,493.82	-847%	187%	Yes	EE low; contractor bid price reasonable / QTY OK
2020990	331537.500	SQYD	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	\$3.00	\$3.30	\$4.00	-1,317,460.00	-397%	110%	No	EE OK / QTY OK
2021287	196363.500	LINFT	GRINDING FOR PAVEMENT MARKINGS	\$1.25	\$1.80	\$1.80	N/A	N/A	144%	No	EE OK / QTY OK
2030140	6820.000	CUYD	ROADWAY EXCAVATION	\$65.00	\$73.00	\$73.00	N/A	N/A	112%	No	EE OK / QTY OK
2030160	3149.000	CUYD	DRAINAGE EXCAVATION	\$55.00	\$60.00	\$51.00	102,469.11	3254%	109%	No	EE OK / QTY OK
2060110	1601.800	CUYD	STRUCTURE EXCAVATION	\$75.00	\$37.00	\$124.00	-10,600.25	-662%	49%	Yes	EE OK / QTY OK
2070110	632.600	CUYD	GRANULAR BACKFILL	\$80.00	\$70.00	\$45.00	36,888.88	5831%	88%	No	EE OK / QTY OK
2070130	444.600	CUYD	BACKFILL	\$80.00	\$132.00	\$65.00	13,764.51	3096%	165%	Yes	EE OK / QTY should be 429.33 CY
2110100	490.000	CUYD	TOPSOIL	\$120.00	\$98.00	\$85.00	70,940.15	14478%	82%	No	EE OK / QTY OK
2110270	16749.700	SQYD	HYDRO-SEEDING	\$5.00	\$1.49	\$1.49	N/A	N/A	30%	Yes	EE OK / QTY OK
2120045	3285.000	SQYD	PAINTING	\$20.00	\$15.00	\$60.00	-20,493.82	-624%	75%	No	EE OK / QTY OK
2120390	1.000	LS	PLANT ESTABLISHMENT WORK	\$20,000.00	\$79,800.95	\$79,800.95	N/A	N/A	399%	Yes	EE Low/ QTY OK
2120801	2239.200	SQYD	DECORATIVE ROCK (TYPE A)	\$40.00	\$37.50	\$12.00	36,165.57	1615%	94%	No	EE OK / QTY OK
3020140	4492.000	CUYD	TYPE 1 CLASS B AGGREGATE BASE	\$70.00	\$71.00	\$172.00	-9,130.91	-203%	101%	No	EE OK / QTY OK
3070100	5056.150	TON	SHOULDERING MATERIAL	\$24.00	\$37.00	\$45.00	-115,277.75	-2280%	154%	Yes	EE OK / QTY OK
4020100	7815.220	SQYD	PLANTMIXING MISCELLANEOUS AREAS	\$15.00	\$12.50	\$5.00	122,962.93	1573%	83%	No	EE OK / QTY OK
4020180	47464.000	TON	PLANTMIX SURFACING (TYPE 2) (WET)	\$95.00	\$105.00	\$122.00	-54,248.35	-114%	111%	No	EE OK / QTY OK
4030110	16845.000	TON	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	\$110.00	\$150.00	\$155.00	-184,444.40	-1095%	136%	No	EE OK / QTY OK
4070240	1585.710	TON	SAND BLOTTER	\$50.00	\$1.00	\$4.00	-307,407.33	-19386%	2%	Yes	EE OK / QTY OK
5020280	16422.000	LINFT	SINGLE SLOPE CONCRETE BARRIER RAIL, TYPE B	\$200.00	\$142.00	\$121.00	43,915.33	267%	71%	Yes	EE High; Limited price history / QTY OK
5020750	40.350	CUYD	CLASS AA CONCRETE (MINOR)	\$2,000.00	\$3,750.00	\$3,100.00	1,418.80	3516%	188%	Yes	EE OK / QTY OK
6030170	916.000	LINFT	18-INCH REINFORCED CONCRETE PIPE, CLASS III	\$90.00	\$194.00	\$163.00	29,749.10	3248%	216%	Yes	EE OK / QTY OK
6071088	5879.000	LINFT	4-INCH PERFORATED PIPE	\$10.00	\$21.00	\$7.50	68,312.74	1162%	210%	Yes	EE OK / QTY OK
6090260	63.000	EACH	ADJUSTING MANHOLE COVERS (METHOD B)	\$1,100.00	\$1,250.00	\$3,600.00	-392.43	-623%	114%	No	EE OK / QTY OK
6090600	60.000	EACH	ADJUSTING VALVE COVERS (METHOD B)	\$1,200.00	\$770.00	\$1,650.00	-1,047.98	-1747%	64%	Yes	EE OK / QTY OK
6091730	169.000	LINFT	18-INCH PIPE LINER	\$300.00	\$172.00	\$172.00	N/A	N/A	57%	Yes	EE OK / QTY OK
6091742	1334.000	LINFT	24-INCH PIPE LINER	\$200.00	\$218.00	\$218.00	N/A	N/A	109%	No	EE OK / QTY OK
6091764	163.000	LINFT	36-INCH PIPE LINER	\$250.00	\$409.00	\$409.00	N/A	N/A	164%	Yes	EE OK / QTY OK
6091784	76.000	LINFT	60-INCH PIPE LINER	\$500.00	\$1,161.00	\$1,161.00	N/A	N/A	232%	Yes	EE Low; \$900 / QTY OK
6100190	2056.000	CUYD	RIPRAP (CLASS 300)	\$100.00	\$125.00	\$100.00	36,888.88	1794%	125%	No	EE OK / QTY OK
6100585	876.000	SQYD	ARTICULATED CONCRETE BLOCK	\$200.00	\$162.00	\$135.00	34,156.37	3899%	81%	No	EE OK / QTY OK
6130780	9587.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 1)	\$35.00	\$37.00	\$27.00	92,222.20	962%	106%	No	EE OK / QTY OK
6130850	4698.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 6)	\$35.00	\$50.00	\$35.00	61,481.47	1309%	143%	No	EE OK / QTY OK
6130860	1286.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 6) (MODIFIED)	\$45.00	\$48.00	\$35.00	70,940.15	5516%	107%	No	EE OK / QTY OK
6130890	1280.000	LINFT	CLASS AA CONCRETE CURB AND GUTTER (TYPE 8)	\$45.00	\$37.00	\$25.00	76,851.83	6004%	82%	No	EE OK / QTY OK
6131140	1731.400	SQYD	CLASS AA CONCRETE SIDEWALK (4-INCH)	\$55.00	\$84.00	\$68.00	57,638.88	3329%	153%	Yes	EE OK / QTY OK
6131270	647.800	SQYD	CLASS AA CONCRETE DRIVEWAY (6-INCH)	\$100.00	\$105.00	\$100.00	184,444.40	28472%	105%	No	EE OK / QTY OK
6131300	261.010	SQYD	CLASS AA CONCRETE DRIVEWAY (9-INCH) (REINFORCED)	\$120.00	\$240.00	\$320.00	-11,527.78	-4417%	200%	Yes	EE OK / QTY OK
6131430	781.090	SQYD	CLASS AA CONCRETE RAMP (4-INCH)	\$150.00	\$125.00	\$105.00	46,111.10	5903%	83%	No	EE OK / QTY OK
6180250	14813.000	LINFT	REMOVE AND RESET GUARDRAIL	\$7.00	\$5.50	\$5.50	N/A	N/A	79%	No	EE OK / QTY OK
6180350	29.000	EACH	GUARDRAIL TERMINAL (FLARED)	\$3,000.00	\$3,800.00	\$3,800.00	N/A	N/A	127%	No	EE OK / QTY OK
6180360	19.000	EACH	GUARDRAIL TERMINAL (TANGENTIAL)	\$4,000.00	\$4,250.00	\$4,250.00	N/A	N/A	106%	No	EE OK / QTY OK

Price Sensitivity

January 15, 2021

6180540	10944.000	LINFT	GALVANIZED GUARDRAIL	\$35.00	\$39.25	\$39.25	N/A	N/A	112%	No	EE OK / QTY OK
6230201	50.000	EACH	ITS VAULT	\$6,000.00	\$5,100.00	\$5,100.00	N/A	N/A	85%	No	EE OK / QTY OK
6230236	46.000	EACH	NO. 7 PULL BOX, MODIFIED	\$2,000.00	\$1,500.00	\$1,500.00	N/A	N/A	75%	No	EE OK / QTY OK
6230537	8.000	EACH	SOLAR POLE	\$11,000.00	\$15,600.00	\$15,600.00	N/A	N/A	142%	No	EE OK / QTY OK
6230653	8.000	EACH	ITS POLE (30 FOOT)	\$13,700.00	\$11,600.00	\$11,600.00	N/A	N/A	85%	No	EE OK / QTY OK
6230921	6.000	EACH	RADAR DETECTOR SYSTEM	\$10,750.00	\$13,600.00	\$13,600.00	N/A	N/A	127%	No	EE OK / QTY OK
6231061	6.000	EACH	COMMUNICATION CABINET	\$14,750.00	\$11,600.00	\$11,600.00	N/A	N/A	79%	No	EE High; bid price OK/ QTY OK
6231115	1.000	LS	ROAD AND WEATHER INFORMATION SYSTEM	\$180,000.00	\$191,200.00	\$191,200.00	N/A	N/A	106%	No	EE OK / QTY OK
6231261	8.000	EACH	FIELD HARDENED ETHERNET SWITCH	\$12,500.00	\$10,100.00	\$10,100.00	N/A	N/A	81%	No	EE OK / QTY OK
6231605	8.000	EACH	SOLAR POWER SUPPLY	\$37,250.00	\$24,700.00	\$24,700.00	N/A	N/A	66%	Yes	EE OK / QTY OK
6231820	79918.000	LINFT	3-INCH CONDUIT	\$11.00	\$23.10	\$23.10	N/A	N/A	210%	Yes	EE low (didn't include cost for PBS and AGG) bid price is reasonable, / QTY OK
6231850	152566.000	LINFT	4-INCH MULTIDUCT CONDUIT	\$19.00	\$25.75	\$25.70	18,444,440.00	12089%	136%	No	EE low (didn't include cost for PBS and AGG) bid price is reasonable / QTY OK
6231970	32937.000	LINFT	NO. 4 CONDUCTOR	\$2.50	\$2.30	\$2.30	N/A	N/A	92%	No	EE OK / QTY OK
6232174	3.000	EACH	PATCH PANEL	\$1,000.00	\$17,000.00	\$17,000.00	N/A	N/A	1700%	Yes	EE low should have been about \$6,000 / QTY OK
6232175	77987.000	LINFT	FIBER OPTIC CABLE	\$5.00	\$4.10	\$4.10	N/A	N/A	82%	No	EE a bit high, bid price ok / QTY OK
6240140	300.000	DAY	TRAFFIC CONTROL SUPERVISOR	\$900.00	\$1,100.00	\$1,500.00	-2,305.56	-769%	122%	No	EE OK / QTY OK
6250490	1.000	LS	RENT TRAFFIC CONTROL DEVICES	\$1,800,000.00	\$3,671,453.61	\$2,500,000.00	N/A	N/A	204%	Yes	Estimate does not account for possible multiple work zones and plating of trench
6270190	2741.790	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$90.00	\$205.00	\$205.00	N/A	N/A	228%	Yes	EE OK / QTY OK the posts require painting and were upsized
6280120	1.000	LS	MOBILIZATION	\$1,603,590.35	\$3,500,000.00	\$3,600,000.00	N/A	N/A	218%	Yes	Fixed Percentage 6%. Project is multi-season job. All of the spoils from project have to be hauled out of the basin daily.
6320970	3846.814	LINFT	EPOXY PAVEMENT STRIPING (24-INCH SOLID WHITE)	\$15.00	\$12.15	\$12.00	6,148,146.67	159824%	81%	No	EE OK / QTY OK
6370110	1.000	LS	TEMPORARY POLLUTION CONTROL	\$269,254.61	\$100,000.00	\$470,449.04	N/A	N/A	37%	Yes	EE OK / QTY OK
6410100	2.000	EACH	IMPACT ATTENUATOR	\$28,000.00	\$32,000.00	\$35,000.00	-307.41	-15370%	114%	No	EE OK / QTY OK
6440100	1760.000	LINFT	SOIL NAIL	\$100.00	\$181.00	\$300.00	-7,749.76	-440%	181%	Yes	EE OK / QTY OK
6600125	490.000	SQYD	PNEUMATICALLY PLACED CONCRETE MORTAR (12-INCHES)	\$400.00	\$460.00	\$500.00	-23,055.55	-4705%	115%	No	EE OK / QTY OK
6600995	394.000	SQYD	PNEUMATICALLY PLACED CONCRETE MORTAR (4-INCHES)	\$125.00	\$129.00	\$200.00	-12,989.04	-3297%	103%	No	EE OK / QTY OK

Additional Comments: The Bid Review Analysis Team has reviewed and checked the engineer's estimate and quantities. There were two quantity errors found that don't affect bidding order; bid item 2070130 Backfill; quantity should be changed from 444.6 CY to 429.3 CY and bid item 2030360 Base Preparation; the quantity should be changed from 618.2 SQYD to 1733.3 SQYDS. Additional information was discussed for the following bid items: 2020935 Remove Composite Surface is used at various small locations throughout the project which should have increased the engineer's estimate. Bid item 5020280 Concrete Barrier Rail, there is very little historical data on this item that includes color and aesthetic patterning, engineer's estimate was conservative. Bid items 6231820 3-inch Conduit and 6231850 4-Inch Multiduct Conduit requires patching of the roadway, which was not accounted for in the engineer's estimate; bidders prices were reasonable. The estimate for bid item 6250490 Rent Traffic Control Devices may require multiple setups and breakdown of workzones on multiple routes to complete the work in two seasons which was not estimated for. Bid item 6280120 Mobilization is based on a fixed percentage for the overall project cost; this project is a multi-season job and all of the spoils from project have to be hauled out of the basin daily, which accounts for the increase in cost for the contractor to meet the TRPA requirements to protect the Tahoe Basin. Bid item 6270190 Permanent Signs, requires painting and upsizing the posts to meet the Tahoe Basin's aesthetic requirements which was not captured in the estimate. The BRAT remains confident in the plan quantities and the bid prices. The BRAT recommends award to the low bidder.

Purpose and Need of Project: This project improves and rehabilitates 13.8 miles of State Route 431 and State Route 28 located in the Tahoe Basin. Contract 3858 consists of three separate projects including improvements to the roadway on SR 431, SR 28 and drainage and stormwater treatments on SR 28, near Marlette Creek. The work includes a mill and overlay of the roadway surface and includes areas of complete reconstruction of the roadway, upgrades to ADA facilities and driveways, installs ITS infrastructure, improves erosion control and stormwater facilities, upgrades to barrier rail, improved signage and constructs a soil nail wall. Enhanced rideability and signage will increase safety and driver comfort. Stormwater and drainage improvements will also reduce maintenance efforts through the corridor and improve environmental impacts to the Tahoe Basin.

INSTRUCTIONS FOR COMPLETING THE DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Nevada Department of Transportation (“NDOT”) to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the NDOT. Failure to submit the requested information may result in a refusal by NDOT to enter into an agreement/contract and/or release monetary funding to such non-disclosing business entity.

Detailed Instructions

All sections of the Disclosure of Ownership/Principals form must be completed. If not applicable, write N/A in the space provided.

Business Entity Type – Indicate if the entity is Sole Proprietor, Partnership, Limited Liability Company, Corporation, Trust, Non-Profit Organization, or Other. When selecting ‘Other’, provide a description of the legal entity.

Business Name (include d.b.a., if applicable) – Enter the legal name of the business entity and enter the “Doing Business As” (d.b.a.) name, if applicable.

Corporate/Business Address, Business Telephone, Business Fax, and Email – Enter the street address, telephone and fax numbers, and email of the named business entity.

Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

Number of Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)

List of Owners/Officers – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

Signature and Print Name – Requires signature of an authorized representative and the date signed

Disclosure of Relationship Form – If any individual members, partners, owners or principals of the business entity is presently a NDOT employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a NDOT employee, public officer or official, this section must be completed in its entirety.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- Sole Proprietorship
 Partnership
 Limited Liability Company
 Corporation
 Trust
 Non-Profit Organization
 Other

2. Are you a publicly-traded corporation? Yes No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

500

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

Q&D Construction LLC

5. Corporate/Business Entity Street Address:

Street Address: 1050 S. 21st Street	Website: www.qdconstruction.com
City, State and Zip Code: Sparks, NV 89431	Point of Contact Name: Jeff Bean
Telephone and Fax No. 7757862677	Email: jbean@qdconstruction.com

6. Nevada Local Business Street Address (If different from above):

Street Address:	Website:
City, State and Zip Code:	Point of Contact Name:
Local Telephone and Fax No. 7757862677	Email:

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Mike Dianda	Secretary	20
Chris Dianda	Managing Partner	20
Lance Semenko	President	22
Jeff Bean	VP	11
Kevin Linderman	VP	11
Tobin Basta	VP	8
Duane Boreham	VP	8

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the *Definition* section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No


2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION
N/a	N/a	N/a	N/a

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.

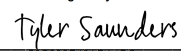
DocuSigned by:

 Signature _____ Lance Semenko
 1F6F6451C8B24F8...
 President _____ Print Name
 _____ 01/25/2021
 Title _____ Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

- Yes No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?
- Yes No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

DocuSigned by:

 Signature _____
 58C099E48ADA4DC...
 Tyler Saunders

 Print Name
 Authorized NDOT Representative



1263 South Stewart Street
Carson City, NV 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

January 27, 2021

TO: Department of Transportation Board of Directors

FROM: Kristina Swallow, P.E., Director

SUBJECT: February 8, 2021 | Transportation Board of Directors Meeting

ITEM #7: Consideration of Approval of Agreements Over \$300,000 - *For possible action.*

Summary:

The purpose of this item is to provide the Board a list of agreements over \$300,000 for discussion and approval following the process approved at the July 11, 2011, Transportation Board meeting. This list consists of:

- Design-Build contracts; and/or
- All agreements (and amendments) for non-construction matters, such as consultants, service providers, etc. that obligate total funds of over \$300,000, during the period from December 11, 2020 through January 7, 2021.

Background:

The Department contracts for services relating to the development, construction, operation and maintenance of the State's multi-modal transportation system. The attached consists of new agreements over \$300,000 and amendments which increase the total agreement amount above \$300,000 during the period from December 11, 2020 through January 7, 2021.

Analysis:

These agreements represent the necessary support services needed to deliver the State of Nevada's multi-modal transportation system and have been prepared following the Code of Federal Regulations, Nevada

MEMORANDUM
Department of Transportation Board of Directors
January 27, 2021
Page 2 of 2

Revised Statutes, Nevada Administrative Code, State Administrative Manual, and/or Department policies and procedures.

List of Attachment(s):

- A. State of Nevada Department of Transportation Agreements for Approval, December 11, 2020 through January 7, 2021

Recommendation for Board Action:

Approval of all agreements listed on Attachment A

Prepared by:

Administrative Services Division

Attachment

A

State of Nevada Department of Transportation
 Agreements for Approval
 December 11, 2020 through January 7, 2021

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total Amount of prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Dir. Office	Division Head	Notes
1	00221	00	FORD AUDIO-VIDEO SYSTEMS, LLC	VIDEO WALL MAINTENANCE	N	\$450,000.00	-	-	\$450,000.00	-	2/8/2021	2/28/2023	-	Service Provider	Traffic Operations	Darin	Seth	02-08-21: PREVENTATIVE MAINTENANCE AND COMPONENT REPLACEMENT FOR VIDEO SYSTEMS (VIDEO WALLS), LOCATED IN EACH DISTRICT'S ROAD OPERATIONS CENTER (ROC), USED TO MONITOR AND ENHANCE PUBLIC SAFETY ON NEVADA ROADWAYS FOR THE TRAVELING PUBLIC AND TO CONTROL VARIOUS INTELLIGENT TRANSPORTATION SYSTEMS (ITS). THE SCOPE WILL INCLUDE THE REQUIRED MAINTENANCE AND UPGRADES FOR HARDWARE AND SOFTWARE THAT BECOME OBSOLETE AND WILL PREVENT SYSTEM OUTAGES. THE SERVICE PROVIDER WILL REPLACE, INSTALL, AND UPGRADE END OF LIFE VIDEO WALL PROCESSORS AND SOFTWARE, CONDUCT SYSTEM TRAINING, PROVIDE SYSTEM DOCUMENTATION, WARRANTY THE SYSTEM FOR THIRTY-SIX (36) MONTHS, PROVIDE TECHNICAL SUPPORT, CONDUCT ONSITE SYSTEM TESTING, ALIGNMENT AND PREVENTATIVE MAINTENANCE, STATEWIDE. NV B/L#: NVF19931031308-S
2	54820	00	MILESTONE SOLUTIONS, LLP	SUSTAINABLE TRANSPORTATION FUNDING STRATEGIES	N	\$1,795,752.00	-	-	\$1,795,752.00	-	2/8/2021	7/30/2025	-	Service Provider	Project Management	Cole	Nick	02-08-21: EVALUATE NEW FUNDING STRATEGIES FOR TRANSPORTATION THAT MEET THE NEEDS OF ALL USERS AS WELL AS HELP THE STATE ACHIEVE ENVIRONMENTAL GOALS INCLUDING, BUT NOT LIMITED TO GREENHOUSE GAS EMISSION REDUCTION TARGETS. THIS STUDY WILL EVALUATE POTENTIAL OPTIONS TO DEVELOP A SUSTAINABLE TRANSPORTATION FUNDING SYSTEM. THE SCOPE WILL INCLUDE BUT NOT BE LIMITED TO: RESEARCH, ANALYSIS, AND DEVELOPMENT OF POTENTIAL TRANSPORTATION FUNDING STRATEGIES. SPECIFIC TASKS MAY INCLUDE, BUT ARE NOT LIMITED TO: ESTABLISHING A WORKING GROUP OF RELEVANT STAKEHOLDERS; DEVELOPMENT AND IMPLEMENTATION OF A PUBLIC AGENCY AND ELECTED OFFICIAL EDUCATION AND OUTREACH STRATEGY; TAXATION ANALYSIS; EQUITY AND SOCIAL JUSTICE ANALYSIS AS IT RELATES TO TRANSPORTATION FUNDING; LAND-USE AND URBAN PLANNING POLICY, AND LEGISLATIVE ANALYSIS AS IT RELATES TO TRANSPORTATION NEEDS; LEGISLATIVE STRATEGY, INCLUDING BUT NOT LIMITED TO THE DEVELOPMENT OF STATUTORY LANGUAGE AND PROCESS DEVELOPMENT, AND ANALYSIS OF EFFICACY AND FEASIBILITY OF FUNDING MODELS; AND IMPLEMENTATION OF A READINESS ANALYSIS AND IMPLEMENTATION STRATEGY INCLUDING LEGAL, TECHNICAL, ENGINEERING, AND PUBLIC ACCEPTANCE, STATEWIDE. NV B/L#: NV20201966440-R PROPOSERS: HDR ENGINEERING, INC., MILESTONE SOLUTIONS, LLP, RAWLINS INFRA CONSULT, LLC
3	58120 58220 58320 58420 58520	00	AVENUE CONSULTANTS, INC. CA GROUP, INC. CDM SMITH, INC. HORROCKS ENGINEERS, INC. JACOBS ENGINEERING GROUP, INC.	ON-CALL PROGRAM MANAGEMENT AND PROJECT DELIVERY SERVICES	N	\$16,000,000.00	-	-	\$16,000,000.00	-	2/8/2021	2/08/2024	-	Service Provider	Project Management	Darin	Nick	02-08-21: PROCURED UNDER RFP 365-20-015 TO SELECT FIVE (5) FIRMS TO PROVIDE ON-CALL PROGRAM MANAGEMENT SERVICES. THIS MAY INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING ITEMS: PROJECT IDENTIFICATION AND "PROJECT READINESS" EVALUATION FOR PROGRAM PROJECTS; REVIEW, INTERPRET, AND/OR DEVELOP NEVADA REVISED STATUTES (NRS) AND NEVADA ADMINISTRATIVE CODE (NAC) PROVISIONS RELATED TO PROJECT/ALTERNATIVE DELIVERY; PROGRAMMATIC RISK EVALUATION, BENEFIT COST ANALYSIS (BCA), VALUE ENGINEERING (VE); ASSIST WITH DEVELOPMENT AND IMPLEMENTATION OF PROJECT LABOR FORMS; REVIEW AND PROVIDE INPUT ON CHANGE ORDERS AND CLAIMS FOR ALTERNATIVE DELIVERY CONTRACTS; PROVIDE UPDATES OF ANY PROJECT MANAGEMENT DOCUMENTS; PROVIDE TRAINING; PROJECT MANAGEMENT SUPPORT; ACT AS THE DEPARTMENT'S PROJECT/PROGRAM MANAGER ON PROJECT(S) AT THE INSTRUCTION OF THE CHIEF OR ASSISTANT CHIEFS OF PROJECT MANAGEMENT; ASSIST WITH AGENCY AND STAKEHOLDER COORDINATION; PROVIDE SERVICES FOR DESIGN-BUILD AND/OR ALTERNATIVE DELIVERY PROJECTS AS DESCRIBED IN THE DEPARTMENT'S PIONEER PROGRAM GUIDELINES, THIRD EDITION, STATEWIDE. NV B/L#: NVF20171487994, NVD20081407877, NVF19771008410, NVF19991246016, NVF20081035082- R PROPOSERS: AVENUE CONSULTANTS, INC., CA GROUP, INC., CDM SMITH, INC., HORROCKS ENGINEERS, INC., JACOBS ENGINEERING GROUP, INC., HNTB CORPORATION, KIMLEY-HORN AND ASSOCIATES, WSP USA, INC.

Line Item 1

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

002-21-016

For Agreement Services Only

Request to Solicit Services and Budget Approval (2A)
Amendments for time extensions (time only) do not require a form 2a

Initial Budget Request Request for Amendment #: Agreement #:

If Amendment, name of Company:

Project ID #(s): NA

Type of Services: Service Provide (Video Wall Preventive Maintenance and Component Replacement Services)

Originated by: Jim Whalen Division: Traffic Operations Date Originated: 1/4/2021

Division Head/District Engineer: Seth Daniels

Budget Category #: 466006 Object #: 813U Organization #: C016

Estimated Cost: \$450,000.00 Type of Funding: State % of Fund: 100

Funding Notes: Cost for system upgrade and maintenance will be paid out over multiple years as listed below: State Fiscal Year(s): 21,22,23

FY21 \$250,000.00
FY22 \$172,432.77
FY23 \$27,567.23

IT Review:

Signature Date

Financial Management:

Kristen Greenhut 1/19/2021

Signature Date

- Requires Transportation Board Approval
- Does not require Transportation Board Approval

Approval of this form by the Financial Management Division, Budget Section, provides funding authority for the services described. Actual availability of funds and the monitoring of actual expenditures must be determined by the Division Head.

Project Accounting:

KMcKee 1/19/2021

Signature Date

Director:

Kristina Swallow 1/19/2021

Signature Date

**STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION**

002-21-016

For Agreement Services Only

Attachments:

Budget by Organization Report (Report No. NBDM30) attached here:

If Amendment, attach original Agreement here:

Any additional information to attach:

Purpose of, and Justification for, Budget Request:

Located in each District Road Operations Center (ROC) are video systems (video walls) used to monitor and enhance public safety on Nevada's roadways for the traveling public and to control various Intelligent Transportation Systems. These video walls require routine maintenance and upgrades for hardware/software which become end of life over time. The purpose of this request is to prevent system outages by entering into a new maintenance agreement with Ford Audio-Visual, LLC, (FordAV) as the current agreement will expire in the near future. The new agreement will upgrade any end of life hardware/software and provide routine maintenance for our existing video walls for two years

Scope of Services:

To maintain system functionality, FordAV will replace, install, and upgrade end of life video wall processors and software, conduct system training, provide system documentation, warranty the system for 36 months, provide 24x7 technical support and will conduct annual onsite system testing, alignment, and preventative maintenance for the term of the agreement.

1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201



MEMORANDUM

January 21, 2021

TO: Darin Tedford, Deputy Director 
FROM: Jim Whalen, Technology Manager
SUBJECT: Negotiation Summary with FordAV LLC for Audio Video Maintenance for Road Operations Center Video Wall Located at each District

Negotiation meetings were held on several occasions during October and November of 2020 with Graham De Partee Ford Audio-Vidio (FordAV) LLC, Gary Molnar NDOT Traffic Operations.

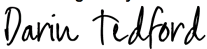
The scope of services to be provided by FordAV LLC was reaffirmed by both parties before any commencement of work.

The Parties discussed NDOT’s need for a better response for service calls, the best possible pricing on new systems, and the highest quality of work. It was further discussed that a vendor with offices and technical staff located in Nevada, as opposed to most other vendors who are located out of state, would be able to provide consistent service, compatible integration, and interoperable platforms for the Road Operations Centers statewide. Additionally, FordAV is the same vendor that supports FAST video wall operation. Having the same vendor support the FAST and the Department will also allow coordinated operations and coverage during maintenance windows and system upgrades.

The negotiations yielded the following:

The Department’s preferred choice of video wall systems is Jupiter Systems. FordAV is a Jupiter Dealer and receives a dealer discount on the Jupiter systems hardware. Discounts up to 20% will be passed on to NDOT as the current end of life is upgraded. FordAV will also be providing a second year of workmanship warranty covering the new systems at all 3 NDOT locations instead of our standard 1-year workmanship warranty. Additionally, NDOT will receive a 25% discount from our normal service rate for any non-warranty services. Annual Preventative Maintenance is provided under this contract as well as immediate technical support via remote access and a guaranteed 72 hour on-site response time for issues that cannot be resolved remotely.

Reviewed and Approved:

DocuSigned by:

S9F6ZCUL38AU46A...
Deputy Director 01/21/2021

**STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION**

MEMORANDUM

December 10, 2020

TO: Kristina L. Swallow, P.E., Director

FROM: Seth Daniels, P.E., Assist Chief Traffic Operations Engineer DS
SD DS
DT

SUBJECT: Sole Source for Professional Exemption

Based on the guidance provided in NAC 333.150 (see below), Traffic Operations requests a sole source professional exemption for a noncompetitive procurement to provide services for system upgrades and maintenance on video wall displays located in the Road Operation Centers (ROC) at each District.

Ford Audio-Vidio (FordAV) LLC, has been contracted by the Regional Transportation Commission of Southern Nevada through their procurement process to provide the same requested services for the video wall display at the FAST Center in Las Vegas. Traffic Operations is seeking to ensure a consistent, compatible, and interoperable platform for the Road Operations Centers statewide. Using the the same vendor as FAST will also allow coordinated operations and coverage during maintenance windows and system upgrades. FordAV has offices and technical staff located in Nevada and will provide these services at a 20% savings to the Department when compared to our current service provider AVI-SPL, who is not located in the State. Additionally, past RFP process efforts to procure this service have yielded poor results. These smaller and very specialized companies have chosen not to participate, even with enhanced outreach from the Department.

In summary, this sole source request will allow the Department to provide better technical services and support for the ROCs in each district at a lower cost with a Nevada company.

NAC 333.150 - Such a contract which by its nature is not adapted to be awarded by competitive selection, including, without limitation, a contract for:

- (a) Services which may only be contracted from a sole source as determined by the Administrator;
- (b) Professional services, including, without limitation, a contract for the services of:
 - (1) An expert witness;
 - (2) A professional engineer;
 - (3) A registered architect;
 - (4) An attorney;
 - (5) An accountant; or
 - (6) Any other professional, if the services of that professional are not adapted to competitive selection as determined by the Administrator; or
- (c) Services necessitated by an emergency affecting the national defense or an emergency caused by an act of God or any other unforeseeable circumstances, as determined by the Administrator.

Approved:

DocuSigned by:

C4B612FC2C1E4FB...
Director 12/14/2020

Proposal
For
Nevada Department of Transportation, Reno, NV

A. INTRODUCTION

This proposal provides a description of the technology incorporated into the systems, lists the major equipment and components, and states the terms, conditions, and responsibilities. Individual components and quantities may be changed, deleted, added, or designated as optional to be added to the system at a future date.

B. DESCRIPTION OF WORK

Ford shall provide and install the following systems for the Nevada Department of Transportation of Reno, NV (Customer) in their update project:

1. RENO TRAFFIC OPERATIONS CENTER

a. JUPITER CATALYST XL SYSTEM WITH CANVAS AND 2-YEAR CUSTOMER CARE

- 1) One (1) Jupiter Catalyst XL video wall processor with one (1) Jupiter Canvas software system shall be provided and installed in the owner furnished equipment (OFE) rack.
 - a) The existing processor shall be removed and handed over to the Customer.
 - b) The OFE video connections to and from the existing processor shall be connected to the new processor and tested for functional use. Should additional cables or connectors be required, a change order shall be presented to the Customer for approval.
 - c) The Customer will be responsible for the condition, performance, configurations, and/or attributes of all OFE equipment used throughout this installation unless a Service Agreement between the Customer and Ford is signed and fully executed prior to the installation described within this scope of work.
 - d) The Customer is responsible for providing Ford with the latest version of source code for any OFE control systems. If the latest version of the source code is not provided and integration of the new Jupiter System requires the Customer's control system to be completely reprogrammed, Ford shall provide a change order for programming to the Customer for review and approval.

- e) The Customer acknowledges that some functions or controls of the OFE control system may be changed by Ford to complete integration of the new Jupiter System.
- 2) Training shall be provided to the Customer by Jupiter representatives on the use of the system detailed in this proposal. The training shall be held on a single day and consist of user focused training and Canvas administration training. The training date and time shall be coordinated with and agreed upon by the Customer, Jupiter and Ford.
 - 3) There are products in this Agreement that require the Customer to purchase a recurring maintenance contract from the manufacturer in order to receive software updates and service support for that specific item. Ford has included a manufacturer's maintenance contract as part of this proposal, which will require renewal by the Customer at the end of the term. Ford can make no guarantee concerning future support without an active, recurring, maintenance contract.
- b. JUPITER CANVAS UPGRADE – (Jupiter Software)
- 1) The following shall be included with the Canvas software upgrade:
 - a) Zero (0) Named Clients
 - b) Zero (0) Named Mobile Clients
 - c) Six (6) Floating Clients
 - i. Each Canvas Client may be used by any user on a PC or Jupiter hardware. Each floating license may be used by only one (1) device at a time.
 - d) Zero (0) Floating Mobile Clients
 - e) One (1) Canvas Server License
 - i. Canvas Server Enterprise software license supports one (1) Canvas installation and provides Canvas users and Active Directory domain user authentication. The license supports redundant Canvas Servers and mobile deployments and stores information related to Canvases, Canvas Sources and user privileges.
 - f) Jupiter Canvas Care
 - i. Two (2) years of manufacturer-provided support with limited Hardware Warranty, Software Support and Updates are included. This coverage ends two years from the date of hardware shipment by Jupiter unless renewal funds are received by Ford prior to that date.

c. JUPITER CATALYST XL SYSTEM – (Jupiter Hardware)

- 1) The following system components shall be included with the Catalyst XL configuration:
 - a) One (1) Canvas Client-Floating License
 - i. Canvas Client-Floating License will be bundled with the hardware. Canvas Client may be used by any user on a PC or Jupiter hardware.
 - b) One (1) Catalyst XL Base Unit
 - c) One (1) Catalyst XL Bridge Board
 - d) Four (4) 32GB, Catalyst XL Memory Kits
 - e) One (1) 14-Core Xeon 2.3GHz
 - f) Two (2) eight-1080P Graphics Output Boards
 - i. Four (4) 4K or Eight 1080P graphics output Boards with 8 mDP 1.2 ports. Must use active dongles if the connection is either DVI (HD Only) or HDMI (4K or HD resolutions).
 - g) One (1) 4-Channel Capture Board
 - i. 4 Channel HDMI capture. Includes four 4-750-163-00: Mini-HDMI to Female HDMI Adapters. Supports up to four channels of HD, 4K 30 or 4K60 @ YUV420. Supports 8 total windows total per board, regardless of resolution.
 - h) Two (2) SteamPoint Decoder Boards
 - i. StreamPoint IP Decoding Board: 1 RJ-45 Ethernet Port. Supports 2x UHD60, 4x UHD30, 8x HD60, 16x HD30, 25x 720P60, 32x 720P30, 50x D1 per board. Supports RTSP transport streams only.
 - i) One (1) Catalyst XL Express Kit
 - j) Three (3) 512 GB SATA SSDs
 - k) One (1) RAID1 Hot Spare Configuration Option
 - l) Sixteen (16) Mini-DP to HDMI Active Adapter
 - i. Enables the Customer to connect both the audio and video from OFE Mini DisplayPort-equipped desktop or laptop computer to an HDMI monitor, projector, or display for resolutions up to 4K.

m) Jupiter Catalyst XL Care

- i. Two (2) years of manufacturer-provided support with limited Hardware Warranty, Software Support and Updates are included. This coverage ends two years from the date of hardware shipment by Jupiter unless renewal funds are received by Ford prior to that date.

2. ELKO TRAFFIC OPERATIONS CENTER

a. JUPITER CATALYST XL SYSTEM WITH CANVAS AND 2-YEAR CUSTOMER CARE

- 1) One (1) Jupiter Catalyst XL video wall processor with one (1) Jupiter Canvas software system shall be provided and installed in the owner furnished equipment (OFE) rack.
 - a) The existing processor shall be removed and handed over to the Customer.
 - b) The OFE video connections to and from the existing processor shall be connected to the new processor and tested for functional use. Should additional cables or connectors be required, a change order shall be presented to the Customer for approval.
 - c) The Customer will be responsible for the condition, performance, configurations, and/or attributes of all OFE equipment used throughout this installation unless a Service Agreement between the Customer and Ford is signed and fully executed prior to the installation described within this scope of work.
 - d) The Customer is responsible for providing Ford with the latest version of source code for any OFE control systems. If the latest version of the source code is not provided and integration of the new Jupiter System requires the Customers control system to be completely reprogrammed, Ford shall provide a change order for programming to the Customer for review and approval.
 - e) The Customer acknowledges that some functions or controls of the OFE control system may be changed by Ford to complete integration of the new Jupiter System.
- 2) Training shall be provided to the Customer by Jupiter representatives on the use of the system detailed in this proposal. The training shall be held on a single day and consist of user focused training and Canvas administration training. The training date and time shall be coordinated with and agreed upon by the Customer, Jupiter and Ford.
- 3) There are products in this Agreement that require the Customer to purchase a recurring maintenance contract from the manufacturer in order to receive software

updates and service support for that specific item. Ford has included a manufacturer's maintenance contract as part of this proposal, which will require renewal by the Customer at the end of the term. Ford can make no guarantee concerning future support without an active, recurring, maintenance contract.

- 4) One (1) OFE Barco management server shall be removed from the OFE rack and handed over to the Customer.
 - 5) One (1) OFE Barco media server shall be removed from the OFE rack and handed over to the Customer.
 - 6) Five (5) OFE Barco OpsSpace thin clients shall be removed from the OFE rack and handed over to the Customer.
 - 7) Six (6) OFE Barco encoders shall be removed from the OFE rack and handed over to the Customer.
 - 8) Six (6) OFE Extron distribution amplifiers (DA) shall be removed from the OFE rack and handed over to the Customer.
 - 9) Five (5) transmitters shall be provided and installed, one (1) for each OFE workstation, to transmit video signal over the Customer's OFE twisted pair cabling network.
 - a) The Customer will be responsible for the condition, performance and reliability of the network. If any part of the OFE network or devices are found to be faulty, Ford shall provide a change order for repair to the Customer for their review and approval.
 - 10) Five (5) receivers shall be provided and installed in the OFE rack to receive video signal over the Customers OFE twisted pair cabling network.
- b. JUPITER CANVAS UPGRADE – (Jupiter Software)
- 1) The following shall be included with the Canvas software upgrade:
 - a) Zero (0) Named Clients
 - b) Zero (0) Named Mobile Clients
 - c) Six (6) Floating Clients
 - i. Each Canvas Client may be used by any user on a PC or Jupiter hardware. Each floating license may be used by only one (1) device at a time.
 - d) Zero (0) Floating Mobile Clients
 - e) One (1) Canvas Server License

- i. StreamPoint IP Decoding Board: 1 RJ-45 Ethernet Port. Supports 2x UHD60, 4x UHD30, 8x HD60, 16x HD30, 25x 720P60, 32x 720P30, 50x D1 per board. Supports RTSP transport streams only.
- i) One (1) Catalyst XL Express Kit
- j) Three (3) 512 GB SATA SSDs
- k) One (1) RAID1 Hot Spare Configuration Option
- l) Sixteen (16) Mini-DP to HDMI Active Adapter
 - i. Enables the Customer to connect both the audio and video from OFE Mini DisplayPort-equipped desktop or laptop computer to an HDMI monitor, projector, or display for resolutions up to 4K.
- m) Eight (8) Mini-DP to DVI Active Adapter
 - i. Enables the Customer to connect both the audio and video from OFE Mini DisplayPort-equipped desktop or laptop computer to an DVI monitor, projector, or display for resolutions up to 1080p.
- n) Jupiter Catalyst XL Care
 - i. Two (2) years of manufacturer-provided support with limited Hardware Warranty, Software Support and Updates are included. This coverage ends two years from the date of hardware shipment by Jupiter unless renewal funds are received by Ford prior to that date.

3. LAS VEGAS TRAFFIC OPERATIONS CENTER

- a. JUPITER CATALYST XL SYSTEM WITH CANVAS AND 2-YEAR CUSTOMER CARE
 - 1) One (1) Jupiter Catalyst XL video wall processor with one (1) Jupiter Canvas software system shall be provided and installed in the owner furnished equipment (OFE) rack.
 - a) The existing processor shall be removed and handed over to the Customer.
 - b) The OFE video connections to and from the existing processor shall be connected to the new processor and tested for functional use. Should additional cables or connectors be required, a change order shall be presented to the Customer for approval.
 - c) The Customer will be responsible for the condition, performance, configurations, and/or attributes of all OFE equipment used throughout

this installation unless a Service Agreement between the Customer and Ford is signed and fully executed prior to the installation described within this scope of work.

- d) The Customer is responsible for providing Ford with the latest version of source code for any OFE control systems. If the latest version of the source code is not provided and integration of the new Jupiter System requires the Customer's control system to be completely reprogrammed, Ford shall provide a change order for programming to the Customer for review and approval.
 - e) The Customer acknowledges that some functions or controls of the OFE control system may be changed by Ford to complete integration of the new Jupiter System.
- 2) Training shall be provided to the Customer by Jupiter representatives on the use of the system detailed in this proposal. The training shall be held on a single day and consist of user focused training and Canvas administration training. The training date and time shall be coordinated with and agreed upon by the Customer, Jupiter and Ford.
 - 3) There are products in this Agreement that require the Customer to purchase a recurring maintenance contract from the manufacturer in order to receive software updates and service support for that specific item. Ford has included a manufacturer's maintenance contract as part of this proposal, which will require renewal by the Customer at the end of the term. Ford can make no guarantee concerning future support without an active, recurring, maintenance contract.

b. JUPITER CANVAS UPGRADE – (Jupiter Software)

- 1) The following shall be included with the Canvas software upgrade:
 - a) Zero (0) Named Clients
 - b) Zero (0) Named Mobile Clients.
 - d) Two (2) Floating Clients
 - i. Each Canvas Client may be used by any user on a PC or Jupiter hardware. Each floating license may be used by only one (1) device at a time.
 - e) Zero (0) Floating Mobile Clients
 - f) One (1) Canvas Server License
 - i. Canvas Server Enterprise software license supports one (1) Canvas installation and provides Canvas users and Active Directory domain user authentication. The license supports redundant Canvas Servers and mobile deployments and stores

information related to Canvases, Canvas Sources and user privileges.

g) Jupiter Canvas Care

- i. Two (2) years of manufacturer-provided support with limited Hardware Warranty, Software Support and Updates are included. This coverage ends two years from the date of hardware shipment by Jupiter unless renewal funds are received by Ford prior to that date.

c. JUPITER CATALYST XL SYSTEM – (Jupiter Hardware)

- 1) The following system components shall be included with the Catalyst XL configuration:

- a) One (1) Canvas Client-Floating License

- i. Canvas Client-Floating License will be bundled with the hardware. Canvas Client may be used by any user on a PC or Jupiter hardware.

- b) One (1) Catalyst XL Base Unit

- c) One (1) Catalyst XL Bridge Board

- d) Four (4) 32GB, Catalyst XL Memory Kit

- e) One (1) 14-Core Xeon 2.3GHz

- f) One (1) eight-1080P Graphics Output Boards

- i. Four (4) 4K or Eight 1080P graphics output Board with 8 mDP 1.2 ports. Must use active dongles if the connection is either DVI (HD Only) or HDMI (4K or HD resolutions).

- g) Three (3) 4-Channel Capture Board

- i. 4-Channel HDMI capture includes four 4-750-163-00: Mini-HDMI to Female HDMI Adapter. Supports up to four channels of HD, 4K 30 or 4K60 @ YUV420. Supports 8 total windows total per board, regardless of resolution.

- h) One (1) SteamPoint Decoder Boards

- i. StreamPoint IP Decoding Board: 1 RJ-45 Ethernet Port. Supports 2x UHD60, 4x UHD30, 8x HD60, 16x HD30, 25x 720P60, 32x 720P30, 50x D1 per board. Supports RTSP transport streams only.

- i) One (1) Catalyst XL Express Kit
- j) Three (3) 512 GB SATA SSDs
- k) One (1) RAID1 Hot Spare Configuration Option
- l) Eight (8) Mini-DP to HDMI Active Adapter
 - i. Enables the Customer to connect both the audio and video from OFE Mini DisplayPort-equipped desktop or laptop computer to an HDMI monitor, projector, or display for resolutions up to 4K.
- m) Jupiter Catalyst XL Care
 - i. Two (2) years of manufacturer-provided support with limited Hardware Warranty, Software Support and Updates are included. This coverage ends two years from the date of hardware shipment by Jupiter unless renewal funds are received by Ford prior to that date.

4. THE CUSTOMER SHALL BE RESPONSIBLE FOR:

- a. The Customer shall have a representative (one [1] person selected by the Customer) available throughout the installation to make decisions on behalf of the Customer concerning the installation. The purpose is to ensure that communication between the Customer and Ford is accurate and responsive in the event of questions or problems that may arise during installation.
- b. The Customer shall clear the rooms involved in the installation of all activities during the periods of installation. Ford will work with the Customer to schedule the installation. Hours or days of work lost by the installation crew due to the inability to work as planned will be charged to the Customer based on the extra labor and expenses required.
- c. The Customer shall provide a facility that is prepared for the installation of electronic equipment. This includes a clean, dust-free, and air-conditioned environment that is secure and quiet. The Customer is responsible for providing a secure job site and for the cost of loss or damage to audio, video, and lighting equipment delivered by Ford to the job site.
- d. Existing or Customer provided conduit and raceway must be in good condition for use and be sized appropriately for the requirements of the project.
- e. Electrical Power

In the event that electrical power is required to be installed or conduit systems are required to support the audio/video systems, it is the responsibility of the Customer, at their expense, to provide complete and adequate electrical power and conduit, unless otherwise noted.

- f. Providing and preparing adequate space for the location of equipment and equipment racks included in the system
 - g. Providing a clear area with adequate ventilation and air conditioning that maintains a room temperature not exceeding 75 degrees Fahrenheit in all rooms that are occupied by sound/audio/video/lighting equipment racks. Sound, audio, video, and lighting equipment produces heat which must be dissipated by ventilation or air conditioning. Prolonged operation at room temperatures above 75 degrees Fahrenheit will shorten the life of electronic equipment leading to premature failure of components.
 - h. The Customer is responsible for the installation and registration of all software on OFE computers. Ford will provide the Customer with the system requirements for Ford provided software, but the Customer is responsible for installing it on the OFE PC's and/or OFE network. All software-related customer support shall be directly provided by the software manufacturer.
 - i. Scaffolding or lifts provided by the Customer for use by Ford must meet OSHA safety standards and be satisfactory to meet the needs of the Ford installation personnel. In the event the Customer furnished scaffolding or lifts are unacceptable, Ford will present a change request detailing the additional cost and time extension required to complete the project.
 - j. Ford is not licensed for and does not perform any electrical, carpentry, painting, masonry, or carpet laying work.
 - k. The Customer shall advise Ford in writing prior to signing a contract agreement regarding the existence of asbestos in any area that Ford may be required to work. The Ford safety policy does not allow any employee to perform work if any asbestos hazard exists. If asbestos is detected, Ford employees will be removed from the location until the location can be made safe in compliance with OSHA standard (1926.1101). Any incurred expenses related to the stoppage of work will be the responsibility of the Customer.
5. FORD SHALL BE RESPONSIBLE FOR:
- a. Providing line drawings for systems and equipment manuals electronically at no cost
 - b. Fabrication and installation of video systems
 - c. Providing recommendations for electrical power and conduits, to be provided and installed by the electrical contractor, for the video and control systems
 - d. Installation of low voltage video wiring for systems
 - e. Testing and alignment of video systems
 - f. Training
 - g. Warranty service
 - h. Providing as-built drawings with wire numbers and labels

6. PREVENTATIVE MAINTENANCE

- a. Ford shall perform one (1) pre-scheduled service call, prior to the end of the warranty period, for the purpose of conducting routine preventative maintenance (PM) to check the general operation of equipment. This PM service call shall be scheduled in advance with the Customer, between 8:00 am and 5:00 pm Monday through Friday, excluding holidays, and does not include expendable materials used (e.g., light bulbs, lamps, light fixture lamps, fuses, batteries, portable connection cables, etc.) or system programming. This service is renewable up to three (3) years.
- b. The Customer will provide a contact person that is authorized to answer questions and obligate the Customer if additional services are requested. The contact will be personally available to meet with the Ford technician and have knowledge of the equipment and systems to be inspected. The contact person will provide access to all areas and equipment rooms requiring inspection.

C. INSTALLATION SCHEDULE

- 1. Ford estimates that the actual on-site installation, test out and commissioning of this project will take two (2) weeks. In addition to the installation, Ford shall prepare system drawings, purchase the equipment, assemble the equipment in our shop, program control software as required and do in-shop testing. This work will take approximately six (6) to eight (8) weeks prior to the beginning of actual installation at your facility. The total time required to complete the project shall be approximately ten (10) weeks from agreement execution. The completion of Ford's work depends upon the facility being secure, dust-free, air-conditioned, and quiet.
- 2. For Ford to meet the above completion schedule, it is important that the Customer ensures the job site is available for Ford personnel, and there are no interruptions in the availability of the job site and the ability of Ford to do the work. Ford schedules its work force weeks in advance in order to meet the installation completion dates of all of its customers. As a consequence, it is vital that the Customer notify Ford's Project Manager in the event that the Customer changes the schedule or the Customer's other contractors fall behind in completing their portion of the work.

D. EQUIPMENT LIST

ELKO - JUPITER SYSTEM

Quantity	Description	
1.00	JUPITER QT#FORD-20244209959-B	
1.00	TRAINING & COMMISSIONING	
5.00	CRES.HDTXC101CE HDBT,TX,IR,RS232,BLACK	
5.00	CRES.HDRXC101CE HDBASET RECEIVER, W/ IR RS-232	
13.00	CRES.CBLHDDVI3 CABL,DVI-INTERFACE,HD,3'	
6.00	C2G.50625 3' HDMI CABLE IN-WALL W/ ETHNT	
8.00	C2G.40970 VELOCITY HDMI COUPLER	
500.00	WEST.254246F-BK WIRE, 4PR 23G SHLD CAT6 CMP	
		Sub Total 133,199.00

RENO - JUPITER SYSTEM

Quantity	Description	
1.00	JUPITER QT#FORD-2024420996-D	
1.00	TRAINING & COMMISSIONING	
4.00	COMP.HDP-DVIDJ ADAP,HDMI TO DVI-D	
10.00	C2G.40970 VELOCITY HDMI COUPLER	
		Sub Total 126,080.00

LAS VEGAS - JUPITER SYSTEM

Quantity	Description	
1.00	JUPITER QT#FORD-20247210060-B	
1.00	TRAINING & COMMISSIONING	
9.00	COMP.HDP-DVIDJ ADAP,HDMI TO DVI-D	
3.00	C2G.40970 VELOCITY HDMI COUPLER	
		Sub Total 103,895.00

HARDWARE

Quantity	Description	
12.00	CRIMPS, TIES & FASTENERS	
90.00	CABLES & CONNECTORS	
		Sub Total 1,500.00

INTEGRATION SERVICES

Quantity	Description	
	DESIGN, ENGINEERING, FABRICATION, PROJECT MANAGEMENT, INSTALLATION, COMMISSIONING, TRAINING AND WARRANTY	
		Sub Total 52,305.97
		Merchandise: 364,674.00
		Integration: 52,305.97
		Other: .00
		Freight: .00
		Sales Tax: .00
		Total Amount: 416,979.97

E. COST SUMMARY AND TERMS

PROPOSED TOTAL: \$416,979.97
PREVENTATIVE MAINTENANCE: \$5,452.80
ALTERNATIVE LEASING OPTION: \$13,932.00 (estimated monthly payment)

TAXES: No taxes have been included in the project 'Total Amount,' unless specifically showing on the 'Sales Tax' line. All taxes are the responsibility of the Customer. If a tax is charged to Ford, the Customer will be responsible for reimbursing Ford for the cost.

- TERMS:
1. 25% deposit (due upon signing of this agreement)
 2. 25% equipment order
 3. 25% upon beginning of installation
 4. 20% upon substantial completion (date of first beneficial use)
 5. 5% upon final completion

All invoices are due Net 10.

CONTINGENCY FUNDS

Due to the scope and nature of this Agreement, contingency funds have been established to address unforeseen services that are not covered under this Agreement and may be required to maintain the audio/visual systems defined in this Agreement for the Nevada Department of Transportation (DOT) Traffic Operations Department. The scope of services requiring the use of contingency funds will be agreed upon in writing by the Parties to this Agreement prior to the commencement of such services. The cost of the contingency services will also be negotiated prior to performing the services and will include all costs associated with the work. The total cost of the work for the contingency funds for this Agreement shall not exceed the sum of Twenty-Seven Thousand Five Hundred Sixty-Seven and 23/100 Dollars (\$27,567.23) unless such sum is increased through a written amendment to this Agreement. Contingency services to be performed by Ford shall not commence until its receipt of written approval from the Traffic Operations Nevada Department. The Traffic Operations Department Encumbered Contract Value is the sum of the total Agreement price at execution of this Agreement plus the contingency amount, unless increased by a written amendment and signed by all Parties.

The total Traffic Operations Department Encumbered Contract Value, which includes the contingency, shall not exceed Four Hundred Fifty Thousand and 00/100 Dollars (\$450,000.00), unless approved by all Parties through a written Amendment.

ALTERNATIVE LEASING OPTION:

As an alternate to the payment terms identified above, Ford offers a leasing option for the equipment and work defined in this proposal. This proposal provides an approximate monthly payment for hardware, software, and services based upon the contract type and duration of the projected payments in months. Additional monthly durations are available

upon request. The pricing in this proposal is valid for sixty (60) days from the date on this proposal.

The payment for a 36-month lease, based on the 'Total Amount' shown above is approximately, \$13,932.00, subject to credit approval and terms of the lease agreement. This amount is subject to change based on the final lease agreement conditions, the stipulations of the leasing company, and any contract change orders. The estimated monthly lease payment does not include any optional pricing outlined in this proposal. The actual lease payment and duration of the lease will be confirmed upon final selection of options by the Customer. Contract change orders can be added to the lease amount. Any change orders will affect the financed payment amount, duration of the lease agreement, or both the financed amount and lease agreement duration.

If the Customer finances this system, Customer's payment obligations for the system will be with the finance company. The Customer will have no obligation to pay Ford upon Customer granting authorization to the finance company to disburse funds to Ford.

CC: Unless otherwise prohibited by law, a 3% bank interchange fee will be charged for using a credit card for payment.

PRICE: The price stated above for this project is based upon the complete system being purchased and installed at one time. In the event the Customer selects to purchase less than the total project, delays purchase of any portion of the system, requires that the system be installed in phases, or delays the installation; Ford reserves the right to charge for additional labor, travel, and overhead. The price is valid for sixty (60) days from the date of this proposal.

COMMENCEMENT OF WORK:

Ford must receive the enclosed contract signed by the Customer and/or a Customer provided and Ford approved purchase order that specifically accepts and includes ALL terms and conditions outlined in this proposal, along with any payment terms and provisions included in this proposal before the agreement will be considered fully accepted and executed by Ford. Receipt of the above mentioned documents and payments is a condition precedent to Ford's obligation to perform any work contemplated under this contract, including engineering the system, purchasing the equipment and scheduling the work crews for installation. In the event the Customer fails to pay Ford within the terms above, Ford reserves the right to stop work on the project until all payments are received by Ford in accordance with the terms.

CREDIT: This proposal shall not be deemed as accepted by Ford until the executed contract is returned to Ford's Credit Center for final review and acceptance.

CHANGES: Any Customer Change Orders (CCO) must be approved in writing by the Customer prior to execution by Ford and are subject to the credit terms of this agreement.

NON-HIRE: The Customer and Ford mutually agree, because of the high cost of training an employee, that neither party shall solicit the employment of any employee of the other party, and shall not employ any employee or any person who was an employee of the other party at any time during the relationship between the parties or for a period of one (1) year following the termination of any relationship between the parties. In the event of a breach of this

section, the breaching party agrees to pay the other party an amount equal to the hired employee's annual wages as an agreed upon cost to replace the employee.

F. GUARANTEES AND LIMITATIONS OF WARRANTIES

1. FORD GUARANTEES THE FOLLOWING:

- a. Equipment will be new, unless noted otherwise.
- b. All workmanship provided by Ford will be free of defects and will be repaired, free of charge, for a period of two (2) years from the date of substantial completion or the first date of beneficial use of the system, whichever date occurs first. Substantial completion shall be defined as the point where the work, or designated portion thereof, is sufficiently complete so that the system can be used for its intended purpose.
- c. All equipment and materials provided by Ford that were manufactured by other companies will be warranted under the standard warranty terms of the original manufacturer.
- d. The warranty does not include nor cover expendable materials used with the system installation (e.g., light bulbs, lamps, light fixture lamps, fuses, batteries, portable connection cables, etc.).
- e. Ford is not responsible for the reliability of systems that communicate using wireless technology. The performance of equipment utilizing wireless communications is inherently unreliable and will experience "drop outs", distortion, and loss of connectivity from time to time. Interference from other forms of radio frequency transmissions, such as radio and television broadcasts, cell phones, and computer wireless networks, is probable, and should be expected.
- f. Ford is not responsible for the performance, testing, or configuration of owner-furnished data networks that are used to transmit audio, video, and lighting program data and control signal data. IP-based videoconferencing systems rely upon data networks that can provide consistent bandwidth for the transmission. Videoconferencing that is transmitted over the Internet is subject to the intermittent and unreliable nature of the public network. In the event that the Customer's network is found to be the cause of defects in the quality of the audio/video signals, is unreliable, or has insufficient bandwidth to support the A/V/L system and Ford's network engineers are required to troubleshoot or configure the Customer's network, the cost of this service will be invoiced to the Customer.
- g. The term "Software" as used in this document includes all editable source files, un-editable compiled files, graphical user interface files and functionality, audio digital signal processor (DSP) files, in whole and in part, produced under the terms of this agreement.

Unless otherwise expressly agreed in writing, all Software created by Ford remains the property of Ford, and the Customer is hereby provided a license to use the Software for this project only. The Software may not be used on any other project, nor used for any purposes outside of this project, nor shared nor disclosed to anyone who is not an employee of the Customer's company without prior approval from Ford.

- h. Any adjustments made by the Customer or the Customer's agent(s), other than routine operational adjustments, including adjustments or changes to the Software, will not be

covered under this warranty statement. Re-calibration of settings will be considered by Ford to be billable time to the Customer at Ford's standard engineering rates.

- i. Procedures such as routine preventative maintenance functions (e.g., keeping filters clean, keeping system environment free from foreign materials, etc.) are the responsibility of the Customer and is not included within this warranty agreement. Failure on the part of the Customer to perform these routine maintenance functions shall void this warranty.
 - j. If warranty work is necessary within the warranty period, Ford will, at its option, repair the defective equipment or return it to the manufacturer for repair.
 - k. Repairs, modifications, or other work performed by personnel not authorized by Ford during the period of warranty on any equipment of the system, including any changes to the Software, will invalidate the warranty.
 - l. Ford will not be responsible for damages or cost of repairs due to modifications, adjustments, or additions to the system performed by personnel not authorized by Ford prior to acceptance of the system by the Customer.
 - m. Ford may withhold warranty service in the event that the Customer has an unpaid balance due to be paid to Ford.
2. OWNER-FURNISHED EQUIPMENT (OFE):
- a. Ford's intent is to provide a complete system including all equipment. In some cases, the Customer may own equipment which they desire to be included with the installation. Ford identifies this as OFE.
 - b. The use of OFE is solely for the convenience of the Customer and is not included in the warranty or guarantee provided.
 - c. Ford shall take reasonable care in handling OFE and install it according to standard industry practices; however, Ford takes no responsibility for the operation, performance, appearance, or effects of OFE before, during, or after its integration into the system. Ford reserves the right to accept or reject OFE based on the equipment's service record, or lack thereof, poor condition, or out of date software/firmware. Ford will not accept OFE that is purchased by the Customer to replace equipment that is specified in this proposal.
 - d. In the event that OFE does not function properly, Ford shall notify the Customer to determine if the OFE is to be a) repaired, b) an alternate unit provided by the Customer, c) the unit is not to be used, or d) Ford is to provide a new unit. Ford shall provide a cost to the Customer for the work to be done. The Customer will authorize any additional costs to the job.
 - e. The existing equipment, removed as a courtesy by Ford, that is not being reused, shall be handed over to the Customer. Ford is not responsible for the existing equipment or its condition when received by the Customer.

G. TRAINING AND DOCUMENTATION

1. TRAINING INCLUDED:

- a. Ford will host a training session near the completion of installation. All system users and interested persons should attend this training so that all questions can be answered during this training.
- b. During the training, if requested, Ford personnel will attend the initial first use of the system and assist the Customer's operators and users in the operation of the Ford-installed system.
- c. Ford shall provide a training agenda for scheduled training.
- d. Ford shall provide a quick start guide (QSG) for each room type. The QSG is a generic, brief description, of how to operate the system. One (1) copy of a laminated document, for each room type, shall be provided to the Customer.

2. ADVANCED TRAINING - OPTIONAL:

Ford is committed to providing the highest quality and most modern training experience possible to its Customers. In addition to the training included with this project, for an additional fee, Ford offers multiple, customizable options to fit the needs of any Customer. The possible programs include:

- a. Ford shall supply a training video consisting of a visual tutorial or tutorials, if multiple room type videos are purchased, that will explain how to operate specific AV systems. This training tutorial, narrated by a Ford trainer, is a self-paced, always-available, online video, viewable on any mobile device which give the learner a step-by-step process on how to use the technology.
- b. In consultation with the Customer, Ford will develop and execute a custom curriculum and curriculum schedule.
- c. Ford will provide in-person presentation(s), as needed, including presentation materials such as PowerPoint or Prezi presentation.
- d. Ford will develop a custom Orientation & Operations Handbook, which shall include detailed, user-friendly information on solutions, functionality, troubleshooting, curriculum, and other useful reference materials.
- e. The Ford Training Center also highly recommends follow-up training sessions six months to a year following the initial session(s) to ensure that all concepts are anchored and being employed by each user as well as providing opportunities for new employees to receive the same level and style of training existing employees received. The Ford Training Center will work with customers to develop a long-term training strategy and/or ongoing training curriculum.
- f. Additional materials include documents in electronic format, additional hard and/or laminated copies of Quick-Start Guides and Orientation & Operations Handbooks, as well as CDs or DVDs of these curriculum materials.

- g. All training curriculum and components will be developed and executed by a Ford Master Trainer.
- h. The components of the optional training are to be determined by the Customer, Account Manager, and Ford Master Trainer to meet the needs of the Customer. The cost of the additional materials and training is based on the desired program.
- i. Please contact Ford to receive a customized price quote on the Advanced Training Program option.

H. BUILDING CONSTRUCTION AND SYSTEM INSTALLATION

1. VISUAL INSPECTION:

- a. This proposal is based upon a visual inspection of the site conditions. It is agreed that some buildings may have inherent design and/or construction that is not visibly recognizable and is outside of normal standard and customary building procedures. If the walls, floors or ceiling are found to be constructed in a manner that wire cannot be pulled or equipment cannot be mounted or otherwise installed without labor or materials in excess of those anticipated by both parties and proposed herein, the Customer agrees to be responsible for any adjustments in the labor and materials required to perform the installation.

2. EXISTING CONDITIONS:

- a. Acoustics and Noise

In facilities where Ford is providing a sound or audio system, the Customer is responsible for providing an environment free of ambient noise and excessive reverberation and echoes.

- 1) Typically, ambient noise is created by HVAC systems (Heating, Ventilation, and Air Conditioning), plumbing, or other mechanical systems in the building. In general, Ford recommends that the ambient noise sound pressure level not exceed NC35 (Noise Criteria) or 35 dB A scale.
- 2) Long reverberation times and echoes are normally the result of hard wall, floor, and ceiling surfaces found in some rooms. Typically, Ford recommends that the reverb time does not exceed 1.5 seconds where the primary use is the communication of speech. The production of other types of music may require longer reverberation times. In the event that echoes exist, absorptive or diffusive wall and ceiling panels may be required to eliminate or minimize the detrimental effects of the echoes.
- 3) Ford is not responsible for any costs related to reducing the ambient noise or modifying the acoustics of the Customer's facilities.

I. ACCEPTANCE

1. The Customer's personnel will be notified by Ford upon completion of the installation.
2. Demonstration of system performance will be during the training session.
3. Participants at the performance demonstration shall include personnel representing Ford and personnel representing Nevada Dept. of Transportation who are authorized to accept the system as complete and make final payment.

This proposal shall not be deemed as accepted by Ford until the executed contract is returned to Ford's Credit Center for final review and acceptance. If a purchase order is required by the Customer, it must be transmitted with the signed install agreement for review and acceptance.

This proposal contains confidential pricing, design, engineering, and installation information that is proprietary to Ford. It is provided for your private use, and is not to be disclosed, in part or in whole, without the express, written authorization of Ford.

We appreciate the opportunity to work with you on this project. If you have any questions or need additional information, please contact me at 702-369-9965.

Sincerely,

FORD AUDIO-VIDEO SYSTEMS, LLC

Graham De Partee
Account Manager

Voice: 702-369-9965
E-mail: depag@fordav.com
Website: www.fordav.com

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- Sole Proprietorship
- Partnership
- Limited Liability Company
- Corporation
- Trust
- Non-Profit Organization
- Other

2. Are you a publicly-traded corporation? Yes No

3. Number of Nevada Residents Employed (Do Not Leave Blank): 7

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

Ford Audio-Video Systems, LLC

5. Corporate/Business Entity Street Address:

Street Address: 4800 West Interstate 40	Website: www.fordav.com
City, State and Zip Code: Oklahoma City, OK 73128	Point of Contact Name: Graham De Partee
Telephone and Fax No. 405-946-9966	Email: depag@fordav.com

6. Nevada Local Business Street Address (If different from above):

Street Address: 6255 South Sandhill Road, Suite 100	Website: www.fordav.com
City, State and Zip Code: Las Vegas, NV 89120	Point of Contact Name: Graham De Partee
Local Telephone and Fax No. 702-369-9965	Email: depag@fordav.com

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Claire M. Ford	CEO (Managing Member)	60%
James A. Ford	President (Member)	40%

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the *Definition* section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION
n/a			

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.


 Signature
Sales Center Manager
 Title

Jeffrey L. Johnson
 Print Name
01/20/21
 Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

Yes No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

Yes No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name
Authorized NDOT Representative

Line Item 2

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

548-20-015

For Agreement Services Only

Request to Solicit Services and Budget Approval (2A)
Amendments for time extensions (time only) do not require a form 2a

Initial Budget Request Request for Amendment #: Agreement #:

If Amendment, name of Company:

Project ID #(s): N/A

Type of Services: Service Provider

Originated by: Nick Johnson Division: Project Management Date Originated: 12/6/2020

Division Head/District Engineer: Nicholas Johnson

Budget Category #: 06-BLDG LND IMP Object #: 813W Organization #: B015

Estimated Cost: \$2,000,000.00 Type of Funding: State % of Fund: 100

Funding Notes: 2021: \$500K; SFY 2022: \$1 M, SFY 2023: \$500K State Fiscal Year(s): SFY 2021, 2022, 2023

IT Review:

Signature Date

Financial Management:

dspelts 12/7/2020

Signature Date

- Requires Transportation Board Approval
- Does not require Transportation Board Approval

Approval of this form by the Financial Management Division, Budget Section, provides funding authority for the services described. Actual availability of funds and the monitoring of actual expenditures must be determined by the Division Head.

Project Accounting:

KMcKee 12/7/2020

Signature Date

Director:

Kristina Swallow 12/7/2020

Signature Date

Attachments:

Budget by Organization Report (Report No. NBDM30) attached here:

If Amendment, attach original Agreement here:

Any additional information to attach:

Purpose of, and Justification for, Budget Request:

The State of Nevada has committed to greenhouse gas (GHG) emission reduction targets through Executive Order 2019-22 as well as Senate Bill 254 in the 2019 legislative session. As transportation is currently the largest emitter of GHG in the state, and the country, the state must look at a variety of transportation solutions for the state to meet this target. These strategies will include transportation electrification as well as a reduction in overall transportation energy use (demand reduction or vehicle miles traveled reduction). However, without modernizing our current transportation funding model to incorporate new vehicle technologies and the development of greater mass transit and active transportation options, we risk undermining the long-term sustainability of our State Highway Fund (SHF). NDOT, intends to create a robust and inclusive working group to include other state agencies, elected officials, and stakeholders and to conduct a study to evaluate and recommend potential sustainable and equitable transportation funding strategies to balancing the needs of all transportation system users as well as environmental goals.

Scope of Services:

The scope of this study will include but not be limited to research, analysis and development of potential transportation funding strategies that consider all modes of transportation, reductions in GHG, sustainable transportation funds, and the ability for the state to collect, manage, and use such funds. The study will develop implementation strategies, establishing a stakeholder working group, taxation analysis, legislative efforts, etc.



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

January 15, 2021

TO: Sondra Rosenberg, Assistant Director of Planning
FROM: Nick Johnson, Project Manager
SUBJECT: Master Agreement Summary for RFP 548-20-015 Sustainable Transportation Funding Strategies

The Department is seeking to hire one (1) firm to perform studies for alternative and sustainable transportation funding strategies for the DEPARTMENT’s capital improvement program, and to assist the DEPARTMENT in legislative and public outreach activities, and develop an implementation plan for the identified funding solutions. It’s anticipated that future amendments to this agreement may be required to accommodate changes or additional tasks that may be deemed necessary as a result of the legislative session or from the stakeholder working groups.

Scope of Services: (Please see attached Scope of Services)

There is no DBE goal for this agreement.

Duration of this agreement(s) will be for 4 years and six months, ending on July 30, 2025.

The budgeted amount of this Agreement is comprised of 100% State Funding.

The following firm has been selected from a competitive RFP process to enter into a Master Service Agreement, this is not an assurance of work:

Firm Name:
Milestone Solutions, LLP

Any agreement executed as a result of this procurement shall be a Master Service Agreement, and work will be issued by Task Order. The total amount of all Task Orders issued to the service provider shall not exceed One Million Seven Hundred Ninety Five Thousand Seven Hundred Fifty Two and No/100 Dollars (\$1,795,752.00).

Terms of negotiations will be determined at the time of each Task Order.

Reviewed and Approved:

DocuSigned by:

 01/15/2021
 806F72366AF0452...
 Assistant Director

Scope of Work for
NDOT Sustainable Transportation Funding Strategies Project

Task Area 1: 2021 Legislative Session and Pre-Working Group Support

[Covers research, analysis, advising, and Working Group preparatory activities during regular session, any special sessions, and post-session until a Working Group is formally appointed]

Anticipated duration: February 2021 through June 2021

Activity 1.1: Situational and Stakeholder Assessment

Formulate an early outreach plan and participate in meetings with key NDOT staff, other agency staff and other key stakeholders to gain full understanding of recent transportation funding history in Nevada, including current and future transportation needs; funding challenges, issues, and concerns of public agencies, stakeholders, and the general public.

Specific timing, audiences and discussion topics will be coordinated with and approved in advance by NDOT.

Activity 1.2: Research, Analysis, Advice and Legislative Drafting

Provide analysis, advice and legislative drafting options for NDOT's consideration regarding legislation authorizing the Working Group, scope/changes to proposed study criteria and its mission.

Conduct research and analysis on various transportation funding and related public policy issues, including but not limited to GHG reduction, transportation mobility and multi-modal systems, system efficiency, land use planning, and taxpayer equity.

Upon NDOT approval, conduct detailed tax, financial, equity, social justice, legal, operational, and policy analysis of the funding strategies raised during the legislative session.

Activity 1.3: Working Group Formation

Identify Working Group membership, craft project charter, initial draft schedule, and meeting/public engagement approach, and establish infrastructure support for communications, policy and fiscal analysis activities.

Devise strategic schedule and participate in meetings with legislative, executive, and public agency officials as requested by NDOT.

Prepare background briefing materials for early distribution. Upon NDOT approval, background briefing materials will be provided to Working Group members in preparation for commencement of the first Working Group meeting.

Task Area 2: Communication and Outreach

[Development and execution of a strategic communication plan, to include (at minimum) an education and outreach strategy with public officials and agencies as important audiences.]

Anticipated duration: February 2021 through June 2023

Activity 2.1: Help identify key stakeholders and public officials to be consulted during Working Group formulation and for ongoing Working Group activities.

Activity 2.2: Provide information to relevant legislators and committees as requested by NDOT; gather information and attend hearings and/or other meetings relevant to the project, and report back to NDOT and project team.

Activity 2.3: Develop a strategic communication plan tailored to distinct phases of the project:

- A) in advance of Working Group kickoff;
- B) throughout Working Group deliberations and activities; and
- C) for the final recommendations, reporting and advancement.

The strategic communication plan will include, at minimum:

- The communication and outreach strategy to reach a wide audience, including but not limited to relevant commissions and boards, business groups, labor, environmental organizations, diversity organizations, media outlets, and the general public;
- Materials to implement the strategy, including one-page description of the Working Group purpose and activities; talking points; draft emails; FAQs; a base presentation in PPT format; and media kits for distribution to news outlets; and
- Two-way communication methods through email submissions, hotline number and communications allowing equal access to bi-lingual users and those may be visually or auditorily challenged; and
- Establishment of communication channels, as approved by NDOT: email lists, web site, social media presence, public opinion surveys, focus groups, and specifically targeted demographically popular mediums such as LinkedIn, YouTube, Instagram, etc.

Activity 2.4: Once developed and approved by NDOT, coordinate with project team members to implement the strategic communication plan.

Task Area 3: Working Group Activities and Deliberations

[Full project management, coordination, research, analysis and communications support of Working Group throughout deliberations and final meeting.]

Anticipated duration: Working Group establishment (estimate July 1, 2021) through end of Working Group meeting schedule (estimated June 30, 2022).

Activity 3.1: Working Group Meetings

In collaboration with NDOT and upon approval of Working Group Chair, develop work plan, meeting schedule, topics, and agenda for Working Group activities.

Present information developed under 3.2 to Working Group members at regularly scheduled meetings.

Help facilitate Working Group discussions, including identification of policy priorities and issues that must be addressed; and establishing screening criteria for analyzing and recommending transportation funding options.

Facilitate Working Group deliberations, findings, conclusions and recommendations.

Facilitate public comment and public input throughout Working Group meetings and provide a thorough process for message management and response to community inquiries.

Activity 3.2: Research and Analysis

Conduct detailed tax, financial, equity, social justice, legal, operational, and policy analysis of the funding strategies under consideration by the Working Group that builds upon preliminary research conducted in the months prior.

Develop revenue/cost models, technical memos, and synthesis reports on funding options.

Activity 3.3: Assess organizational capacity and readiness to implement various transportation funding options (to include legal, technical, administrative, engineering, and public acceptance factors).

Task Area 4: Working Group Recommendations, Reporting, and Advancement

[Development of Final Report, supporting materials, planning documents, concept-level designs as appropriate, draft legislation, reporting and information sharing with NDOT's local, state, regional and national audiences.]

Anticipated duration: March 2022 through June 2023

Activity 4.1: Draft Working Group findings, conclusions and recommendations into a Final Report, ensuring that it thoroughly and accurately represents all information and opinions expressed during the Working Group's deliberations and final decisions.

Activity 4.2: For preferred or recommended options, develop concept-level designs for operations, and strategic implementation roadmaps.

Activity 4.3: Support NDOT in preparation of agency reports, briefings to the Governor, Legislature, and stakeholders; compile and process information in support of NDOT's regional and federal interests; etc. If requested by NDOT: develop draft legislation consistent with the findings and recommendations of the Working Group; and conduct further research, design and testing of revenue mechanisms.

Due to the uncertainty and nature of this effort, the Department may amend this scope and agreement to accommodate changes due to any legislative action and/or direction of the working group.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- Sole Proprietorship
- Partnership
- Limited Liability Company
- Corporation
- Trust
- Non-Profit Organization
- Other

2. Are you a publicly-traded corporation? Yes No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

Milestone Solutions LLP

5. Corporate/Business Entity Street Address:

Street Address: 1108 Lavaca St. Ste. 110-227	Website: www.reachmilestone.com
City, State and Zip Code: Austin, TX 78701	Point of Contact Name: Travis Dunn
Telephone and Fax No. T: 512-576-4996 F: 512-692-3730	Email: travis.dunn@reachmilestone.com

6. Nevada Local Business Street Address (If different from above):

Street Address: N/A	Website:
City, State and Zip Code:	Point of Contact Name:
Local Telephone and Fax No.	Email:

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the *Definition* section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No


2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION
N/A			

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.


 Signature Travis P. Dunn
 Print Name
Managing Partner
 Title
1/11/2020
 Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

Yes No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

Yes No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name
Authorized NDOT Representative

Line Item 3

365-20-015

Request to Solicit Services and Budget Approval (2A)
Amendments for time extensions (time only) do not require a form 2a

x Initial Budget Request Request for Amendment #: Agreement #:

If Amendment, name of Company:

Project ID #(s): Statewide On-Call (IDIQ) for Program Management and Project Delivery

Type of Services: Engineeering

DS
NJ

Originated by: dwilkinson@dot.nv.gov Division: Project Mgmt Date Originated: 08/20/2020

DS
ML

Division Head/District Engineer: Nick Johnson

Budget Category #: 06-BLDG LND IMP Object #: 813W Organization #: B015

Type of Funding: State % of Fund: 100 State Fiscal Year(s): 21,22 & 23

Amendment Estimated Cost:

Total Agreement Estimated Cost: \$16,000,000

Funding Notes: SFY21-\$5,000,000; SFY22-\$6,000,000; & SFY23-\$5,000,000

Financial Management:

DocuSigned by:
Donna Spelts 08/20/2020
6ABCF3985622490...
Signature Date

x Requires Transportation Board Approval
Does not require Transportation Board Approval

Approval of this form by the Financial Management Division, Budget Section, provides funding authority for the services described. Actual availability of funds and the monitoring of actual expenditures must be determined by the Division Head.

Project Accounting:

DocuSigned by:
Kathleen Meke 08/20/2020
9E9E10973C1B46E...
Signature Date

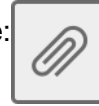
Director:

DocuSigned by:
Kristina Swallow 08/20/2020
C4B612FC2C1E4EB...
Signature Date

365-20-015

Attachments:

Budget by Organization Report (Report No. NBDM30) attached here:



If Amendment, attach original Agreement here:

Any additional information to attach: Yes



Purpose of, and Justification for, Budget Request:

Due to demands on internal resources in the event that a stimulus package is provided and to have Service Provider agreements in place to handle this need. This request for engineering services for program management, project delivery and alternative project delivery is being made.

Scope of Services:

Please see attached scope of services. To summarize: engineering services in all disciplines needed to support project management, project delivery, and alternative project delivery tasks that may be required.





1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7440
Fax: (775) 888-7201


MEMORANDUM

January 4, 2021

TO: Jeff Lerud, Assistant Director Engineering

FROM: Nick Johnson, Chief Project Management ^{DS} 

Lynnette Russell, Assistance Chief Project Management ^{DS} 

Dwayne Wilkinson, Senior Project Manager ^{DS} 

SUBJECT: Master Agreement Summary for RFP 365-20-015 On-Call (IDIQ) for Program Management and Project Delivery Services

The Department is seeking to hire (5) firm(s) to provide: On-Call (indefinite delivery/indefinite quantity) for Program Management and Project Delivery related engineering and support services for the Project Management Division.

Scope of Services: (Please see attached SCOPE OF SERVICES)

The DBE goal for these agreements will be established for each Request for Approach. The Master Agreement details this process.

Duration of these agreement(s) will be for 3 years, ending on February 8, 2024.

The budgeted amount of this Agreement is comprised of 100% State Funding.

The following firm('s) have been selected from a competitive RFP process to enter into a Master Service Agreement, this is not an assurance of work:

Firm Name: Avenue Consultants, Inc.; CA Group, Inc.; CDM Smith, Inc.;
Horrocks Engineers, Inc; and Jacobs Engineering Group, Inc.

Any agreement executed as a result of this procurement shall be a Master Service Agreement, and work will be issued by Task Order. The total amount of all Task Orders issued to all service provider(s) shall not exceed Sixteen Million and 00/100 Dollars (\$16,000,000.00).

Terms of negotiations will be determined at the time of each Task Order.

Reviewed and Approved:

DocuSigned by:


 Assistant Director Engineering

It is anticipated that the SERVICE PROVIDER will be required to perform the following services for a period of three (3) years (**This list of services is not inclusive of all Project Management, Project Delivery, and Alternative Project Delivery tasks that may be required. SERVICE PROVIDERs are encouraged to review the DEPARTMENT's Pioneer Program Guidelines, Third Edition included on the DEPARTMENTs website at: <https://www.nevadadot.com/home/showdocument?id=4496> to understand the full range of tasks that may be required to accomplish this Scope of Services.**):

- Provide Program Management services that may include, but are not limited to, the following items:
 - Project identification and “Project Readiness” evaluation for program projects which may include, but is not limited to the following:
 - Utilizing the DEPARTMENT's planning information and documents and tools, the SERVICE PROVIDER will develop, evaluate, and prioritize a list of early action projects, or projects to be accelerated through project delivery.
 - Providing an engineering team to scope new and/or existing projects as needed to evaluate and prioritize.
 - Report on program project progress on a bi-weekly basis.
 - Preparation and submittal of scope budget change forms and scheduling and programming paperwork for any program project that may need it.
 - Preparation and presentation to the project team of the Project Delivery Selection Approach (PDSA).
 - Preparing and presenting any program/project to Project Selection Committee (PSC).
 - Review, interpret, and/or develop Nevada Revised Statutes (NRS) and Nevada Administrative Code (NAC) provisions related to project/alternative delivery.
 - Programmatic risk evaluation, Benefit Cost Analysis (BCA), Value Engineering (VE), and any other program/project evaluation tool as agreed to.
 - Assist with development and implementation of Project Labor Agreements, templates, forms, policies, and guidelines.
 - Review and provide input on change orders and claims for alternative delivery contracts.
 - Provide updates of any Project Management documents such as manuals, guidelines, and policies.
 - Provide training in the following: risk management, project management, alternative delivery, and other program and/or project management areas. This will include providing any training materials and facilities needed for the training. Note- all training must also be available virtually through Microsoft Teams.
 - Project Management Support assisting Project Managers with any needed tasks associated with the management of any of their projects.
 - Act as the DEPARTMENT's Project/Program Manager on project(s) at the instruction of the Chief or Assistant Chiefs of Project Management. This may require the SERVICE PROVIDER to procure, manage, and oversee the work of other SERVICE PROVIDERs for project delivery services.

- Assist with Agency and Stakeholder coordination for Program Management related activities and services.
- Provide services for Design-Build and/or alternative delivery projects as described in the DEPARTMENT's Pioneer Program Guidelines, Third Edition. This may include, but are not limited to, the following services:
 - Developing procurement documents for Design-Build Projects such as Request for Qualifications (RFQ), Instructions to Proposers (ITP), and Request for Proposals (RFP).
 - Development of Technical Provisions and Contract.
 - Technical, legal, and financial services for review, evaluation, and recommendation.
 - Reviewing and making recommendations on Contract insurance requirements.
 - Performing risk analysis, value engineering, and other assessments.
 - Contract administration and Document Control throughout the duration of the project.
 - Assisting the DEPARTMENT Project Manager with Project Management tasks through all Phases (Identification, Solicitation, Evaluation, and Award & Contract Administration) and Project Close Out.
 - Provide the technical engineering team to: develop Reference Information Documents (RIDs) and Technical Provisions (TPs), conduct Subsurface Utility Engineering (SUE), conduct geotechnical investigations, perform right-of-way services, review and evaluate proposals, review Design-Builder's submittals and plans, conduct contractor schedule reviews, provide independent cost estimates, and provide other technical engineering services as needed. The SERVICE PROVIDER is expected to have a team to which they can deliver all aspects of the Design-Build Project.
 - Providing any of the tasks, engineering, procurements, processes, and other needed services related to any alternative delivery projects/processes as defined in the Department's Pioneer Program Guidelines, Third Edition.

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- Sole Proprietorship
- Partnership
- Limited Liability Company
- Corporation
- Trust
- Non-Profit Organization
- Other

2. Are you a publicly-traded corporation? Yes No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

Avenue Consultants, Inc.

5. Corporate/Business Entity Street Address:

Street Address: 6605 S Redwood Rd Ste 200	Website: www.avenueconsultants.com
City, State and Zip Code: Taylorsville, UT 84123	Point of Contact Name: Andrew Gemperline
Telephone and Fax No. 801-207-7660	Email: andrew@avenueconsultants.com

6. Nevada Local Business Street Address (If different from above):

Street Address: N/A	Website: N/A
City, State and Zip Code: N/A	Point of Contact Name: N/A
Local Telephone and Fax No. N/A	Email: N/A

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Melvin B. Bodily	President	30.5%
David W. Thompson	Owner	30.5%
Andrew F. Gemperline	Vice President	20.0%

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

2. Disclose any individual members, partners, owners or principals involved in the business entity with a first or second degree of consanguinity, or affinity relation to a NDOT full-time employee(s) or appointed/elected official(s) (reference the *Definition* section below).

Definitions:

Consanguinity is a relationship by blood.

Affinity is a relationship by marriage.

First and Second degree of consanguinity applies to the candidate's first and second degree of blood relatives as follows:

- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No


2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.


 Signature
President
 Title

Melvin Bodily
 Print Name
12/15/2020
 Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

- Yes No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?
- Yes No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

 Signature

 Print Name
 Authorized NDOT Representative

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- Sole Proprietorship
- Partnership
- Limited Liability Company
- Corporation
- Trust
- Non-Profit Organization
- Other

2. Are you a publicly-traded corporation? Yes No

3. Number of Nevada Residents Employed (Do Not Leave Blank): 63

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

CA Group, Inc.

5. Corporate/Business Entity Street Address:

Street Address: 2785 S. Rainbow Blvd., Suite 100	Website: www.c-agroup.com
City, State and Zip Code: Las Vegas, NV 89117	Point of Contact Name: James Caviola
Telephone and Fax No. 702.685.5945	Email: james.caviola@c-agroup.com

6. Nevada Local Business Street Address (If different from above):

Street Address: same	Website:
City, State and Zip Code:	Point of Contact Name:
Local Telephone and Fax No.	Email:

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
James Caviola, PE, PTOE	President	0%
Chad Anson, PE	Vice President	0%
CA Group, Inc. Employee Stock Ownership Trust		100%

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DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

Purpose:

1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

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- First Degree: Spouse – Registered Domestic Partners – Children – Parents – In-laws
- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.



Chad Anson, PE

Signature

Print Name

Vice President

December 15, 2020

Title

Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

Yes No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

Yes No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name

Authorized NDOT Representative

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- Sole Proprietorship
- Partnership
- Limited Liability Company
- Corporation
- Trust
- Non-Profit Organization
- Other

2. Are you a publicly-traded corporation? Yes No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

CDM Smith Inc.

5. Corporate/Business Entity Street Address:

Street Address: 12313 Soaring Way Suite 2-D	Website: www.cdmsmith.com
City, State and Zip Code: Truckee, CA 96161	Point of Contact Name: Jim Gallegos, PE, PMP
Telephone and Fax No. Tel (530) 582-7235 Fax (530) 582-1098	Email: gallegosja@cdmsmith.com

6. Nevada Local Business Street Address (If different from above):

Street Address:	Website:
City, State and Zip Code:	Point of Contact Name:
Local Telephone and Fax No.	Email:

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Not applicable	CDM Smith is an employee-owned	
	corporation, no one person	
	owns 5% or more of the stock.	

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

This section is not required for publicly-traded corporations

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Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.



William E. Hurrell

Signature

Print Name

Vice President

December 17, 2020

Title

Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

Yes No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

Yes No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name

Authorized NDOT Representative

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- Sole Proprietorship
- Partnership
- Limited Liability Company
- Corporation
- Trust
- Non-Profit Organization
- Other

2. Are you a publicly-traded corporation? Yes No

3. Number of Nevada Residents Employed (Do Not Leave Blank):

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

Horrocks Engineers, Inc.

5. Corporate/Business Entity Street Address:

Street Address: 2162 West Grove Pkwy, Suite 400	Website: www.horrocks.com
City, State and Zip Code: Pleasant Grove, UT 84062-6728	Point of Contact Name: Wayne Horlacher
Telephone and Fax No. 801-763-5100	Email: wayneh@horrocks.com

6. Nevada Local Business Street Address (If different from above):

Street Address: 1401 N. Green Valley Pkwy, Suite 160	Website: www.horrocks.com
City, State and Zip Code: Henderson, NV 89074	Point of Contact Name: Wayne Horlacher
Local Telephone and Fax No. 702-966-4063	Email: wayneh@horrocks.com

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Russell Youd	President	12%
Jim Horrocks	CEO	9%
Brian Atkinson	Secretary	6%
Bryan Foote	Vice President	6%
Matt Horrocks	Vice President	6%
Ron Mortimer	Vice President	6%

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DISCLOSURE OF RELATIONSHIP FORM

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Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.

Signature



Wayne Horlacher

Print Name

Senior Vice President

Title

12/15/2020

Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

Yes No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?

Yes No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name
Authorized NDOT Representative

DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Business Entity Type (Please select one)

- Sole Proprietorship
- Partnership
- Limited Liability Company
- Corporation
- Trust
- Non-Profit Organization
- Other

2. Are you a publicly-traded corporation? Yes No

3. Number of Nevada Residents Employed (Do Not Leave Blank): 111

4. Corporate/Business Entity Name (Include d.b.a., if applicable):

Jacobs Engineering Group Inc.

5. Corporate/Business Entity Street Address:

Street Address: 1999 Bryan Street, Suite 1200	Website: www.jacobs.com
City, State and Zip Code: Dallas, TX 75201	Point of Contact Name: Ken Gilbreth, P.E.
Telephone and Fax No. (214) 638-0145, (702) 638-0447	Email: Ken.Gilbreth@jacobs.com

6. Nevada Local Business Street Address (If different from above):

Street Address: 1301 N. Green Valley Pky, Suite 200	Website: www.jacobs.com
City, State and Zip Code: Henderson, NV 89074	Point of Contact Name: Ken Gilbreth, P.E.
Local Telephone and Fax No. (702) 369-6175, (702) 369-1107	Email: Ken.Gilbreth@jacobs.com

6. List of Owners/Officers

All business entities*, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest.

Full Name	Title	% Owned (Not required for Publicly-Traded Corporations/Non-profit Organizations)
Please see attached list		

*Business entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

DISCLOSURE OF RELATIONSHIP FORM

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1. Disclose any individual members, partners, owners or principals involved in the business entity that is a NDOT full-time employee(s) or appointed/elected official(s).

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as otherwise provided in that statute.

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- Second Degree: Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws

Disclosure of Relationship:

If "YES" is selected for any of the following questions, the Disclosure of Relationship form must be completed (see Page 5).

1. Are any individual members, partners, owners or principals involved in the business entity a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

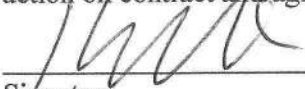
2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

Yes No

List any disclosures below (mark N/A, if not applicable.):

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF NDOT EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO NDOT EMPLOYEE/OFFICIAL	NDOT EMPLOYEE'S/OFFICIAL'S DEPARTMENT/DIVISION

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that NDOT may not take action on contract and agreement approvals without the completed disclosure form.


Signature

Ken Gilbert
Print Name

V.P.
Title

12-17-2020
Date

For NDOT Use Only:

If any Disclosure of Relationship is noted above, please complete the following:

- Yes No Is the NDOT employee(s) noted above involved in the contracting/selection process for this particular item?
- Yes No Is the NDOT employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

Signature

Print Name
Authorized NDOT Representative

Appointments

Board Directors

Name	Position	Appointed
<u>Bronson, Joseph R.</u>	Director	02/11/2003
<u>Brooks, Vincent K.</u>	Director	08/14/2020
<u>Demetriou, Steven J</u>	Chairman of the Board	07/28/2016
<u>Eberhart, Ralph E.</u>	Director	09/27/2012
<u>Jr., R. C. Davidson</u>	Director	02/13/2001
<u>Kiser, Georgette D.</u>	Director	05/29/2019
<u>Levinson, Linda Fayne</u>	Director	02/13/1996
<u>Loughran, Barbara</u>	Director	05/29/2019
<u>McNamara, Robert</u>	Director	01/19/2017
<u>Robertson, Peter J.</u>	Director	07/30/2009
<u>Thompson, Chris M.T.</u>	Director	11/15/2012

Officers

Name	Position	Appointed
<u>Adkisson, Jason</u>	Assistant Secretary	11/19/2020
<u>Allen, William "Billy" B.</u>	Senior Vice President and Chief Accounting Officer	10/13/2016
<u>Andrews, Madhuri</u>	Chief Information Officer	11/11/2019
<u>Arnette, Stephen A.</u>	SVP & GM, ATN Advanced Engineering, Research & Operations	01/18/2018
<u>Bello, Marius (Mark) E.</u>	Senior Vice President, Designated Project Executive	01/16/2020
<u>Berryman, Kevin Christopher</u>	Chief Financial Officer	11/14/2019
<u>Blackwood, Dennis</u>	Manager, California Engineering Operations	01/18/2018
<u>Bloom, Katie</u>	Designated person responsible for practice of Environmental	01/18/2018
<u>Bruning, Michael</u>	Manager, California Engineering Operations	01/18/2018
<u>Bunderson, Michael</u>	Vice President, Tax	05/29/2018
<u>Bussell, Scott</u>	Vice President	01/17/2019
<u>Byers, Timothy</u>	Sr Vice President & GM, Federal & Env Solutions	05/05/2020
<u>Carlin, Michael James</u>	Treasurer and Enterprise Risk	01/17/2019
<u>Caruso, Joanne E.</u>	Chief Administrative Officer	01/18/2018
<u>Cordtz, Kent</u>	Manager, California Engineering Operations	01/18/2018
<u>Crawford, Bruce</u>	Senior Vice President, Strategic Development	11/19/2020
<u>Demetriou, Steven J</u>	President	08/17/2015
<u>Doros, Jonathan</u>	Vice President, Investor Relations	01/17/2019
<u>Walstrom, Jan</u>	Senior Vice President & General Manager, Global Environmental	05/05/2020
<u>Gilmartin, Kenneth</u>	Senior Vice President & General Manager, Advanced Facilities	11/14/2019
<u>Goldfarb, Jeffrey Michael</u>	Senior Vice President, Corporate Development	05/22/2014
<u>Gustafson, Shelette M.</u>	Chief Human Resources Officer	01/17/2019
<u>Hannigan, Marietta C.</u>	Chief Strategy & Communications Officer	11/07/2018
<u>Hansen, Taggart</u>	Sr. Vice President, Deputy General Counsel & Internal Audit	05/05/2020
<u>Hanson, Robert</u>	Manager, California Engineering Operations	06/01/2018
<u>Hendon, Brian Lee</u>	Designated person responsible for practice of Architecture i	01/18/2018
<u>Herlitzka, Scott</u>	Vice President	05/16/2016

Name	Position	Appointed
<u>Hicks, Rich</u>	Manager, Ohio Engineering Operations	05/09/2018
<u>Hickton, Dawne</u>	Chief Operating Officer	01/16/2020
<u>Hill, Patrick</u>	Senior Vice President & General Manager, B&I, Asia Pacific &	01/16/2020
<u>Hsu, Mike</u>	Senior Director Tax	09/04/2019
<u>Johnson, Justin</u>	Assistant Secretary	07/09/2020
<u>Jones, Keith B.</u>	Manager, Ohio Land Surveying Operations	05/09/2018
<u>Krishnan, Kosalram</u>	Manager, California Engineering Operations	01/18/2018
<u>Laity, Michael</u>	Senior Director Tax	02/21/2020
<u>Lamb, Matt</u>	Vice President, Florida Engineering Operations	09/24/2018
<u>Lopez-Dubois, Miguel</u>	Manager, California Engineering Operations	01/18/2018
<u>Maloney, Kevin</u>	Manager, California Engineering Operations	01/18/2018
<u>Meinhart, Thomas</u>	Vice President - Authorized Signer	11/14/2019
<u>Miller, Shannon</u>	SVP, Enterprise Risk Management & HR Talent Management	11/19/2020
<u>Montellano, Victorino</u>	Manager, California Engineering Operations	01/18/2018
<u>Morris, Gary</u>	Vice President	11/14/2019
<u>Morrison, Hugh Donald</u>	Senior Vice President & General Manager, B&I Europe	01/18/2018
<u>Nein, Brett</u>	Vice President, Florida Landscape Architecture Operations	06/01/2018
<u>Nuss, Gary S.</u>	Senior Vice President, Growth & Sales, B&I Americas	05/02/2019
<u>O'Connor, Kelly</u>	Senior Vice President, Strategy & Project Delivery, BIAF	05/02/2019
<u>Owens, John G.</u>	Designated Person Responsible Electrical Engineering in AK	02/27/2020
<u>Parent, Mark J.</u>	Designated Person Responsible Electrical Engineering in AK	02/27/2020
<u>Power, Leon</u>	Senior Vice President, Finance BIAF	01/18/2018
<u>Pragada, Robert V.</u>	Chief Operating Officer	11/14/2019
<u>Refinski, Elizabeth A.</u>	Assistant Secretary	03/26/2009
<u>Richmond, Jennifer</u>	Senior Vice President & General Manager, ATN Mission Solutio	05/05/2020
<u>Rosenfeld, Benjamin</u>	Manager, California Engineering Operations	01/18/2018
<u>Scarlat, Cristian</u>	Manager, California Engineering Operations	01/18/2018
<u>Scher, Brian</u>	Assistant Secretary	03/29/2009

Name	Position	Appointed
<u>Sever, Jeffrey David</u>	Designated person responsible for practice of Mechanical Eng	06/28/2018
<u>Shelton, Brian R.</u>	Senior Vice President, Finance ATN	01/17/2019
<u>Strauss, Scott</u>	Vice President-Authorized Signer	04/01/2019
<u>Tyler, Michael R.</u>	Chief Compliance Officer	01/17/2019
<u>Uchil, Vinay</u>	Vice President, Florida Engineering Operations	09/24/2018
<u>Vadlamudi, Koti</u>	Senior Vice President & GM, Advanced Facilities, PPS	11/14/2019
<u>Wallace, Roanld</u>	Senior Vice President, Operations Support	09/02/2020
<u>Walter, Eric</u>	Senior Vice President Finance and Strategy	03/13/2017
<u>Warnock, William Kirkpatrick</u>	Manager, California Engineering Operations	01/18/2018
<u>Watson, Katus</u>	Vice President, Florida Engineering Operations	09/24/2018
<u>White, Clive Thomas</u>	Senior Vice President, CMS International	05/05/2020
<u>Wiemelt, Karen</u>	Senior Vice President & General Manager, North America Nucle	01/18/2018
<u>Williams, Ronald R.</u>	Senior Vice President, PPS, Americas (West)	11/14/2019
<u>Willis, Aaron</u>	Manager, California Land Surveying Operations	01/18/2018
<u>Wishart-Smith, Heather</u>	SVP, Innovation & Jacobs Connected Enterprise, BIAF	05/02/2019
<u>Wood, Mark</u>	Manager, California Engineering Operations	01/18/2018
<u>Yox, Jeff</u>	Manager, California Engineering Operations	06/01/2018



1263 South Stewart Street
Carson City, NV 89712
Phone: (775) 888-7440
Fax: (775) 888-7201

MEMORANDUM

January 29, 2021

TO: Department of Transportation Board of Directors

FROM: Kristina Swallow, P.E., Director

SUBJECT: February 08, 2021 | Transportation Board of Directors Meeting

ITEM#8: Contracts, Agreements, and Settlements—Pursuant to NRS 408.131 the Board may delegate authority to the Director which the Director may exercise pursuant to NRS 408.205. These items and matters have been delegated to the Director by the Board by resolutions in April 1990 and July 2011.— *Informational item only.*

Summary:

The purpose of this item is to inform the Board of the following:

- Construction contracts under \$5,000,000 awarded December 11, 2021 through January 07, 2021.
- Agreements under \$300,000 executed December 11, 2021 through January 07, 2021.
- Settlements entered into by the Department which were presented for approval to the Board of Examiners December 11, 2021 through January 07, 2021.

Any emergency agreements authorized by statute will be presented here as an informational item.

Background:

Pursuant to NRS 408.131(5), the Transportation Board has authority to “[e]xecute or approve all instruments and documents in the name of the State or Department necessary to carry out the provisions of the chapter”. Additionally, the Director may execute all contracts necessary to carry out the provisions of Chapter 408 of NRS with the approval of the board, except those construction contracts that must be executed by the chairman of the board. Other contracts or agreements not related to the construction, reconstruction, improvement and maintenance of highways must be presented to and approved by the Board of Examiners. This item is intended to inform the Board of various matters relating to the Department of Transportation but which do not require any formal action by the Board.

MEMORANDUM

Department of Transportation Board of Directors

January 29, 2021

Page 2 of 2

The Department contracts for services relating to the construction, operation and maintenance of the State's multi-modal transportation system. Contracts listed in this item are all low-bid per statute and executed by the Governor in his capacity as Board Chairman. The projects are part of the STIP document approved by the Board. In addition, the Department negotiates settlements with contractors, property owners, and other parties to resolve disputes. These proposed settlements are presented to the Board of Examiners, with the support and advisement of the Attorney General's Office, for approval. Other matters included in this item would be any emergency agreements entered into by the Department during the reporting period.

There were no construction contracts that were awarded for construction during the reporting period. The attached agreements were executed by the Department from December 11, 2020 through January 07, 2021. There are no settlements during the reporting period.

Analysis:

These contracts have been executed following the Code of Federal Regulations, Nevada Revised Statutes, Nevada Administrative Code, State Administrative Manual, and/or Department policies and procedures.

List of Attachments:

- A. State of Nevada Department of Transportation Executed Agreements – Informational, December 11, 2021 through January 07, 2021.

Recommendation for Board Action:

Informational item only

Prepared by:

Administrative Services Division

Attachment

A

State of Nevada Department of Transportation
Executed Agreements - Informational
December 11, 2020 through January 7, 2021

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
1	56120	00	ANDERSON VALUATION GROUP, LLC	APPRAISAL SERVICES	N	\$5,000.00	-	-	\$5,000.00	-	12/28/2020	02/28/2021	-	Appraisal	Right-of-Way	Darin	Craig	12-28-20: APPRAISE RENTAL PROPERTY TO DETERMINE THE RENTAL RATE FOR OPTION TO RENEW TERMS OF EXPIRED LEASE AGREEMENT R053-90-030, ON PARCEL I-015-CL-000.212 LE1, AND A PORTION OF PARCELS 237-08-399-001, AND 237-08-399-002, CLARK COUNTY. NV B/L#: NVD20041285225
2	56520	00	CITY OF ELY	REIMBURSE PE COSTS	Y	\$665,750.00	-	-	\$665,750.00	-	01/06/2021	01/31/2026	-	Facility	Right-of-Way	Darin	Craig	01-06-21: REIMBURSE CITY FOR PERCENTAGE OF PRELIMINARY ENGINEERING COSTS FOR COMPENSABLE PORTIONS OF UTILITY RELOCATION DESIGN AND PROJECT PLANNING ALONG US-50 (AULTMAN STREET), US-93 (EAST AULTMAN STREET), US-50/93 SHARED ROADBED (GREAT BASIN BOULEVARD), AND VARIOUS STREETS WITHIN THE CITY OF ELY, WHITE PINE COUNTY. NV B/L#: EXEMPT
3	55720	00	LINCOLN COUNTY POWER DISTRICT	LINE EXTENSION AGREEMENT	N	\$6,120.66	-	-	\$6,120.66	-	12/21/2020	12/31/2025	-	Facility	Right-of-Way	Darin	Craig	12-21-20: ESTABLISH NEW ELECTRIC SERVICE AND INSTALL UNDERGROUND CONDUCTOR WITHIN THE CONDUIT FROM EXISTING POLE MOUNTED TRANSFORMER FOR A NEW METER TO BE INSTALLED FOR RWIS (SP#3); ON US-93 BETWEEN MILEPOSTS 96 AND 97, IN CALIENTE, LINCOLN COUNTY. NV B/L#: EXEMPT
4	56220	00	NV ENERGY	LINE EXTENSION AGREEMENT	N	\$3,495.00	-	-	\$3,495.00	-	12/28/2020	12/31/2025	-	Facility	Right-of-Way	Darin	Craig	12-28-20: FOR NEW 200 AMP SERVICE PEDESTAL TO PROVIDE POWER TO NINE NEW LED LUMINARIES AT NINE NEW LOCATIONS, IMPROVING NIGHTTIME VISIBILITY AROUND THE INTERSECTION AT THE NORTHWEST CORNER OF MOUNT ROSE HIGHWAY AND CALLAHAN ROAD, ON STATE ROUTE 431, WASHOE COUNTY. NV B/L#: NVD19831015840
5	56320	00	NV ENERGY	DESIGN INITIATION	N	\$1,000.00	-	-	\$1,000.00	-	12/28/2020	12/31/2025	-	Facility	Right-of-Way	Darin	Craig	12-28-20: DESIGN ONE NEW 400A SERVICE PEDESTAL, TO POWER A NEW PAINT BOOTH AT THE DISTRICT III MAINTENANCE STATION IN ELKO, ELKO COUNTY. NV B/L#: NVD19831015840
6	55420	00	VALLEY ELECTRIC ASSOCIATION, INC.	LINE EXTENSION AGREEMENT	Y	\$7,937.21	-	-	\$7,937.21	-	12/21/2020	12/31/2025	-	Facility	Right-of-Way	Darin	Craig	12-21-20: ESTABLISH NEW ELECTRIC SERVICE, AND INSTALL UNDERGROUND CONDUCTOR WITHIN THE CONDUIT FROM EXISTING POLE MOUNTED TRANSFORMER, FOR A NEW 200-AMP METER PEDESTAL TO BE INSTALLED AT THE MONTGOMERY PASS MAINTENANCE STATION ON US-6, MILEPOST 8.37, MINERAL COUNTY. NV B/L#: NVD19651000140
7	75619	01	VALLEY ELECTRIC ASSOCIATION, INC.	LINE EXTENSION AGREEMENT	N	\$2,928.35	-	\$5,836.25	\$8,764.60	-	11/18/2019	11/30/2024	12/14/2020	Facility	Right-of-Way	Darin	Craig	AMD 1 12-14-20: INCREASE AUTHORITY BY \$5,836.25 FROM \$2,928.35 TO \$8,764.60, DUE TO ADDITIONAL FEET OF WIRE NEEDED FOR PROJECT SP-000M(053). 11-18-19: PROVISION OF ELECTRICITY FOR PEDESTRIAN SAFETY IMPROVEMENTS ON THE EASTERN OR NORTHERN BOUNDARY OF SR-160 AT MPNY9.2, NYE COUNTY. NV B/L#: NVD19651000140
8	52120	00	ACHA CONSTRUCTION, LLC	RESHAPE SHOULDERS ON STATE ROUTE 140	N	\$273,358.25	-	-	\$273,358.25	-	11/23/2020	12/31/2021	-	Service Provider	Maintenance and Asset Management	Darin	Anita	11-23-20: RESHAPE SHOULDERS ON STATE ROUTE 140, MILEPOST HU 69.00 TO MILEPOST HU 74.00, HUMBOLDT COUNTY. NV B/L#: NVD20091375725-Q PROPOSERS: ACHA CONSTRUCTION, LLC., AND ROAD AND HIGHWAY BUILDERS, LLC
9	50820	00	AGGREGATE INDUSTRIES - SWR INC.	REPAIR PAVEMENT AND LANDSCAPING	N	\$120,000.00	-	-	\$120,000.00	-	12/21/2020	06/30/2021	-	Service Provider	District I	Jeff	Mario	12-21-20: REPAIR ROADWAY PAVEMENT AND LANDSCAPING DUE TO VEHICLE ACCIDENT ON THE I-15 SOUTHBOUND OFF-RAMP TO STATE ROUTE 160 BLUE DIAMOND WESTBOUND, CLARK COUNTY. NV B/L#: NVD19701000737-Q PROPOSERS: AGGREGATEINDUSTRIES - SWR INC., LAS VEGAS PAVING, GALT DEVELOPMENT
10	59118	01	BRIGHT CLEANING SERVICE, LLC	JANITORIAL SERVICES	N	\$119,810.00	-	\$12,895.00	\$132,705.00	-	11/29/2018	06/30/2021	12/28/2020	Service Provider	District I	Jeff	Mario	AMD 1 12-28-20: INCREASE AUTHORITY BY \$12,895.00 FROM \$119,810.00 TO \$132,705.00 DUE TO AN ADDITIONAL THREE (3) MONTHS OF JANITORIAL SERVICES TO BE PROVIDED BECAUSE OF SOCIAL DISTANCING PRECAUTIONS DUE TO COVID-19. 11-29-18: JANITORIAL SERVICES AT THE SOUTHERN MAINTENANCE STATION AND WAGON WHEEL OFFICE, CLARK COUNTY. NV B/L#: NVD20161746014-Q
11	38418	02	CA GROUP, INC.	FEASIBILITY STUDY I-15	N	\$1,397,780.00	\$278,944.00	\$296,518.00	\$1,973,242.00	-	02/11/2019	12/31/2021	12/15/2020	Service Provider	Project Management	Darin	Nick	AMD 2 12-15-20: EXTEND TERMINATION DATE FROM 06-30-21 TO 12-31-21 FOR THE CONTINUATION OF SERVICES AND INCREASE AUTHORITY BY \$296,518.00 FROM \$1,676,724.00 TO \$1,973,242.00 DUE TO ADDITIONAL ANALYSIS NEEDED TO CONSIDER THE CITY OF LAS VEGAS' PROJECT TO EXTEND MARTIN LUTHER KING BOULEVARD IN THE I-15 CENTRAL CORRIDOR FEASIBILITY STUDY. AMD 1 09-25-20: EXTEND THE TERMINATION DATE FROM 12-31-20 TO 06-30-21 TO ACCOMMODATE THE PROJECT SCHEDULE AND INCREASE AUTHORITY BY \$278,944.00 FROM \$1,397,780.00 TO \$1,676,724.00 DUE TO LENGTHENING THE AREA OF ANALYSIS. 02-11-19: INTERSTATE 15 (I-15) FEASIBILITY STUDY SAHARA AVENUE TO THE FLAMINGO ROAD INTERCHANGE, CLARK COUNTY. NV B/L#: NVD20081407877-R
12	34720	00	FAITH VISION INC., DBA ONE SOURCE MAINTENANCE	JANITORIAL SERVICES	N	\$159,000.00	-	-	\$159,000.00	-	01/06/2021	06/30/2023	-	Service Provider	District I	Jeff	Mario	01-06-21: PROVIDE JANITORIAL SERVICES FOR THE SOUTHERN NEVADA VISITORS CENTER AND BRAKE CHECK AREA, CLARK COUNTY. NV B/L#: NVD20091465624-Q PROPOSERS: FAITH VISION, INC., DBA ONE SOURCE MAINTENANCE
13	50120	00	GRANITE CONSTRUCTION	CONSTRUCTION OF NEW SIDEWALK	N	\$48,750.00	-	-	\$48,750.00	-	12/23/2020	05/31/2021	-	Service Provider	District III	Jeff	Boyd	12-23-20: CONSTRUCT NEW SIDEWALK FOR AMERICAN WITH DISABILITIES ACT IMPROVEMENTS AT DISTRICT III HEADQUARTERS OFFICE, ELKO COUNTY. NV B/L#: NVF19631001612-Q PROPOSERS: GRANITE CONSTRUCTION, ACHA CONSTRUCTION, LLC., AND MKD CONSTRUCTION, INC.
14	38420	00	HIGH DESERT DRILLING, LLC	MAINTENANCE STATION WELL REPAIR	N	\$21,822.50	-	-	\$21,822.50	-	12/21/2020	06/30/2021	-	Service Provider	Architecture	Darin	Anita	12-21-20: REDEVELOP THE EXISTING WELL AND INSTALL A LARGER PUMP AND MOTOR AT THE QUINN RIVER MAINTENANCE STATION, STATE ROUTE 140, MILEPOST HU 51.80, HUMBOLDT COUNTY. NV B/L#: NVD20051673403-Q PROPOSERS: HIGH DESERT DRILLING, LLC
15	51520	00	LAS VEGAS PAVING CORPORATION	PLACE CONCRETE OVERLAY	N	\$189,000.00	-	-	\$189,000.00	-	12/30/2020	06/30/2021	-	Service Provider	District I	Jeff	Mario	12-30-20: PLACE THIN-BONDED POLYESTER POLYMER CONCRETE OVERLAY AT BRIDGE STRUCTURE I-2140, ON US-95 SOUTHBOUND TO INTERSTATE 15 NORTHBOUND E-N RAMP, AT MILEPOST 75.76, CLARK COUNTY. NV B/L#: NVD19581000650-Q PROPOSERS: LAS VEGAS PAVING CORPORATION

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
16	52520	00	LAS VEGAS PAVING CORPORATION	MILL AND FILL EXISTING PAVEMENT	N	\$185,000.00	-	-	\$185,000.00	-	12/24/2020	06/30/2021	-	Service Provider	District I	Jeff	Mario	12-24-20: FOUR (4) INCH MILL AND FILL OF EXISTING PAVEMENT ON US-95 SOUTHBOUND, BETWEEN WASHINGTON AVENUE AND VEGAS DRIVE, MILEPOST CL-81.08 TO MILEPOST CL-81.55, CLARK COUNTY. NV B/L#: NVD19581000650-Q PROPOSERS: LAS VEGAS PAVING CORPORATION, AGGREGATE INDUSTRIES, AND GALT DEVELOPMENT
17	05620	00	M.D. TREE SURGERY	TREE TRIMMING & PRUNING	N	\$243,500.00	-	-	\$243,500.00	-	12/23/2020	12/31/2022	-	Service Provider	District II	Jeff	Mike	12-23-20: TREE TRIMMING, PRUNING, AND REMOVAL SERVICES IN CARSON CITY, CHURCHILL, DOUGLAS, LYON, MINERAL, PERSHING, STOREY AND WASHOE COUNTIES. NV B/L#: NVD20181001666-Q PROPOSERS: M.D. TREE SURGERY, NOAH'S PARK TREE CARE, JOE BENIGNO TREE SERVICE, INC., AND GREEN TREE ENVIRONMENTAL SERVICES, LLC.
18	50420 50520 50620 50720	00	NICHOLS CONSULTING ENGINEERS LOGAN SIMPSON DESIGN, INC. PALEOWEST, LLC KAUTZ ENVIRONMENTAL CONSULTANTS, INC.	ON-CALL ARCHAEOLOGICAL SERVICES	N	\$250,000.00	-	-	\$250,000.00	-	12/14/2020	10/31/2023	-	Service Provider	Environmental	Darin	My-Linh	12-14-20: ON-CALL ARCHAEOLOGICAL SERVICES FOR THE CULTURAL RESOURCES SECTION. THE SCOPE WILL RANGE FROM BACKGROUND RESEARCH, SURVEY, SITE RECORDATION AND REPORT WRITING, TO TREATMENT PLAN PREPARATION, MITIGATION, AND MONITORING, AS DETAILED IN THE 2014 NEVADA TRANSPORTATION PROGRAMMATIC AGREEMENT AND THE NEVADA DEPARTMENT OF TRANSPORTATION CULTURAL RESOURCES HANDBOOK, STATEWIDE. NVD19891040686, NVF20101023481, NVF20201860987, NVD19941033589-R PROPOSERS: NICHOLS CONSULTING ENGINEERS, LOGAN SIMPSON DESIGN, INC., PALEOWEST, LLC, KAUTZ ENVIRONMENTAL CONSULTANTS, INC., ASM AFFILIATES, NCE NICHOLS CONSULTING ENGINEERS, SWCA ENVIRONMENTAL CONSULTANTS
19	38120	00	NORTH RIDGE CONSULTING	AMERICANS WITH DISABILITY ACT COMPLIANCE MONITORING SERVICES	N	\$150,000.00	-	-	\$150,000.00	-	12/28/2020	06/30/2021	-	Service Provider	Contract Compliance	Jeff	Sonnie	12-28-20: AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE MONITORING SERVICES TO ENSURE THE ADA REGULATIONS AND DEPARTMENT REQUIREMENTS ARE BEING MET, AND PROVIDE SUPPORT AND TRAINING TO CONSTRUCTION CREW INSPECTORS ON ADA REGULATIONS AND USE OF THE DEPARTMENT'S GIS COLLECTOR APPLICATION, STATEWIDE. NV B/L#: NVF20201925458-R PROPOSERS: NORTH RIDGE CONSULTING, KIMLEY-HORN & ASSOCIATES, INC., TIMMONS GROUP.
20	52020	00	THE TIBERTI FENCE COMPANY	CONVERT ROLL GATE	N	\$17,960.00	-	-	\$17,960.00	-	12/29/2020	12/31/2020	-	Service Provider	District I	Jeff	Mario	12-29-20: SUPPLY AND CONVERT THE EXISTING 25 X 10 FOOT SGL ROLL GATE TO A CANTILEVER GATE, WITH OPERATOR, ALONG WITH CUTTING AND PLACING THE LOOPS, CLARK COUNTY. NV B/L#: NVD20161005304-Q PROPOSERS: TIBERTI FENCE COMPANY
21	43820	00	WOW CLEANING CORPORATION	JANITORIAL SERVICES	N	\$82,866.88	-	-	\$82,866.88	-	01/05/2021	06/30/2023	-	Service Provider	District II	Jeff	Mike	01-05-21: JANITORIAL SERVICES AT THE FORMER DEPARTMENT OF MOTOR VEHICLES BUILDING, 305 GALLETTI WAY, WASHOE COUNTY. NV B/L#: NVD20141289535-Q PROPOSERS: WOW CLEANING CORPORATION, ANNIE'S JANITORIAL, AND MCNEIL'S CLEANING SERVICE, INC.

NO COST AGREEMENTS AND/OR AMENDMENTS

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
22	21120	01	CARSON AREA METROPOLITAN	FUNDING TO ASSIST CARSON AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO)	Y	\$40,000.00	-	-	\$40,000.00	-	06/15/2020	06/30/2021	12/28/2020	Cooperative	Planning	Sondra	Mark	AMD 1 12-28-20: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-31-20 TO 06-30-21 DUE TO A CHANGE IN STUDY SCHEDULE. 06-15-20: PROVIDE FUNDING TO ASSIST CARSON AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO) WITH DEVELOPING THE TRAVEL DEMAND MODEL AND 2050 REGIONAL TRANSPORTATION PLAN (RTP), CARSON CITY, DOUGLAS, AND LYON COUNTIES. NV B/L#: EXEMPT
23	53320	00	LANDER COUNTY	ROLES AND RESPONSIBILITIES	N	-	-	-	-	-	12/15/2020	12/31/2022	-	Cooperative	Design	Darin	Scott	12-15-20: NO COST AGREEMENT TO DEFINE THE ROLES AND RESPONSIBILITIES FOR THE DESIGN, CONSTRUCTION AND MAINTENANCE OF THE ADA PROJECT AT THE INTERSECTION OF STATE ROUTE 305 AND BROYLES RANCH ROAD. IMPROVEMENTS WILL CONSIST OF PEDESTRIAN RAMPS, DETECTABLE WARNINGS, RECTANGULAR RAPID FLASHING BEACON SYSTEM, LIGHTING, AND UTILITY SERVICES. THE COUNTY WILL ASSUME MAINTENANCE AND OPERATIONS AT CONSTRUCTION COMPLETION, LANDER COUNTY. NV B/L#: EXEMPT
24	97819	02	LANDER COUNTY	REPLACEMENT OF UTILITIES	N	\$706,420.00	\$536,435.90	-	-	\$1,242,855.90	12/24/2019	12/31/2024	12/17/2020	Facility	Right-of-Way	Darin	Craig	AMD 2 12-17-20: NO COST AMENDMENT TO TRANSFER RESPONSIBILITY TO LANDER COUNTY FOR OWNERSHIP AND RESPONSIBILITY OF WATER AND SEWER WITHIN THE TOWN OF AUSTIN, AND TO ADD EXHIBIT D TO THE AGREEMENT. AMD 1 07-21-20: INCREASE AUTHORITY BY \$536,435.90 FROM \$706,420.00 TO \$1,242,855.90 TO UPDATE BID ITEMS, ITEM QUANTITIES, AND BID ITEM PRICING TO REFLECT THE ACTUAL BID PRICE IN AWARD OF CONTRACT 3817. 12-24-19: REPLACEMENT OF UTILITY FACILITIES FOR SEWER SYSTEM IMPROVEMENTS ON US 50 IN AUSTIN, LANDER COUNTY. NV B/L#: EXEMPT
25	97919	02	LANDER COUNTY	REPLACEMENT OF UTILITIES	N	\$962,890.00	\$339,972.50	\$271,321.98	-	\$1,574,184.48	12/20/2019	12/31/2024	12/17/2020	Facility	Right-of-Way	Darin	Craig	AMD 2 12-17-20: NO COST AMENDMENT TO INCREASE RECEIVABLE AMOUNT BY \$271,321.98 FROM \$1,302,862.50 TO \$1,574,184.48 FOR ADDITIONAL WORK IDENTIFIED AND REQUESTED BY LANDER COUNTY ENGINEER, ADD EXHIBIT B - REVISION 2, EXHIBITS D AND E, AND TRANSFER RESPONSIBILITY TO LANDER COUNTY, WHICH TOOK OVER OWNERSHIP AND RESPONSIBILITY OF WATER AND SEWER WITHIN THE TOWN OF AUSTIN. AMD 1 07-17-20: INCREASE AUTHORITY BY \$339,972.50 FROM \$962,890.00 TO \$1,302,862.50 TO UPDATE AGREEMENT COSTS, AS WELL AS THE COST ESTIMATE EXHIBIT TO REFLECT THE ACTUAL BID PRICE. ALSO ADDED STANDARD LANGUAGE RELATED TO ADDING ELEVEN PERCENT (11%) CONSTRUCTION ENGINEERING COSTS, LANDER COUNTY. 12-20-19: REPLACEMENT OF UTILITY FACILITIES FOR BETTERMENT OF THE CITY WATER
26	55020	00	COX COMMUNICATIONS LAS VEGAS	OCCUPANCY PERMIT	N	-	-	-	-	-	12/14/2020	12/31/2045	-	Facility	Right-of-Way	Darin	Craig	12-14-20: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 212834 ON STATE ROUTE 160 AT MILEPOST 5.82, CLARK COUNTY. NV B/L#: EXEMPT
27	55120	00	COX COMMUNICATIONS LAS VEGAS	OCCUPANCY PERMIT	N	-	-	-	-	-	12/14/2020	12/31/2045	-	Facility	Right-of-Way	Darin	Craig	12-14-20: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 212839, LINKED TO ORIGINAL PERMIT NUMBER 211811; ON STATE ROUTE 578 FROM MILEPOST 0.21 TO MILEPOST 0.44, CLARK COUNTY. NV B/L#: EXEMPT
28	55520	00	COX COMMUNICATIONS LAS VEGAS	OCCUPANCY PERMIT	N	-	-	-	-	-	12/18/2020	12/31/2045	-	Facility	Right-of-Way	Darin	Craig	12-18-20: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 212868, ON STATE ROUTE 592 FROM MILEPOST 23.83 TO MILEPOST 23.90, CLARK COUNTY. NV B/L#: NVF19981315619
29	55320	00	INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT	MANHOLE/VALVE COVERS	N	\$82,900.00	-	-	-	\$82,900.00	12/18/2020	12/31/2025	-	Facility	Right-of-Way	Darin	Craig	12-18-20: NO COST AGREEMENT TO ADJUST MANHOLE/VALVE COVERS AND VAULT FACILITIES CURRENTLY IN CONFLICT WITH THE DEPARTMENT'S THREE (3) R PROJECT, ON STATE ROUTE 28, ONE (1) MILE NORTH OF SAND HARBOR TO THE NEVADA/CALIFORNIA STATE LINE, WASHOE COUNTY. NV B/L#: EXEMPT
30	55620	00	MCIMETRO ACCESS TRANSMISSION	OCCUPANCY PERMIT	N	-	-	-	-	-	12/18/2020	12/31/2045	-	Facility	Right-of-Way	Darin	Craig	12-18-20: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 212675, ON US-95 FROM MILEPOST 89.15 TO MILEPOST 90.02, CLARK COUNTY. NV B/L#: NVF19981025314
31	56420	00	NV ENERGY	DESIGN APPROVAL	N	-	-	-	-	-	12/28/2020	12/31/2025	-	Facility	Right-of-Way	Darin	Craig	12-28-20: NO COST AGREEMENT TO REVIEW AND APPROVE THE DESIGN OF A NEW SERVICE PEDESTAL LOCATION, TO BE USED FOR NEW LIGHTING ON I-80, AT THE TREATY HILL ROAD INTERCHANGE, APPROXIMATE MILEPOST HU 48.4, HUMBOLDT COUNTY. NV B/L#: NVD19831015840
32	56020	00	PAIUTE PIPELINE COMPANY	MANHOLE/VALVE COVERS	N	-	-	-	-	-	12/23/2020	12/31/2025	-	Facility	Right-of-Way	Darin	Craig	12-23-20: NO COST AGREEMENT FOR ADJUSTMENT OF GAS MANHOLE/VALVE COVERS, AND VAULT FACILITIES CURRENTLY IN CONFLICT WITH NDOT'S THREE (3) R PROJECT ON STATE ROUTE 431, FROM STATE ROUTE 28 TO 0.062 MILES EAST OF THE MOUNT ROSE SUMMIT, WASHOE COUNTY. NV B/L#: NVD19871018558
33	55920	00	SOUTHWEST GAS CORP	MANHOLE/VALVE COVERS	N	-	-	-	-	-	12/23/2020	12/31/2025	-	Facility	Right-of-Way	Darin	Craig	12-23-20: NO COST AGREEMENT TO ADJUST MANHOLE/VALVE COVERS AND VAULT FACILITIES, CURRENTLY IN CONFLICT WITH NDOT'S THREE (3) R PROJECT ON STATE ROUTE 431; FROM STATE ROUTE 28 TO 0.062 MILES EAST OF THE MOUNT ROSE SUMMIT, WASHOE COUNTY. NV B/L#: NVF19571000091
34	55220	00	ZAYO GROUP	OCCUPANCY PERMIT	N	-	-	-	-	-	12/15/2020	12/31/2045	-	Facility	Right-of-Way	Darin	Craig	12-15-20: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 212428, ON STATE ROUTE 648 AT MILEPOST 0.78, WASHOE COUNTY. NV B/L#: EXEMPT
35	50116	02	UNIVERSITY OF NEVADA, LAS VEGAS	HOSTING SERVICES FOR UTILITY DATA INFORMATION	N	\$130,014.00	-	-	\$130,014.00	-	09/27/2016	06/30/2021	12/18/2020	Interlocal	Locations	Darin	Shawn	AMD 2 12-18-20: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-31-20 TO 06-30-21 DUE TO DELAYS RELATED TO THE COVID-19 PANDEMIC AND TO ALLOW FOR COMPLETION OF THE PROJECT. AMD 1 08-25-20: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 09-30-20 TO 12-31-20 TO ALLOW FOR COMPLETION OF THE PROJECT. 09-27-16: TO HOST SERVICES AT UNLV FOR UTILITY DATA INFORMATION AND RELATED APPLICATIONS AND DATABASES, CLARK COUNTY. NV B/L#: EXEMPT
36	74318	01	UNIVERSITY OF NEVADA, LAS VEGAS	HEALTH MONITORING SYSTEM	Y	\$299,782.00	-	-	\$299,782.00	-	02/13/2019	03/31/2022	12/28/2020	Interlocal	Research	Sondra	Bob	AMD 1 12-28-20: NO COST AMENDMENT TO EXTEND THE TERMINATION DATE FROM 03-31-21 TO 03-31-22 DUE TO COVID-19 PANDEMIC RESPONSE RENDERING INABILITY TO TRAVEL TO PROJECT LOCATION. 02-13-19: THE PURPOSE OF THIS AGREEMENT IS TO DEVELOP AND IMPLEMENT A PERMANENT STRUCTURAL HEALTH MONITORING SYSTEM ON I-580 AT THE GALENA CREEK BRIDGE, WASHOE COUNTY. NV B/L#: EXEMPT

NO COST AGREEMENTS AND/OR AMENDMENTS

Line No.	Agreement No.	Amend No.	Contractor	Purpose	Fed	Original Agreement Amount	Total of Prior Amendments	Amendment Amount	Payable Amount	Receivable Amount	Start Date	End Date	Amend Date	Agree Type	Division	Director's Office	Division Head	Notes
37	29920	01	BOULDER CITY CHAMBER OF COMMERCE	MULTI-USE LEASE	N	\$97,200.00	-	(\$540.00)	-	\$96,660.00	08/31/2020	08/31/2025	12/18/2020	Lease	Right-of-Way	Darin	Craig	AMD 1 12-18-20: NO COST AMENDMENT TO DECREASE RECEIVABLE AMOUNT BY \$540.00, FROM \$97,200.00 TO \$96,660.00, DUE TO OVER-PAYMENT FROM PREVIOUS AGREEMENT. 08-31-20 MULTI-USE LEASE BETWEEN BOULDER CITY CHAMBER OF COMMERCE FOUNDATION, INC., AND THE NEVADA DEPARTMENT OF TRANSPORTATION ON PARCELS 186-04-699-006 AND 186-04-299-006, (PARCEL U-093-CL-005.864LE1), CLARK COUNTY. NV B/L#: NVD20161264494
38	55820	00	GABRIEL GOMES SAIA JR.	MULTI-USE LEASE	N	\$556,260.00	-	-	-	\$556,260.00	12/28/2020	11/30/2025	-	Lease	Right-of-Way	Darin	Craig	12-28-20: NO COST AGREEMENT FOR MULTI-USE AIRSPACE/SUBSURFACE LEASE ON PARCELS 162-08-899-038, 162-08-899-036, AND A PORTION OF PARCEL 162-08-899-034, CLARK COUNTY. NV B/L#: EXEMPT
39	16016	01	JOHN R NOEL REVOCABLE TRUST	LEASE AGREEMENT	N	\$1,665.00	-	\$760.00	-	\$2,425.00	04/13/2016	12/31/2026	12/15/2020	Lease	Right-of-Way	Darin	Craig	AMD 1 12-15-20: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-31-20 TO 12-31-26, AND INCREASE RECEIVABLE AUTHORITY BY \$760.00 FROM \$1,665.00 TO \$2,425.00, AND AMEND SECTIONS TWO (2), SEVEN (7), AND EIGHT (8) OF INITIAL MULTI-USE LEASE, TO RENEW THE LEASE FOR THE SECOND FIVE (5) YEAR TERM OPTION. 04-13-16: MULTI USE LEASE FOR PARCEL F-592-CL-006.875, CLARK COUNTY. NV B/L#: NVD20101485451
40	54720	00	RON DUDLEY	EMPLOYEE LEASE	N	\$2,900.00	-	-	-	\$2,900.00	12/22/2020	12/13/2024	-	Lease	District III	Jeff	Boyd	12-22-20: NO COST AGREEMENT FOR EMPLOYEE LEASE OF RUBY VALLEY HOUSE #311, HUMBOLDT COUNTY. NV B/L#: EXEMPT
41	54620	00	WILLIAM LOETSCHER	EMPLOYEE LEASE	N	\$3,960.00	-	-	-	\$3,960.00	12/29/2020	12/13/2024	-	Lease	District III	Jeff	Boyd	12-29-20: NO COST AGREEMENT FOR EMPLOYEE LEASE OF HOUSE #5, AT THE OROVADA MAINTENANCE STATION, HUMBOLDT COUNTY. NV B/L#: EXEMPT
42	65218	01	NV ENERGY	SHARING OF FIBER OPTICS	N	-	-	-	-	-	11/02/2018	12/31/2040	12/28/2020	License	Traffic Operations	Darin	Seth	AMD 1 12-28-20: NO COST AMENDMENT TO UPDATE INFORMATION TO ALLOW FOR THE CONTINUED SHARING OF FIBER OPTIC CAPACITY BETWEEN THE COMPANY AND THE DEPARTMENT. 11-02-18: THIS AGREEMENT WILL ALLOW THE DEPARTMENT AND NV ENERGY TO SHARE EACH OTHER'S TELECOMMUNICATIONS FACILITIES AND CONDUIT INFRASTRUCTURE WHERE REASONABLY POSSIBLE AND AGREEABLE, STATEWIDE. NV B/L#: NVD19831015840
43	47119	02	BENEFICIAL DESIGNS, INC.	AMERICANS WITH DISABILITIES ACT FEATURE DATA COLLECTION	N	\$150,000.00	\$145,000.00	-	\$295,000.00	-	12/13/2019	06/30/2021	12/23/2020	Service Provider	Contract Compliance	Jeff	Sonnie	AMD 2 12-23-20: NO COST AMENDMENT EXTEND TERMINATION DATE FROM 12-31-20 TO 06-30-21 DUE TO DELAYS COMPLETING THE DATA COLLECTION IN ALL THREE DISTRICTS CAUSED BY THE COVID-19 PANDEMIC. AMD 1 06-26-20: EXTEND TERMINATION DATE FROM 06-30-20 TO 12-31-20 AND INCREASE AUTHORITY BY \$145,000.00 FROM \$150,000.00 TO \$295,000.00 DUE TO ADDITIONAL TIME REQUIRED TO COMPLETE THE DATA COLLECTION IN ALL THREE (3) DISTRICTS AND TO TRANSMIT THAT DATA TO NDOT VIA AN ARCGIS COLLECTOR APPLICATION. 12-13-19: COLLECTION OF ADA FEATURE DATA AND TRANSMISSION OF THAT DATA TO THE DEPARTMENT VIA ARCGIS COLLECTOR APPLICATION, STATEWIDE. NV B/L#: NVD20001468715
44	38718	01	DIVERSIFIED CONSULTING SERVICES	FULL ADMINISTRATION OF CONTRACT 3763	Y	\$2,657,770.00	-	-	\$2,657,770.00	-	02/27/2019	03/31/2021	12/18/2020	Service Provider	Construction	Darin	Sharon	AMD 1 12-18-20: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-31-20 TO 03-31-21 TO ALLOW TIME FOR THE CLOSEOUT OF CONTRACT 3763. 02-27-19: FULL ADMINISTRATION OF CONTRACT 3763, 3R PROJECT ON I-580 FROM FAIRVIEW INTERCHANGE TO .66 MILES SOUTH OF THE WASHOE COUNTY LINE, CARSON CITY. NV B/L#: NVD19901019853-R
45	04320	01	DOCUSIGN, INC.	TRAINING AND SUPPORT	N	\$41,650.00	-	-	\$41,650.00	-	02/12/2020	04/30/2021	12/15/2020	Service Provider	Administrative Services	Felicia	Maya	AMD 1 12-15-20: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-15-20 TO 04-30-21 TO ALLOW FOR CONTINUATION OF SERVICES. ADDITIONAL TIME AND FUNDING ARE NOT ANTICIPATED. 02-12-20: TRAINING ON DOCUSIGN'S GUIDED FORMS TO PROVIDE TECHNOLOGIES THAT ENABLE THE USER TO DELIVER A GUIDED, DIGITAL, AND MOBILE-FRIENDLY PLATFORM THAT RESULTS IN A FASTER, MORE EFFICIENT EXPERIENCE FOR ALL USERS TO PROCESS AND COMPLETE FORMS. NV B/L#: NVF20201770545-S
46	61917	02	HIGH STREET CONSULTING GROUP	DECISION LENS SOLUTION MODEL IMPLEMENTATION	N	\$210,000.00	-	-	\$210,000.00	-	04/11/2018	10/31/2022	12/14/2020	Service Provider	Planning	Sondra	Mark	AMD 2 12-14-20: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-31-20 TO 10-31-22 TO ALIGN WITH ONE NEVADA TRANSPORTATION PLAN SCHEDULE AND AMEND SCOPE OF SERVICES TO BETTER ALIGN WITH ONE NEVADA TRANSPORTATION PLAN EFFORTS TO EFFECTIVELY PRIORITIZE THE DEPARTMENT'S ASSET INVESTMENTS. AMD 1 01-08-20: AMEND SCOPE OF SERVICES TO BETTER ALIGN WITH ONE NEVADA TRANSPORTATION PLAN EFFORTS TO EFFECTIVELY PRIORITIZE THE DEPARTMENT'S ASSET INVESTMENTS. 04-11-18: CONSULTANT SERVICES FOR PHASE 2 OF THE DECISION LENS SOLUTION MODEL IMPLEMENTATION FOR THE FIVE-YEAR CAPITAL PLAN PROJECT, STATEWIDE. NV B/L#: NVF20181152105-S
47	53420	01	INSTRON, A DIVISION OF ILLINOIS TOOL WORKS	MATERIALS DIVISION SOFTWARE UPGRADE	N	\$42,274.00	-	-	\$42,274.00	-	12/07/2020	06/30/2021	12/14/2020	Service Provider	Information Technology	Felicia	Dave	AMD 1 12-14-20: NO COST AMENDMENT TO EXTEND THE TERMINATION DATE FROM 06-30-20 TO 06-30-21 DUE TO A TYPOGRAPHICAL ERROR IN THE MASTER AGREEMENT. 12-07-20: SOFTWARE UPGRADES FOR THE DEPARTMENT MATERIALS DIVISION TESTING LABS FOR COMPATIBILITY WITH WINDOWS 10 OPERATING SYSTEM AND AASHTOWARE SOFTWARE, CARSON CITY AND CLARK COUNTIES. NV B/L#: NVF20031279724-Q
48	05320	01	LEICA GEOSYSTEMS, INC.	AERIAL CAMERA SYSTEM TRAINING	N	\$23,200.00	-	-	\$23,200.00	-	02/21/2020	12/30/2021	01/06/2021	Service Provider	Training	Cole	Allison	AMD 1 01-06-21: NO COST AMENDMENT TO EXTEND THE TERMINATION DATE FROM 12-30-20 TO 12-30-21 DUE TO DELAYS CAUSED BY THE COVID-19 PANDEMIC NO CONTACT RESTRICTIONS NOT ALLOWING IN-PERSON TRAINING. 02-21-20: TRAINING DEPARTMENT IMAGERY SECTION EMPLOYEES ON THE DIGITAL MAPPING CAMERA IIE SYSTEM AND THE PROCESSING OF DATA COLLECTION FOR THE NEW DEPARTMENT AIRPLANE, CARSON CITY AND WASHOE COUNTY. NV B/L#: EXEMPT

NO COST AGREEMENTS AND/OR AMENDMENTS

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49	01215	05	WESTWOOD PROFESSIONAL SERVICES, INC.	EXPERT WITNESS SERVICES	Y	\$250,000.00	\$225,000.00	-	\$475,000.00	-	12/16/2014	12/31/2022	12/21/2020	Service Provider	Right-of-Way	Darin	Craig	<p>AMD 5 12-21-20: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-31-20 TO 12-31-22 FOR THE CONTINUATION OF SERVICES AND AMEND THE SERVICE PROVIDER'S NAME.</p> <p>AMD 4 08-14-19: AMENDMENT TO INCREASE AUTHORITY BY \$25,000.00 FROM \$450,000.00 TO \$475,000.00 FOR ADDITIONAL NEEDED CIVIL ENGINEERING AND EXPERT WITNESS SERVICES.</p> <p>AMD 3 10-12-18: CHANGE SECOND PARTY NAME FROM SLATER HANIFAN GROUP, INC., TO WESTWOOD PROFESSIONAL SERVICES, INC. DBA SLATER HANIFAN GROUP DUE TO SALE OF ASSETS, AND EXTEND TERMINATION DATE FROM 12-31-18 TO 12-31-20 FOR CONTINUATION OF SERVICES.</p> <p>AMD 2 12-21-17: TO EXTEND TERMINATION DATE FROM 12-31-17 TO 12-31-18 FOR EXPERT WITNESS SERVICES.</p> <p>AMD 1 06-16-16 INCREASE AUTHORITY BY \$200,000.00, FROM \$250,000 TO \$450,000 AND EXTEND TERMINATION DATE FROM 12-31-16 TO 12-31-17 FOR CIVIL ENGINEERING AND EXPERT WITNESS SERVICES FOR CONDEMNATION ACTION.</p> <p>12-16-14: CIVIL ENGINEERING SERVICES FOR ACQUISITION OF PROPERTIES FOR PROJECT NEON, CLARK COUNTY. NV B/L#: NVD20031430130</p>
50	06216	05	WSP USA INC.	GARNET INTERCHANGE	N	\$4,909,323.00	\$4,030,195.00	-	\$8,939,518.00	-	04/19/2016	06/30/2021	12/28/2020	Service Provider	Project Management	Darin	Nick	<p>AMD 5 12-28-20: NO COST AMENDMENT TO EXTEND THE TERMINATION DATE FROM 12-30-20 TO 06-30-21 DUE TO DELAYS AND TO COMPLETE THE PROJECT.</p> <p>AMD 4 06-22-20: NO COST AMENDMENT TO UPDATE SERVICE PROVIDER'S ADDRESS AND EXTEND TERMINATION DATE FROM 06-30-20 TO 12-30-20 TO FINALIZE THE SERVICES DURING THE WARRANTY PERIOD OF THE DESIGN-BUILD CONTRACT.</p> <p>AMD 3 08-26-19: NO COST AMENDMENT TO EXTEND TERMINATION DATE FROM 12-31-19 TO 06-30-20 TO ENSURE SERVICE PROVIDER CAN ASSIST THE DEPARTMENT THROUGH THE WARRANTY PERIOD OF THE PROJECT.</p> <p>AMD 2 07-06-17: PROVIDE NEW SCOPE OF SERVICES, EXTEND TERMINATION DATE FROM 12-29-17 TO 12-31-19 TO ACCOMMODATE THE SCOPE OF SERVICES. AMEND THE DBE REQUIREMENT FOR THIS PHASE TO 0% AS IT DOES NOT APPLY TO DESIGN-BUILD ADMINISTRATION DELIVERY PHASE OF THE PROJECT, REPLACING PAYMENT METHOD OF COST PER UNIT OF WORK WITH COST PLUS FIXED FEE, AND INCREASE AUTHORITY BY \$4,030,195.00 FROM \$4,909,323.00 TO \$8,939,518.00 DUE TO CHANGES TO THE SCOPE OF SERVICES.</p> <p>AMD 1 05-05-17: TO EXTEND TERMINATION DATE FROM 06-30-17 TO 12-29-17 TO COMPLETE WORK AND UPDATE NAME CHANGE FROM PARSON'S BRINCKERHOFF TO WSP INC.</p> <p>04-19-16: DEVELOP ALTERNATIVES, ENVIRONMENTAL DOCUMENTATION, PRELIMINARY DESIGN, AND DESIGN-BUILD PROCUREMENT DOCUMENTS FOR GARNET INTERCHANGE. CLARK COUNTY. NV B/L#: NVF19911025871-R</p>