



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, May 10, 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 May 10, 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.dot.nv.gov.

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 Approval of the April 12, 2021 Nevada Department of Transportation Board of Directors Meeting Minutes.—*For possible action.*
 4. Receive Director's Report.—*Informational item only.*
 5. Consideration of Approval of Contracts over \$5,000,000—*For possible action.*
 6. Consideration of Approval of Agreements over \$300,000—*For possible action.*
 7. 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.*
 8. 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.
 9. 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.*
-



10. 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.dot.nv.gov.

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.dot.nv.gov/doing-business/public-involvement-information>

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



Nevada Department of Transportation

Board of Directors • Meeting Minutes

April 12, 2021

9:30 A.M.

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, April 12, 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 Approval of the March 8, 2021 Nevada Department of Transportation Board of Directors Meeting Minutes. (For Possible Action)

Motion: Approve the March 8, 2021 Nevada Department of Transportation Board of Directors Meeting Minutes

By: Member Stephen Ascuaga

Vote: Passed. Member Catherine Byrne abstained.

4. Receive Director's Report (Informational Item)

Director Swallow began the director's report with a discussion on safety. Director Swallow explained to the Board that the month of March was particularly deadly on the Nevada roads with a 20-percent jump in fatalities compared to March of 2020. Multiple counties doubled their rate of fatal crashes, including Eureka, Humboldt,



Nevada Department of Transportation

Board of Directors • Meeting Minutes

April 12, 2021

9:30 A.M.

Lincoln, Mineral, Storey, and White Pine, and Nye County experienced a 1000-percent jump from zero fatalities in March 2020 up to ten fatalities in March 2021. Director Swallow explained that the state also saw increases in unrestrained motorist fatalities as well as motorist and bicycle fatalities but a slight decrease in the number of pedestrian deaths compared to March of 2020. Director Swallow commended the partners in traffic safety who respond to these incidents, sometimes risking their own lives and illustrated this point by informing the Board of a crash on March 9th in the North Valley's area of Reno. NHP Sergeant Franco was on the scene and captured video of the pileup of cars on the icy roadway, including his own vehicle being struck. Fortunately, Sergeant Franco was not in the vehicle at the time. Director Swallow further illustrated this point by informing the Board of the death of tow-truck driver Ryan Billet, who was hit and killed while working on the shoulder of the 215 Beltway near Decatur Boulevard. Director Swallow further informed the Board of the six-year anniversary of the death of Ron Raiche Jr., one of the 24 NDOT employees who have lost their lives since 1948 in the line of service. Director Swallow reminded drivers of Nevada's "Move Over" law, which requires drivers to slow down, proceed with caution and, if safe to do so, move over one lane when passing a roadway incident. Director Swallow reminded drivers that the "Move Over" law applies not only to emergency and law-enforcement vehicles, but also to NDOT or any official city or county vehicles using flashing amber warning lights, freeway service patrol, tow vehicles, and all other traffic incidents such as stalled vehicles or roadway debris.

Director Swallow next provided an update on the traffic impacts of the pandemic. With vaccinations in full swing, some occupancy and health restrictions loosened, and spring approaching, Director Swallow informed the Board that NDOT is beginning to see the effects of this in traffic counts. Traffic volumes are trending upwards across the state consistent with typical springtime seasonal trends. While southern Nevada interstates are above pre-pandemic levels at Primm, Apex, and Mesquite, the majority of other sites in southern Nevada remain below pre-pandemic levels. Director Swallow informed the Board that the Reno area has seen strong traffic volumes on I-580 south into Carson City and north into Panther Valley, but growth remains sluggish downtown. Tahoe rose to nearly pre-pandemic levels in the last month and interstate traffic saw an increase in Elko in line with pre-pandemic seasonal trends. Elko remains above pre-pandemic volumes.

Director Swallow next updated the Board on NDOT's legislative session efforts. As of April 1st, NDOT is tracking over 100 bills and has completed 24 fiscal notes, nearly matching the fiscal note total from the entire 2019 legislative session. Three of NDOT's four bills have passed unanimously out of assembly and have now been referred to the Senate Committee on Growth and Infrastructure; the fourth bill passed unanimously out of Assembly Committee Growth and Infrastructure and is awaiting a vote.



Nevada Department of Transportation

Board of Directors • Meeting Minutes

April 12, 2021

9:30 A.M.

Director Swallow informed the Board of the US 95 closure between the Fallon Landfill and the rodeo grounds north of Schurz that will be in place for two weeks beginning Monday, April 19 through April 29th. Director Swallow informed the Board that between April 20th and May 9th, drivers should expect traffic delays of up to 30 minutes as crews finalize construction. Crews will be working 24-7 to excavate, reinforce, and repave a 2,000-foot section of deteriorating highway during the closure, as well as to repave nearly 30 miles of US 95 between the US 95-A junction in Schurz and ten miles south of Fallon. The following improvements are planned: construction of a four-mile passing lane on northbound 395 north of Schurz; construction of a left-hand turn lane at Rodeo Drive in Schurz; extension and reinforcement with headwalls of drainage culverts and boxes that were installed as an emergency installation to protect the roadway during the floods of 2017. The highway has not been reconstructed since 2003, and the improvements will provide safety and ride-ability for travelers who use this road.

Director Swallow informed the Board that a Bridge Inspection and Rehabilitation Program has recognized Nevada's bridges as some of the nation's best. Nevada's bridges have been ranked among the nation's best for the past seven years. According to the American Road and Transportation Builders Associations, analysis of 2020 NDOT Bridge Inventory Data shows that only 1.4 percent of Nevada's more than 2,000 public bridges were structurally deficient, compared with the national average of 7.3 percent. Director Swallow informed the Board that NDOT inspects the majority of bridges every two years. Bridges with more extensive deterioration are inspected more often, and some newer bridges are inspected only every four years. Director Swallow informed the Board that NDOT has dedicated approximately \$16 million over the last two fiscal years to preserving Nevada bridges, with the goal of keeping all who travel them safe and connected.

Director Swallow updated the Board on how NDOT continues to contribute to the economy and to Nevada's workforce. This month infrastructure jobs supported by construction contracts includes 138 job years and is from contracts that were approved by a delegated authority. These 138 job years will be added to the 3,161 job years added in the prior months for a total of 3,299 job years added from October 2020 to present.

Director Swallow thanked the entire NDOT team, particularly the maintenance crews, for their efforts to make and keep Nevada roadways safe and connected throughout the many difficulties of the pandemic, including furloughs, work loss and pay cuts, and short-staffed crews.



Nevada Department of Transportation

Board of Directors • Meeting Minutes

April 12, 2021

9:30 A.M.

Director Swallow completed her presentation to the Board with the introduction of Jenica Keller, the new Assistant Director of Operations for NDOT. In her new role, Ms. Keller will oversee multiple divisions, including Equipment, Maintenance and Asset Management, Materials, and Traffic Operations. Director Swallow informed the Board that Ms. Keller began her career with NDOT in 1994 in the Materials Division. Ms. Keller has also worked in Pavement Analysis, Roadbed Design, Specifications, Road Design, and most recently in Project Management, a role in which she helped deliver critical projects across the state such as Centennial Bowl in Las Vegas and the SBX Project in Reno. Ms. Keller is a graduate of NDOT's engineering and training program, a registered professional engineer, and a certified public manager.

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

Director Swallow informed the Board that there are five agreements for the Board's consideration: an amendment to an existing agreement with Volt Delta Resources to extend the current maintenance and operations for the Nevada 511 traveler information system through December 2022; an agreement with Kimley-Horn to provide for the configuration and integration of the active traffic management sign expansion portion of the Tropicana Interchange Construction Project; an amendment to the agreement with Kimley-Horn to extend the maintenance and operations through June 2023 for the advanced traffic management software system; an agreement with Patriot Environmental Services to assist with trash and debris cleanup along NDOT rights of way in District 1; an amendment to the agreement with the Narwhal Group to increase the budget of the on-call ITS maintenance agreement to help with a backlog issue in upgrading lighting systems in the Las Vegas Valley.

Motion: Approve the Agreements over \$300,000

By: Member Virginia Valentine

Vote: Passed unanimously

6. Contracts, Agreements, and Settlements (Informational Item)

Director Swallow informed the Board that she did not have any comments on this item.

7. Public Comment #2

There was no public comment



Nevada Department of Transportation

Board of Directors • Meeting Minutes

April 12, 2021

9:30 A.M.

8. Executive Session

There was no executive session in this meeting.

9. Adjournment (For Possible Action)

Motion: Adjourn the April 12, 2021 Nevada Department of Transportation Board of Directors Meeting
By: Controller Catherine Byrne
Vote: Passed unanimously

Jeff Lerud, Acting Deputy Director
Interim Secretary to the Board of Directors



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

MEMORANDUM

April 28, 2021

TO: Department of Transportation Board of Directors

FROM: Kristina Swallow, P.E., Director

SUBJECT: May 10, 2021 | Transportation Board of Directors Meeting

ITEM #5: 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 March 12, 2021 through April 8, 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, March 12, 2021 through April 8, 2021.

MEMORANDUM
Department of Transportation Board of Directors
April 28, 2021
Page 2 of 2

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
March 12, 2021, through April 8, 2021

1. March 11, 2021 at 1:30 PM the following bids were opened for Contract **3866**, Project No. STBG-093-3(003), on US 93, from 0.01 miles South of Minnie Street, at B-220 in Caliente, to 1.03 North of SR 319 in Lincoln County, for cold mill, place plantmix bituminous surface with open grade safety improvements.

W.W. Clyde & Co.....	\$8,736,000.00
Road and Highway Builders LLC	\$9,262,262.00
Las Vegas Paving Corporation	\$10,590,000.00

Engineer's Estimate \$8,104,103.28

The Director recommends award to W.W. Clyde & Co. in the amount of \$8,736,000.00.

Line Item 1



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

MEMORANDUM
Administrative Services

March 24, 2021

To: Kristina Swallow, P.E., Director
Jeff Lerud, Acting Deputy Director of Operations and Maintenance
Darin Tedford, Deputy Director, Project Delivery

From: Tyler Saunders, Contract Services Manager – Administrative Services

DS
TS

Subject: Concurrence in Award for Contract No. 3866, Project No. STBG-093-3(003), on US 93, from 0.01 miles South of Minnie Street, at B-220 in Caliente, to 1.03 miles North of SR 319, in Lincoln County, described as cold mill, place plantmix bituminous surface with open grade and safety improvements. The Engineer's Estimate is \$8,104,103.28.

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

Bid proposals were opened on March 11, 2021. W.W. Clyde & Co. is the apparent low bidder at \$8,736,000.00 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 \$9,262,262.00.

The project is Federally funded; required 5.94% DBE participation; and is not subject to State Bidder Preference provisions.

The subcontractor and supplier listings submitted by the W.W. Clyde & Co. have been reviewed and confirmed by Contract Services. The DBE information submitted by the W.W. Clyde & Co. has been reviewed and certified by the External Civil Rights office. W.W. Clyde & Co. has met the required DBE participation with a 9.38% 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 May 2021 meeting.

Concurrence in award:

DocuSigned by:
Jeff Lerud

E0C1947A442E436...

Jeff Lerud, Acting Deputy Director

DocuSigned by:
Darin Tedford

59F62CD438AD46A...

Darin Tedford, Deputy Director

DocuSigned by:
Kristina Swallow

C4B612FC2C1E4FB...

Kristina Swallow, P.E., Director

Enclosures:
Unofficial Bid Results Report
DBE Sub Approval
BRAT Report



Nevada Department of Transportation
Unofficial Bid Results
 March 11, 2021

Contract Number: 3866	Bid Opening Date and Time: 3/11/2021 1:30 PM
Designer: Micah Hand	Liquidated Damages: \$6,600.00
Senior Designer: Devin Cartwright	Working Days: 100
Estimate Range: R28 \$7,950,000.01 to \$9,550,000	District: District 1
Project Number: STBG-093-3(003)	

County: Lincoln
Location: US 93, from 0.01 miles South of Minnie Street, at B-220 in Caliente, to 1.03 miles North of SR 319
Description: Cold mill, place plantmix bituminous surface with open grade and safety improvements

	Actual Bid
Apparent Low Bidder: <u>W.W. Clyde & Co.</u>	<u>\$8,736,000.00</u>
Apparent 2nd: <u>Road and Highway Builders LLC</u>	<u>\$9,262,262.00</u>
Apparent 3rd: <u>Las Vegas Paving Corporation</u>	<u>\$10,590,000.00</u>

Bidders:	Actual Bid Amount
1 W.W. Clyde & Co. PO Box 1898 Orem, UT 84059 (801) 802-6800	\$8,736,000.00
2 Road and Highway Builders LLC 175 Salomon Circle Ste #103 Sparks, NV 89434 (775) 852-7283	\$9,262,262.00
3 Las Vegas Paving Corporation 4420 South Decatur Boulevard Las Vegas, NV 89103 (702) 251-5800	\$10,590,000.00



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

MEMORANDUM
Contract Compliance

March 16, 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. 3866, US 93, from 0.01 miles South of Minnie Street at B-220 in Caliente, to 1.03 miles North of SR 319, in Lincoln County; Cold mill, place plantmix bituminous surface with open grade, and safety improvements.

Apparent low bid: \$8,736,000.00

The DBE information for MC4 Construction LLC, submitted by the apparent low bidder, W.W. Clyde & Co., has been received by the DBE Program Office and we have concluded:

MC4 Construction LLC holds active State of Nevada business and Nevada State Contractors Board licenses and is a Nevada certified DBE firm. Additionally, MC4 Construction LLC is clear of State disqualification and Federal exclusion.

The DBE goal of 5.94% has been met with a 9.38% DBE committed participation by the apparent low bidder, W.W. Clyde & Co.

The DBE firm is 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

March 24, 2021

To: Doug Benamati, Deputy Chief - Administrative Services
From: Bid Review and Analysis Team
Subject: BRAT Summary Report for Contract # 3866

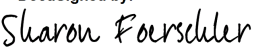
The Bid Review and Analysis Team (BRAT) met on March 23, 2021, to discuss bids for the above referenced contract. The following were in attendance:

Scott Hein, Chief Design Engineer	Samuel Lompa, Professional Engineer
Sharon Foerschler, Chief Construction Engineer	Eric Macgill, Associate Engineer
Doug Benamati, Deputy Chief Administrative Services	Kevin Maxwell, Professional Engineer
Ryan Bennett, Associate Engineer	Phillip Slagel, Professional Engineer
Mark Caffaratti, Professional Engineer	Michael West, Associate Engineer
Devin Cartwright, Professional Engineer	Tyler Saunders, Contract Services Manager
Brian Deal, Professional Engineer	Jasen Stoffer, Program Officer
Samantha Dowd, Professional Engineer	

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

The apparent lowest responsive bidder, W.W. Clyde & Co., submitted a bid which is 108% of the Engineer's Estimate. The BRAT recommends award of this contract.

Submitted:

DocuSigned by:

67A4C09A4CB7477...
Sharon Foerschler, BRAT Co-Chair

DocuSigned by:

E7F2D4506AC6488...
Scott Hein, BRAT Co-Chair

cc: Attendees
Dennis Gallagher, Legal
Design Admin

Bid Tabulation

March 11, 2021

Item No.	Quantity	Unit	Description	Engineer's Estimate		W.W. Clyde & Co.		Road and Highway Builders LLC		Las Vegas Paving Corporation	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
6230570	7.000	EACH	STEEL POLE, TYPE 7	\$6,500.00	\$45,500.00	\$6,741.78	\$47,192.46	\$12,000.00	\$84,000.00	\$11,500.00	\$80,500.00
6230630	1.000	EACH	STEEL POLE, TYPE 30A	\$20,000.00	\$20,000.00	\$39,978.65	\$39,978.65	\$20,000.00	\$20,000.00	\$42,000.00	\$42,000.00
6230653	2.000	EACH	ITS POLE (30 FOOT)	\$13,700.00	\$27,400.00	\$16,421.29	\$32,842.58	\$20,000.00	\$40,000.00	\$13,600.00	\$27,200.00
6230658	1.000	EACH	ITS POLE (80 FOOT)	\$37,300.00	\$37,300.00	\$49,591.51	\$49,591.51	\$30,000.00	\$30,000.00	\$69,000.00	\$69,000.00
6230775	12.000	EACH	LOOP DETECTOR	\$1,000.00	\$12,000.00	\$1,188.42	\$14,261.04	\$800.00	\$9,600.00	\$1,790.00	\$21,480.00
6231061	2.000	EACH	COMMUNICATION CABINET	\$15,250.00	\$30,500.00	\$24,295.96	\$48,591.92	\$5,000.00	\$10,000.00	\$20,700.00	\$41,400.00
6231105	1.000	EACH	FLASHING BEACON CONTROLLER	\$3,850.00	\$3,850.00	\$3,132.10	\$3,132.10	\$4,000.00	\$4,000.00	\$5,400.00	\$5,400.00
6231115	1.000	LS	ROAD AND WEATHER INFORMATION SYSTEM	\$70,000.00	\$70,000.00	\$75,503.50	\$75,503.50	\$20,000.00	\$20,000.00	\$72,000.00	\$72,000.00
6231259	327.000	LINFT	ETHERNET CABLE	\$6.50	\$2,125.50	\$5.90	\$1,929.30	\$20.00	\$6,540.00	\$11.90	\$3,891.30
6231261	1.000	EACH	FIELD HARDENED ETHERNET SWITCH	\$12,000.00	\$12,000.00	\$10,157.10	\$10,157.10	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
6231270	2.000	EACH	DATA RADIO COMMUNICATIONS EQUIP.-MASTER STATION DATA RADIO UNIT	\$21,000.00	\$42,000.00	\$8,707.67	\$17,415.34	\$2,000.00	\$4,000.00	\$10,500.00	\$21,000.00
6231620	3.000	EACH	UNDERGROUND ELECTRICAL SERVICE	\$7,500.00	\$22,500.00	\$10,129.33	\$30,387.99	\$4,000.00	\$12,000.00	\$14,250.00	\$42,750.00
6231790	44.000	LINFT	1 1/4-INCH CONDUIT	\$17.00	\$748.00	\$34.20	\$1,504.80	\$20.00	\$880.00	\$180.00	\$7,920.00
6231795	220.000	LINFT	1 1/2-INCH CONDUIT	\$20.00	\$4,400.00	\$34.20	\$7,524.00	\$18.00	\$3,960.00	\$37.80	\$8,316.00
6231820	5,268.000	LINFT	3-INCH CONDUIT	\$29.00	\$152,772.00	\$41.50	\$218,622.00	\$12.00	\$63,216.00	\$21.30	\$112,208.40
6231825	374.000	LINFT	3-INCH CONDUIT(METAL)	\$45.00	\$16,830.00	\$73.00	\$27,302.00	\$50.00	\$18,700.00	\$78.00	\$29,172.00
6231835	374.000	LINFT	4-INCH CONDUIT(METAL)	\$65.00	\$24,310.00	\$99.00	\$37,026.00	\$60.00	\$22,440.00	\$110.00	\$41,140.00
6231970	1,538.000	LINFT	NO. 4 CONDUCTOR	\$1.50	\$2,307.00	\$2.10	\$3,229.80	\$2.00	\$3,076.00	\$4.30	\$6,613.40
6231975	11,316.000	LINFT	NO. 6 CONDUCTOR	\$1.30	\$14,710.80	\$1.85	\$20,934.60	\$1.00	\$11,316.00	\$1.94	\$21,953.04
6231980	5,211.000	LINFT	NO. 8 CONDUCTOR	\$1.20	\$6,253.20	\$1.30	\$6,774.30	\$1.00	\$5,211.00	\$2.00	\$10,422.00
6231985	769.000	LINFT	NO. 10 CONDUCTOR	\$1.00	\$769.00	\$1.25	\$961.25	\$1.00	\$769.00	\$2.10	\$1,614.90
6232215	1.000	EACH	MAST ARM DAMPER	\$500.00	\$500.00	\$5,125.75	\$5,125.75	\$4,000.00	\$4,000.00	\$5,600.00	\$5,600.00
6232220	1.000	EACH	STEEL POST, 20-FOOT	\$8,500.00	\$8,500.00	\$7,402.64	\$7,402.64	\$15,000.00	\$15,000.00	\$12,600.00	\$12,600.00
6232225	2.000	EACH	STEEL POST, 30-FOOT	\$9,500.00	\$19,000.00	\$7,580.34	\$15,160.68	\$20,000.00	\$40,000.00	\$12,600.00	\$25,200.00
6232420	4.000	EACH	SIGNAL HEAD 1W1C, BRACKET	\$850.00	\$3,400.00	\$1,085.13	\$4,340.52	\$2,000.00	\$10,000.00	\$2,000.00	\$8,000.00
6232545	2.000	EACH	SIGNAL HEAD 1W1C, MAST ARM	\$850.00	\$1,700.00	\$894.09	\$1,788.18	\$2,500.00	\$5,000.00	\$6,000.00	\$12,000.00
6232550	3.000	EACH	SIGNAL HEAD 1W1C, POST TOP	\$1,130.00	\$3,390.00	\$2,282.43	\$6,847.29	\$2,600.00	\$7,800.00	\$4,400.00	\$13,200.00
6232680	83.000	SQFT	TRAFFIC SIGNAL SIGNS	\$70.00	\$5,810.00	\$89.96	\$7,466.68	\$14.00	\$1,162.00	\$75.00	\$6,225.00
6232870	1.000	EACH	CELLULAR TELEPHONE MODEM	\$12,000.00	\$12,000.00	\$3,959.56	\$3,959.56	\$2,500.00	\$2,500.00	\$5,200.00	\$5,200.00
6232950	1.000	EACH	CCTV LOWERING DEVICE (HIGH MAST)	\$15,500.00	\$15,500.00	\$21,091.67	\$21,091.67	\$4,000.00	\$4,000.00	\$19,000.00	\$19,000.00
6233030	1.000	EACH	CCTV CAMERA (PTZ)	\$10,500.00	\$10,500.00	\$11,628.74	\$11,628.74	\$4,000.00	\$4,000.00	\$8,700.00	\$8,700.00
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	\$70,000.00	\$70,000.00
6240140	100.000	DAY	TRAFFIC CONTROL SUPERVISOR	\$500.00	\$50,000.00	\$1,278.86	\$127,886.00	\$1,500.00	\$150,000.00	\$900.00	\$90,000.00
6240420	10.000	HOUR	RENT EQUIPMENT (BACKHOE)	\$200.00	\$2,000.00	\$185.82	\$1,858.20	\$150.00	\$1,500.00	\$185.00	\$1,850.00
6250490	1.000	LS	RENT TRAFFIC CONTROL DEVICES	\$206,270.00	\$206,270.00	\$707,993.35	\$707,993.35	\$400,000.00	\$400,000.00	\$474,600.00	\$474,600.00
6270100	1.000	LS	INSTALL STATE FURNISHED SIGNS	\$900.00	\$900.00	\$2,387.95	\$2,387.95	\$5,000.00	\$5,000.00	\$970.00	\$970.00
6270190	1,568.490	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$75.00	\$117,636.75	\$95.52	\$149,822.16	\$90.00	\$141,164.10	\$103.00	\$161,554.47
6270220	8.000	SQFT	PERMANENT SIGN PANELS (PANELS ONLY)	\$50.00	\$400.00	\$32.21	\$257.68	\$150.00	\$1,200.00	\$103.00	\$824.00
6270240	1,000.750	SQFT	PERMANENT SIGNS, REMOVE	\$8.25	\$8,256.19	\$5.55	\$5,554.16	\$6.00	\$6,004.50	\$13.00	\$13,009.75
6270250	4.000	SQFT	PERMANENT SIGNS, REMOVE (PANEL ONLY)	\$25.00	\$100.00	\$36.10	\$144.40	\$120.00	\$480.00	\$13.00	\$52.00
6270270	4.000	SQFT	PERMANENT SIGNS, RESET (PANELS ONLY)	\$50.00	\$200.00	\$27.77	\$111.08	\$120.00	\$480.00	\$103.00	\$412.00
6280120	1.000	LS	MOBILIZATION	\$458,722.83	\$458,722.83	\$874,876.58	\$874,876.58	\$873,146.05	\$873,146.05	\$522,526.07	\$522,526.07
6320920	28.400	MILE	EPOXY PAVEMENT STRIPING (6-INCH SOLID WHITE)	\$2,800.00	\$79,520.00	\$2,387.95	\$67,817.78	\$2,500.00	\$71,000.00	\$2,750.00	\$78,100.00
6320980	7.640	MILE	EPOXY PAVEMENT STRIPING (BROKEN YELLOW)	\$900.00	\$6,876.00	\$850.00	\$6,494.00	\$1,400.00	\$10,696.00	\$460.00	\$3,514.40
6321060	2.210	MILE	EPOXY PAVEMENT STRIPING (BROKEN YELLOW W/SOLID YELLOW)	\$2,200.00	\$4,862.00	\$2,665.85	\$5,891.53	\$3,000.00	\$6,630.00	\$2,280.00	\$5,038.80
6321080	4.220	MILE	EPOXY PAVEMENT STRIPING (DOUBLE SOLID YELLOW)	\$3,100.00	\$13,082.00	\$3,902.48	\$16,468.47	\$3,200.00	\$13,504.00	\$3,650.00	\$15,403.00
6341030	381.000	LINFT	THERMOPLASTIC PAVEMENT MARKING (24-INCH SOLID WHITE)	\$20.00	\$7,620.00	\$14.44	\$5,501.64	\$20.00	\$7,620.00	\$14.00	\$5,334.00
6341060	24.000	SQFT	THERMOPLASTIC PAVEMENT MARKING (VARIES)	\$40.00	\$960.00	\$22.21	\$533.04	\$20.00	\$480.00	\$14.00	\$336.00
6370110	1.000	LS	TEMPORARY POLLUTION CONTROL	\$47,832.38	\$47,832.38	\$16,395.33	\$16,395.33	\$35,000.00	\$35,000.00	\$80,000.00	\$80,000.00
Totals:					\$8,104,103.28		\$8,736,000.00		\$9,262,262.00		\$10,590,000.00

Price Sensitivity

March 11, 2021

Contract No.: 3866
 Project No.: STBG-093-3(003)
 Project Id: 60976
 County: Lincoln
 Range: R28 (\$7,950,000.01 to \$9,550,000.00)
 Working: 100

RE: Don Christiansen
 Designer: Micah Hand

Engineer's Estimate	W.W. Clyde & Co.	Road and Highway Builders LLC	Diff. Between Low & 2nd	Diff Between EE & Low	Low Bid % of EE
\$8,104,103.28	\$8,736,000.00	\$9,262,262.00	\$526,262.00	\$631,896.72	108%

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
2010100	1	LS	CLEARING AND GRUBBING	\$6,000.00	\$68,765.48	\$25,000.00	N/A	N/A	1146%	Yes	EE OK/ Quantity is for one acre of clearing for the new pipe locations. QTY OK
2020990	275701	SQYD	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING)	\$2.00	\$1.43	\$2.20	-683,457.14	-248%	72%	Yes	EE OK/ QTY OK
2021287	224711	LINFT	GRINDING FOR PAVEMENT MARKINGS	\$0.50	\$0.33	\$0.50	-3,095,658.82	-1378%	66%	Yes	EE OK/ QTY OK
2030140	957	CUYD	ROADWAY EXCAVATION	\$55.00	\$35.21	\$70.00	-15,126.82	-1581%	64%	Yes	EE OK/ QTY OK
3020130	1275.5	TON	TYPE 1 CLASS B AGGREGATE BASE	\$35.00	\$71.84	\$70.00	286,011.96	22424%	205%	Yes	EE Low; \$50 / QTY OK
4020100	5941	SQYD	PLANTMIXING MISCELLANEOUS AREAS	\$13.00	\$23.40	\$28.00	-114,404.78	-1926%	180%	Yes	EE OK/ QTY OK
4020180	39962	TON	PLANTMIX SURFACING (TYPE 2) (WET)	\$85.00	\$74.85	\$90.00	-34,736.77	-87%	88%	No	EE OK/ QTY error is 308 tons over estimate. Quantity should be 39,654 Tons
4030110	10492	TON	PLANTMIX OPEN-GRADED SURFACING (3/8-INCH) (WET)	\$120.00	\$105.78	\$130.00	-21,728.41	-207%	88%	No	EE OK/ QTY Error is 85 tons over estimate. Quantity should be 10,407 Tons
6180250	12874	LINFT	REMOVE AND RESET GUARDRAIL	\$5.50	\$5.55	\$2.00	148,242.82	1151%	101%	No	EE OK/ QTY OK
6180360	34	EACH	GUARDRAIL TERMINAL (TANGENTIAL)	\$3,700.00	\$4,192.79	\$2,500.00	310.88	914%	113%	No	EE OK/ QTY OK
6180540	2390	LINFT	GALVANIZED GUARDRAIL	\$30.00	\$33.88	\$25.00	59,263.74	2480%	113%	No	EE OK/ QTY OK
6180550	3730	LINFT	GALVANIZED GUARDRAIL (TRIPLE CORRUGATION)	\$35.00	\$41.09	\$60.00	-27,829.83	-746%	117%	No	EE OK/ QTY OK
6231115	1	LS	ROAD AND WEATHER INFORMATION SYSTEM	\$70,000.00	\$75,503.50	\$20,000.00	N/A	N/A	108%	No	EE OK/ QTY OK
6231820	5268	LINFT	3-INCH CONDUIT	\$29.00	\$41.50	\$12.00	17,839.39	339%	143%	No	EE OK/ QTY OK
6240140	100	DAY	TRAFFIC CONTROL SUPERVISOR	\$500.00	\$1,278.86	\$1,500.00	-2,379.77	-2380%	256%	Yes	EE OK/ QTY OK
6250490	1	LS	RENT TRAFFIC CONTROL DEVICES	\$206,270.00	\$707,993.35	\$400,000.00	N/A	N/A	343%	Yes	EE OK/ QTY OK
6270190	1568.49	SQFT	PERMANENT SIGNS (GROUND MOUNTED) (METAL SUPPORTS)	\$75.00	\$95.52	\$90.00	95,337.32	6078%	127%	No	EE OK/ QTY OK
6280120	1	LS	MOBILIZATION	\$458,722.83	\$874,876.58	\$873,146.05	N/A	N/A	191%	Yes	Fixed Percentage 6%
6320920	28.4	MILE	EPOXY PAVEMENT STRIPING (6-INCH SOLID WHITE)	\$2,800.00	\$2,387.95	\$2,500.00	-4,696.67	-16538%	85%	No	EE OK/ QTY OK

Additional Comments: The Bid Review Analysis Team has reviewed and checked the engineer's estimate and quantities; two quantity discrepancies were found. Bid Item 4020180 Plantmix Surfacing (Type 2) (Wet); quantity was high and will decrease from 39,962 Tons to 39,654 Tons. Bid Item 4030110 Plantmix Open-Graded Surfacing (3/8-Inch) (Wet); quantity was high and will decrease from 10,492 Tons to 10,407 Tons. There were two bid items listed in the engineer's estimate that were priced low; bid item 2020982 Remove Fence should have been \$5.00 and not \$1.50 and bid item 2070150 Slurry Cement Backfill price should have been \$925 and not \$175. All other prices and quantities have been verified. Recommend to Award.

Purpose and Need of Project: This project rehabilitates the pavement on US 93 north of the City of Caliente, a route occasionally used as a traffic detour for I-15. The work includes a mill and overlay of the roadway pavement, drainage repairs, updated signs, and ITS improvements. Enhanced rideability and signage will increase safety and driver comfort. New pavement and drainage improvements will reduce maintenance efforts through the corridor. A new flashing warning, "Road May Be Icy" sign system, activated only during poor weather conditions, will also improve driver safety.

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):

00

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

w. w clyde & co.

5. Corporate/Business Entity Street Address:

Street Address: 869N 1500W	Website: wwclyde.net
City, State and Zip Code: Orem	Point of Contact Name: John Thompson
Telephone and Fax No. 18018026800	Email: jthompson@wwclyde.net

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. 18018026800	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)
Duston Olson	President	Na
John Thompson	Vice President	Na
Jeff Cochran	Vice President	Na
Ian McDonald	Treasurer	Na
Brandon Hale	Secretary	Na

*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

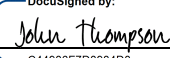
2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

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
Na	Na	Na	Na

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:

C41886F7D8884D8...
 Signature _____ John Thompson _____
 Vice President of Cosntruction _____ Print Name _____
 _____ 03/16/2021 _____
 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:

371886E459C8491...
 Signature _____

 Jasen Stoffer

 Print Name
 Authorized NDOT Representative



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

MEMORANDUM

April 28, 2021

TO: Department of Transportation Board of Directors
FROM: Kristina Swallow, P.E., Director
SUBJECT: May 10, 2021 | Transportation Board of Directors Meeting
ITEM #6: 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 March 12, 2021 through April 8, 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 March 12, 2021 through April 8, 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
April 28, 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, March 12, 2021 through April 8, 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
 March 12, 2021 through April 8, 2021

Attachment A

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	07421	00	4LEAF CONSULTING, LLC	CREW 904 AUGMENTATION	N	\$413,226.00	-	-	\$413,226.00	-	5/10/2021	12/31/2021	-	Service Provider	Construction	Darin	Sam	05-10-2021: PERFORM PROFESSIONAL AND TECHNICAL ENGINEERING SERVICES TO ENSURE THAT THE CONSTRUCTION OF CONTRACT 3854, PROJECT SPI-080-4(033), I-80 ELKO INTERCHANGE 3R PROJECT IS ACCOMPLISHED IN CONFORMANCE WITH THE PLANS, SPECIFICATIONS, AND ALL OTHER CONTRACT DOCUMENTS. THIS PROJECT CONSISTS OF COLD MILLING, PLACEMENT OF PLANTMIX BITUMINOUS SURFACE, AND OPEN GRADE, ELKO COUNTY. NV B/L#: NVD20101020523-R PROPOSERS: 4LEAF CONSULTING, LLC, DIVERSIFIED CONSULTING SERVICES, GEOTECHNICAL AND ENVIRONMENTAL SERVICES, INC., HORROCKS ENGINEERS, INC.
2	24320	00	KNIT	ARCHITECTURAL SERVICES	N	\$1,274,923.84	-	-	\$1,274,923.84	-	5/10/2021	12/31/2022	-	Service Provider	Architecture	Jenica	Anita	05-10-21: FULL ARCHITECTURAL AND ENGINEERING SERVICES FOR THE RENOVATION OF THE SEARCHLIGHT MAINTENANCE STATION. SERVICES FOR SITE DEVELOPMENT INCLUDE: SURFACE GRADING, DRAINAGE, DRIVEWAY ACCESS AND PARKING TO FULLY DEVELOP THE TWO (2) ACRE SITE. UTILITY CONNECTIONS (WATER, GAS, ELECTRIC AND TELEPHONE), FIRE PROTECTION, AND A SEPTIC SYSTEM WOULD ALSO BE PROVIDED. THE THREE OBSOLETE BUILDINGS, (EQUIPMENT MAINTENANCE BUILDING, ADMINISTRATION BUILDING, AND THE VEHICLE STORAGE FACILITY) WILL BE DEMOLISHED AND REPLACED WITH A SINGLE, 7,710 SF, MAINTENANCE BUILDING. THE SAND AND SALT WILL BE HOUSED IN A NEW SPRUNG STRUCTURE AS PER STORMWATER'S BEST MANAGEMENT PRACTICES. REGRADE AND REPAVE THE YARD TO CONTROL THE STORM RUNOFF. NV B/L#: NVD19851015692-R PROPOSERS: KNIT, APTUS, ATA ARCHITECTURE, LLC, BRAZEN ARCHITECTURE, INC., BUNNYFISH STUDIO, GEORGE M. ROGERS ARCHITECT, HERSHENOW AND KLIPPENSTEIN ARCHITECTS, DBA H+K ARCHITECTS, KITTREL GARLOCK AND ASSOCIATES, ARCHITECTS, AIA, LTD., PGAL, LLC, RICHARDSON WETZEL ARCHITECTURE, LLC, ROBERT A. FIELDEN, INC., PUGSLEY SIMPSON COULTER STUDIO, SUZANA RUTAR ARCHITECT, LTD., TATE, SNYDER KIMSEY ARCHITECTS
3	44320	00	BIO LOGICAL, LLC	BIOLOGICAL MONITORING	Y	\$852,440.27	-	-	\$852,440.27	-	5/10/2021	6/30/2022	-	Service Provider	Environmental	Darin	My-Linh	05-10-21: BIOLOGICAL MONITORING FOR THE I-15 LOGANDALE TO MESQUITE, NV MP 95.7 TO MP 118.4 PROJECT. THE SCOPE WILL INCLUDE ENSURING COMPLIANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION (FHWA)/NEVADA DEPARTMENT OF TRANSPORTATION (NDOT) PROGRAMMATIC BIOLOGICAL OPINION FILE NO. 94320-2010-F-0285.R001 (PBO) AND PROJECT-SPECIFIC BIOLOGICAL OPINION (BO) FOR THE THREATENED DESERT TORTOISE; INFORMAL CONSULTATION FOR THE ENDANGERED VIRGIN RIVER CHUB; AND NEVADA STATE LAWS FOR THE BANDED GILA MONSTER, MIGRATORY BIRDS, AND CRITICALLY ENDANGERED THREE CORNER MILKVETCH AND STICKY BUCKWHEAT, CLARK COUNTY. NV B/L#: NVD20151394045-R PROPOSERS: BIO LOGICAL, LLC, CARDNO, INC., IRONWOOD CONSULTING, INC., KNIGHT AND LEAVITT ASSOCIATES, INC., MOJAVE DESERT ENVIRONMENTAL CONSULTING, LLC, POGGEMEYER DESIGN GROUP, WALSH ENERGY CONSULTING, LLC
4	53819	00	HERSHENOW AND KLIPPENSTEIN ARCHITECTS, DBA H+K ARCHITECTS	ARCHITECTURAL DESIGN SERVICES FOR REST AREA RECONSTRUCTIONS	N	\$5,400,000.00	-	-	\$5,400,000.00	-	5/10/2021	5/31/2026	-	Service Provider	Architecture	Jenica	Anita	05-10-21: USING A MULTIDISCIPLINARY TEAM, PROVIDE FULL ARCHITECTURAL, LANDSCAPE ARCHITECTURE AND ENGINEERING DESIGN SERVICES FOR TRINITY, BEOWAWE AND MILLERS REST AREAS. ALL SITES WILL REQUIRE RECONSTRUCTION FOR IMPROVED ACCESS, PARKING, LANDSCAPE AND AESTHETICS, ADA ACCESSIBILITY, PUBLIC PICNIC AREA, INFORMATIONAL KIOSK FEATURES, WIRELESS INTERNET SERVICE, ELECTRIC AUTOMOBILE CHARGING STATIONS AND FULLY ACCESSIBLE ADA RESTROOM FACILITIES. COORDINATION AND PHASING TO EITHER TEARDOWN THE EXISTING BUILDING AND CONSTRUCT A NEW BUILDING ON THE EXISTING BUILDING FOOTPRINT, OR TO CONSTRUCT A NEW BUILDING ADJACENT TO THE OLD AND DEMO THE OLD BUILDING ONCE THE NEW BUILDING IS OPERATIONAL. DESIGN EFFORTS TO INCLUDE ADAPTATIONS FOR LOCAL AESTHETICS AND HISTORY AT EACH SITE. CENTERS ARE DESIGNED TO CONVEY THE ESSENCE OF NEVADA'S STATE-WIDE BRAND. NV B/L#:NVD19941047730-R PROPOSERS: HERSHENOW AND KLIPPENSTEIN ARCHITECTS, DBA H+K ARCHITECTS, KNIT, APTUS, BRAZEN ARCHITECTURE, INC., BUNNYFISH STUDIO, GEORGE M. ROGERS ARCHITECT, JVC ARCHITECTS, KME ARCHITECTS, LGA ARCHITECTURE, PAUL CAVIN ARCHITECT, LLC, ROBERT A. FIELDEN, INC., TATE, SNYDER KIMSEY ARCHITECTS

Line Item 1

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

074-21-040

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): 74160

Type of Services: Construction Engineering Services

Originated by: Tonia Andree

Division: Construction

Date Originated: 1/6/2021

Division Head/District Engineer: Sharon Foerschler

Budget Category #: 06

Object #: 814B

Organization #: C040

Estimated Cost: \$435,330.00

Type of Funding: State

% of Fund: 100

Funding Notes: \$165,942.00 in FY 2021, \$269,388.00 in FY2022

State Fiscal Year(s): 2021, 2022

IT Review:

Signature

Date

Financial Management:

Kristen Greenhut

Signature

1/28/2021

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

Signature

1/28/2021

Date

Director:

Kristina Swallow

Signature

1/28/2021

Date

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

074-21-040

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:

Due to crew workload and continued vacancies in District II, the Construction Division is requesting approval to proceed with the solicitation to provide qualified staff to augment Crew 908 to ensure contract 3854 is delivered in accordance with the plans and specifications.

Scope of Services:

The scope of services include providing Construction Engineering Services for the Augmentation of Crew 908 for the oversight of Project SPI-080-4(033), Contract 3854, Project ID 74160. The estimated duration for this project is 120 working days. Additional information is attached.



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

MEMORANDUM

April 8, 2021

TO: Darin Tedford, Deputy Director

FROM: Tonia Andree, Project Manager

SUBJECT: Negotiation Summary for RFP 074-21-040 Construction Engineering Services for Augmentation of Crew 908 for Project SPI-080-4(033) on I-80 in Elko County.

A negotiation meeting was held via Microsoft Teams on April 6, 2021, with Barclay Swan with 4LEAF Consulting, LLC. and Kenneth Smith, Mebrahtu Gobena, and Tonia Andree of the Nevada Department of Transportation (DEPARTMENT) in attendance.

There is no DBE goal established for this agreement.

The duration of this agreement will be for approximately eight (8) months, ending on December 31, 2021.

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

The Scope of Services was reaffirmed by both parties at the outset, see attachment A.

Key personnel dedicated to this project are as follows:

Name	Title
Kim Stewart	Level IV Bridge Inspector

There are no Sub-consultants being utilized for this agreement.

The DEPARTMENT's original estimate was \$435,330.00 including direct labor and expenses.

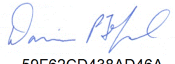
The SERVICE PROVIDER's original estimate was \$393,654.00 including direct labor and expenses.

The negotiations yielded the following:

1. All over-time will be pre-approved by the Resident Engineer/Assistant Resident Engineer. Approvals will be included with the monthly invoices as backup documentation. Overtime is accrued after forty (40) regular hours are worked in a week.
2. The Principal Engineer will be allowed to bill up to a total of eight (8) hours per month.
3. Man-hours were adjusted based on the contract scope of work and assumed level of staffing needs.

4. Agreed to hourly rates based on historical data.
5. The total projected man-hours allocated for this project is 2,508.
6. The total negotiated cost for this Agreement is \$413,226.00.

Reviewed and Approved:

DocuSigned by:
 04/08/2021
50F62CD438AD46A...
Deputy Director

Attachment A

CONSTRUCTION AUGMENTATION OF CREW 908 FOR THE OVERSIGHT OF CONTRACT 3854, I-80 ELKO INTERCHANGE 3R PROJECT

SCOPE OF SERVICES

The SERVICE PROVIDER agrees to perform professional and technical engineering services to ensure that the construction of Contract 3854, Project SPI-080-4(033), I-80 Elko Interchange 3R Project, in Elko County, is accomplished in conformance with the plans, specifications, and all other contract documents.

The SERVICE PROVIDER shall provide one (1) level IV Inspector and one (1) level III Inspector, trucks, and cell phones. The Level IV Inspector is considered "Key Personnel". The SERVICE PROVIDER shall provide incidental equipment as may be required by the DEPARTMENT.

The SERVICE PROVIDER shall provide all personnel assigned to this project the proper safety equipment, including but not limited to, soft caps, hard hats and vests meeting the current DEPARTMENT standards for Work Zone Apparel.

The SERVICE PROVIDER shall provide a principal engineer to act as Project Manager. The Principal Engineer shall be limited to billing no more than eight (8) hours per month unless prior approval for additional hours is obtained from the DEPARTMENT.

The Principal Engineer shall be certified by the Nevada State Board of Registered Professional Engineers and Land Surveyors, in accordance with Nevada Revised Statutes Chapter 625, as a licensed Civil Engineer.

The SERVICE PROVIDER shall provide personnel who possess the experience, knowledge, and character to adequately perform the requirements of these services, so as not to delay the progress of construction. The SERVICE PROVIDER shall become familiar with the standard practices of the DEPARTMENT and shall ensure all personnel provided to work on the project become familiar with the DEPARTMENT's contract documents, including the plans, specifications, special provisions, and any change orders thereto. The SERVICE PROVIDER shall perform the procedures for office management, documentation, field inspection and field testing in accordance with the DEPARTMENT's specifications, Construction Manual, Testing Manual and Documentation Manual.

The SERVICE PROVIDER shall provide all personnel assigned to this project any specialized training, including safety training, or equipment necessary to perform the assigned duties, including but not limited to certification as a Water Pollution Control Manager, inspection and implementation of Storm Water Pollution Prevention Plans (SWPPP), certification by the American Traffic Safety Services Association (ATSSA) as a Traffic Control Supervisor (TCS), and construction inspection. Personnel provided shall be approved by the DEPARTMENT prior to performance of work on this project.

The SERVICE PROVIDER shall provide its own or lease trucks and cell phones for all personnel who need to perform work outside of the office. Vehicles shall be equipped with high intensity flashing yellow strobe lights.

The SERVICE PROVIDER shall equip Inspectors with an iPad capable of supporting the Mobile Inspector™ software utilized by the DEPARTMENT for documenting field inspection activities.

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):

4LEAF Consulting LLC

5. Corporate/Business Entity Street Address:

Street Address: 125 E Reno Ave., Suite 3	Website: www.4leafinc.com
City, State and Zip Code: Las Vegas, NV 89119	Point of Contact Name: Michael Leeper
Telephone and Fax No. (702) 726-4140 phone (702) 726-4143 fax	Email: mleeper@4leafinc.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)
Kevin Duggan	President of 4LEAF, Inc. (parent)	10%
Patrick Greenan	Owner of 4LEAF, Inc. (parent)	85%

*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

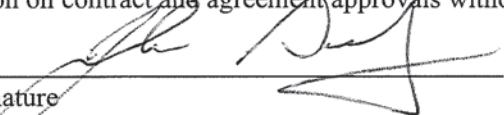
2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

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
 General Counsel of 4LEAF, Inc.
 Title

John Dooling
 Print Name
 4/6/2021
 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

243-20-056
For Agreement Services Only

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): 74306

Type of Services: Architectural Services for the Searchlight Maintenance Station

Originated by: Robert Nicholas Division: Maint/Asset Mgmt Date Originated: 06/05/2020

Division Head/District Engineer: Anita Bush

Budget Category #: 466006 Object #: 814M Organization #: C056

Type of Funding: State % of Fund: 100 State Fiscal Year(s): 21/22

Amendment Estimated Cost:

Total Agreement Estimated Cost: \$1,502,535.00

Funding Notes: The funding is estimated to be spent as follows: 3% in FY 2021, 13% in FY 2022, and the balance of funds to be expended in the following biennium. The design services for the proposed Searchlight Maintenance Station Renovation was approved by the 2019 Legislature.

Financial Management:

DocuSigned by:
Donna Spelts 06/08/2020
8ABCf3985622490... _____
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 Meeker 06/08/2020
9E9F10973C1B46E... _____
Signature Date

Director:

DocuSigned by:
Kristina Swallow 06/08/2020
C4B612FC2C1E4FB... _____
Signature Date

**STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION**

For Agreement Services Only
243-20-056

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:

The Searchlight Maintenance Station is located at the intersection of SR 164 and I-95 in Searchlight, Nevada. The Maintenance Station was constructed in 1945, and has the oldest buildings in District One. The facilities on the station have far exceeded their useful life. The administration building is a converted residence and the maintenance facility is undersized to the point that the majority of the assigned vehicles cannot fit inside. The new facility will resolve current constraints while enhancing the effectiveness of the station. The renovation of the Searchlight Maintenance Station is needed, and the Architecture Section requests approval for an RFP Solicitation for design services.

Scope of Services:

The scope of services includes, but is not limited to, providing full architectural and engineering services for the renovation of the Searchlight Maintenance Station. The requested A/E services for site development include: surface grading, drainage, driveway access and parking to fully develop the 2 acre site. Utility connections (water, gas, electric and telephone), site fire protection, and a septic system would also be provided. The three obsolete buildings, (Equipment Maintenance Building, Administration Building, and the Vehicle Storage Facility), will be demolished and replaced with a single, 7,710 SF, maintenance building. The sand and salt will be housed in a new Sprung structure as per Stormwater’s Best Management Practices. Regrade and repave the yard to control the storm runoff.



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

MEMORANDUM

April 6, 2021

TO: Jenica Keller, Assistant Director

FROM: Robert Nicholas, Project Manager DS
RN

SUBJECT: Negotiation Summary for RFP 243-20-056, Architectural Services for the Renovation of the Searchlight Maintenance Station

A negotiation meeting was held by phone, and electronic emails exchanged during the month of March, 2021, with Dennis Panars of Knit Architects (SERVICE PROVIDER) and Robert Nicholas of the Nevada Department of Transportation (DEPARTMENT) in attendance.

The DBE goal for this agreement has been established at zero percent (0%).

The duration of this agreement will be for 2 years, ending on December 31, 2022 with an option to extend for two more years.

The budgeted amount of this Agreement is comprised of one hundred percent (100%) State Funding.

The Scope of Services was reaffirmed by both parties at the outset:

See Attachment A – Scope of Services.

Key personnel dedicated to this project are as follows:

Name	Title	Estimated Number of Hours
Dennis Panars	Principal	490
	Total Hours:	490

There are no sub-consultants being utilized on this Project.

The negotiations yielded the following:

1. The total negotiated cost for this Agreement is \$1,274,923.84.
2. The SERVICE PROVIDER agreed to accomplish the Scope of Services at the Process supplied in Proposal 243-20-056. Payment will be made for each unit of work based on the cost shown in the on the Basic Services Fee Schedule Breakdown in the Scope of Services.

Reviewed and Approved:

DocuSigned by:
Jenica Keller 04/06/2021
D:\A018F20D68447...
Assistant Director

Attachment A Scope of Services

1. GENERAL DESCRIPTION OF SERVICES

- a. Provide full Architectural and Engineering (A/E) design services for the project:
- b. Provide a complete set of construction documents for the renovation of the NDOT Maintenance Station in Searchlight, Nevada.
 - i. The requested A/E services for Site development and new construction include:
 - ii. Site Development – Demolition, surface grading, drainage, driveway access and parking for approximately 82,000 square feet of the 2-acre site. Utility connections (water, electric and telephone), site fire protection, septic and underground infiltration systems would also be provided.
 - iii. New Construction – Construct a new 7710 square foot maintenance facility.

2. SPECIFIC DESIGN REQUIREMENTS

a. SECTION 1 – DESIGN OBJECTIVES

i. Facility Goals

1. The main goal of the NDOT design and construction process is to provide a complete and usable facility that satisfies NDOT's requirements with architecturally pleasing, yet fiscally responsible construction.
2. Facility designs shall avoid the appearance of waste or excessive cost. Architectural style and detail shall be based on sound facility design principles, while maximizing flexibility to meet future mission needs.
3. Facility designs shall comply with the current State Public Works Division adopted codes and, and shall provide a low life cycle cost, energy efficient facility, that requires minimal amount of maintenance.

- b. **Project Scope** The project scope is defined as the maximum gross square footage for the structures and will be measured from the outside of exterior walls. The square footage does not include covered parking. The maximum square footage is defined in the Space Criteria Attachments. The project scope will not be exceeded without approval from the DEPARTMENT.

c. **Project Cost**

- i. **Maximum Construction Cost Limitation (MCC.)** The MCC is defined as the set dollar limitation that the project bid/offer price shall not exceed. The MCC will be provided to the A-E at the initiation of design services. The A-E is required to design the project, including all structures and site work so that the project may be constructed within the established MCC dollar limitation. This amount does not include any allowance for change orders or contract modifications. The A-E is responsible to deliver a design that does not exceed the MCC in accordance as per requirements.
- ii. The A-E shall be required to show at each design submittal stage, that the facility as designed can be constructed within the MCC limit for the project. In the event that the A-E finds the MCC to be insufficient the A-E shall immediately notify the DEPARTMENT and present those areas where cost reduction can be made without adversely affecting the facility requirements. In no instance shall the A-E develop a design that is less than the project's authorized scope due to cost considerations without written authorization from the DEPARTMENT.

d. Design Work

- i. Design work under this project includes, but is not limited to:
 1. Design of the renovation of the Searchlight maintenance station.
 2. Provide written peer review, plan check comments and back checking of corrections.

3. The Principal Architect shall take overall responsibility for the quality and delivery of the Scope of Services. Under the team leadership of the Principal Architect the following professional consultant areas of expertise are to be provided as part of the agreement:
 - a. Civil Engineering
 - b. Structural Engineering
 - c. Mechanical Engineering
 - d. Electrical Engineering
 - e. Geotechnical Engineering (practiced by Civil or Geological Engineers)
 - f. Environmental Engineer (practiced by Civil Engineers)
 - g. Landscape Architect
- ii. The Principal Architect shall take overall responsibility for the quality and delivery of the Scope of Services. General design services and facility assessment to be provided under the team leadership of the Principal Architect as part of the agreement are as follows:
 1. Industrial Hygiene
 2. Asbestos assessment and asbestos remediation planning
 3. Hazardous Materials assessment and remediation planning
 4. Utility design and Permitting
 5. Estimation of construction cost for designs by Service Provider
- f. Project Coordination
 - i. The Service Provider shall be responsible for the coordination and preparation of forms, ascertaining all utility company connection, and interacting with other involved entities including, but not limited to the following:
 1. State Public Works Division (SPWD), State of Nevada
 2. State Fire Marshal's Office (SFM), State of Nevada
 3. Nevada Business and Industry (NBI), Mechanical Compliance Section
 4. Nevada Division of Environmental Protection (NDEP)
 5. Nevada Division of Health and Human Services (DHHS)
 6. Nevada Health Services Division (NHSD)
 7. Nevada Division of Water Resources (NDWR)
 8. Planning Departments of Municipalities, Cities, and Tahoe Regional Planning Agency (TRPA)
 9. Utility Providers including gas, water, electricity, sanitary sewer, storm water drains, tele-communication, optical fiber cable, and other entities are needed for project goals to be achieved
 10. Environmental Protection Agency (EPA)
 11. Nevada Department of Conservation and Natural Resources (NDCNR), including State Historic Preservation Officer (SHPO)
 12. Manufactured Housing Division (MHD)
 - g. The DEPARTMENT shall be responsible to pay for connection and/or permit fees for the projects, except as where specifically called out in this Attachment A Scope of Services.
 - h. The Service Provider shall be required to provide additional Project coordination including, but not limited to the following:

- iii. Project meetings as needed with DEPARTMENT's Architecture Section for the schematic, design development, and construction document phases. Also, meetings for plan review and bid documents as needed.
 - iv. Coordinate with the DEPARTMENT in the preparation of Supplemental Notices. Information for Supplemental Notices shall be provided to the DEPARTMENT for review not less than one (1) week prior to the bid opening date.
 - v. Attend the pre-bid conference(s), if applicable, and the bid opening.
3. Full Construction Administration (C/A) services
- a. Submittal Review
 - b. Review all Operating & Maintenance Manuals with the DEPARTMENT prior to approval.
 - c. Compile and draft As-built drawing documentation from information provided by the contractor.
4. PROJECT REQUIREMENTS: The design scope of work for this Project will be phased as follows, with signoffs from appropriate DEPARTMENT Assistant Directors or the Director:
- a. Initial Schematic Phase During Initial Schematic Design, the A-E shall initiate the following services as may be required to further develop the conceptual design and in support of the Final Schematic Design and the Final Design services:
 - i. Parcel Boundary Survey
 - ii. Soil percolation test
 - iii. Topographic surveys
 - iv. Aerial surveys
 - v. Utility services, including hydrant flow tests
 - vi. Soil borings, test reports and analysis
 - vii. Environmental analysis
 - viii. Provide a cost estimate and timeline for NDEP and NDWR permits.
 - ix. Provide an estimate and timeline for gas and electrical permits.
 - b. Initial Schematic Design Meeting: The A-E shall develop the project concept proposals as required below. The A-E shall then meet with the DEPARTMENT for the purpose of selecting from several conceptual schemes, a single scheme to investigate further.
 - i. Provide a minimum of three single line site sketches (as site allows – 1 primary and 2 alternates, may be free hand) to scale. Site sketches will be based on the A-E's site analysis, and shall indicate, as a minimum, contours, prevailing winds, pedestrian and vehicular circulation, facility layout and orientation, on site disposal system, relationship to adjacent facilities, and all other setback or clearance requirements affecting the facility. One site sketch shall accompany each of the floor plan sketches referenced in Para. C.2.b. The site sketch shall be shown over existing topographic map if locally available.
 - ii. Provide a minimum of three single line floor plan sketches (as program allows – 1 primary and 2 alternates, may be free hand) drawn to scale reflecting the spatial relationships as required. Indicate on each sketch each floor space name, net area provided in each floor space, approximate dimensions of each floor space, and indicate the gross building area (not to exceed the project scope). Show vehicle circulation from vehicle bays.
 - iii. Provide a building section based on the proposed primary site plan and floor plan.
 - iv. Provide a narrative description of each of the proposed building systems to include the following:
 - 1. Building Shell

2. Building Structure
 3. Sitework and Paving
 4. HVAC
 5. Utilities
 6. Storm Water
 7. General Issues
- v. Provide parcel boundary survey
 - vi. Provide a construction cost estimate showing details and subtotals for each major element shown above and a grand total for the project. No information pertaining to all such estimates shall be disclosed by the A-E, their associates, subcontractors, or any of their employees. This applies to all estimateds developed through the design process.
- c. Final Schematic Phase
- i. Final Schematic Design documents are designed to approximately 35% complete. Schematic design documents shall include drawings, outline specifications and cost estimates developed in sufficient detail to indicate the exterior design of the Project, the functional relationships of all interior areas, the relationship of the Project to the site and other existing buildings, the materials to be used in construction, and the types of mechanical, electrical, and structural systems. The cost estimate shall be itemized to include all major categories of the Work.
 - ii. Architectural design services during the Schematic Design Phase shall respond to program requirements and consist of
 1. Site plans shall indicate as a minimum, the building orientation, on site disposal system, pavements, vehicle turning radii, landscaping, utility runs, contours and parking.
 2. Floor plans shall indicate, as a minimum, layout of rooms, space dimensions, door and window locations, user equipment and fixed equipment (i.e. toilets, lavatories, vehicle lifts, etc.).
 3. Building sections and elevations.
 4. Wall and roof systems.
 5. Development of dimensions, areas, and volumes.
 6. Perspective sketches, if required.
 7. Preliminary exiting plan and code analysis (Basis of Design).
 8. Provide soil boring logs, analyses and test reports, and the results of any other surveys or investigations.
 9. Provide percolation test results.
 10. Provide a complete design analysis of all required fire systems (detection and suppression).
 11. Report on any permit applications that should be filed for the project to be in compliance with any federal, state and local requirement for the management of air, water and waste.
 12. Structural design services during the Schematic Design Phase shall consist of recommendations regarding basic structural materials and systems, preliminary analysis, establishment of design criteria and loads, and development of conceptual design solutions for:

13. Mechanical design services during the Schematic Design Phase shall consist of consideration of alternate materials, systems and equipment and development of conceptual design solutions for:
 - a. HVAC Systems
 - b. Large Vehicle Wash Systems
 - c. Vehicle Lifts
14. Electrical design services during the Schematic Design Phase shall consist of recommendations regarding basic electrical materials, systems and equipment, analysis, and development of conceptual design solutions for:
 - a. Power service and distribution.
 - b. Interior and exterior lighting
 - c. Communications
 - d. Future photovoltaic systems
 - e. Security Systems
 - f. Emergency Power
15. Civil design and Landscape Architecture services during the Schematic Design Phase shall consist of consideration of:
 - a. On Site Disposal System
 - b. Stormwater drainage systems
 - c. Site grading and paving
 - d. Parking
 - e. Vehicle Circulation
 - f. Site security
 - g. Sprung facility AC pad
 - h. Sand salt mixing pad
 - i. Vactor Area
16. Outline specifications shall consist of:
 - a. Identification of potential architectural materials, systems and equipment, and their criteria and quality standards.
 - b. Similar documentation for all other disciplines.
17. Construction cost estimate services during the Schematic Design Phase shall consist of development of a probable construction cost for the Project based on the most recent schematic design studies.
18. Provide a complete design analysis of all required fire systems (detection and suppression). Verify hydrant fire flow capacities in the vicinity of the project site.
19. Summarize and provide the selected building features, components and systems to include the following:
 - a. Site plan sketch
 - b. Floor Plan sketch
 - c. Fire system analysis
 - d. Building elevations
 - e. Site Utilities
 - f. Provide an updated design schedule through the Design Development and Final Design phase(s).
 - g. Provide a construction phasing plans that addresses:
 - i. Administrative Space Requirements

- ii. Vehicle parking
- iii. Vehicle maintenance
- iv. Fueling operations

d. Initial Design Phase

- i. Based on the approved Schematic Design the A-E shall develop documents as required below. The A-E shall meet with the DEPARTMENT to conduct an "on-board" progress meeting at approximately the midpoint of design services. For this meeting the A-E shall provide the following elements.
 - 1. Develop and provide complete edited draft technical division specifications in a standard commercial format bound in a separate book and in MS Word format on a CD.
 - 2. Develop and provide a detailed construction cost estimate using unit prices and quantities for all materials and labor for the project
 - 3. Develop and furnish all drawings in 65 percent (65%) detail for all disciplines of work. The A-E shall provide drawings which are created using AutoCAD (computer aided design and drafting) in most current version.
 - 4. Present for the DEPARTMENT's signature, completed permit applications required for the project to be in compliance with applicable federal, state and local air, water and waste requirements.

e. Prefinal Design Phase

- i. The Prefinal Phase is the final opportunity for the DEPARTMENT to review the construction documents. The documents shall be complete and not stamped. The A-E shall submit the required items listed below:
 - 1. Provide a separately bound set of all engineering design calculations and analyses for each discipline
 - 2. Provide detailed working drawings, 100% complete in all disciplines of work.
 - 3. Specifications:
 - a. Provide final specifications from division 2 forward in Word format.
 - b. Provide a Table of Contents in Word format as a separate file.
 - c. NDOT will provide Divisions 0 and 1.
 - d. NDOT will compile the complete project specification, consisting of the Table of Contents, Division 0, Division 1 and Division 2 forward.
 - 4. Permits
 - a. Provide a cost estimate and timeline for NDEP and NDWR permits.
 - b. Provide an estimate and timeline for gas and electrical permits.
- ii. Required Documents for Prefinal Design
 - 1. Architectural Design during the Prefinal Phase shall consist of final development and expansion of architectural schematic design documents to establish the final scope, relationships, forms, size and appearance of the Project through:
 - a. Site plan and building floor plans
 - b. Building sections and elevations
 - c. Typical construction details
 - d. Final materials selections
 - e. Equipment layouts
 - f. Identification and resolution of all code issues
 - g. Exiting plan and code analysis (Basis of Design)

2. ComCheck Compliance
3. Structural Design services during the Prefinal Phase shall consist of final development of the selected structural system, abbreviated specifications and schematic design documents in enough detail to establish:
 - a. Basic building structural system and dimensions
 - b. Foundation plan
 - c. Preliminary sizing of major structural components
 - d. Critical coordination clearances
 - e. Floor and roof framing plans
 - f. Major building sections/elevations
 - g. Sander Rack structural system Note that the sander racks will be designed under a separate agreement and incorporated by reference.
4. Mechanical Design services during Prefinal Design shall consist of final development of the mechanical systems and equipment and development of design solutions for:
 - a. HVAC Systems
 - b. Fire protection
 - c. Vehicle Wash System
5. Electrical Design services during the Prefinal design Phase shall consist of continued development of electrical schematic design documents and development of abbreviated specifications to establish:
 - a. Commercial and emergency power
 - b. Interior and exterior lighting
 - c. Sizes and capacities of major components
 - d. Equipment layouts
 - e. Required space for equipment
 - f. C-Cure security infrastructure for cameras and access
6. Civil Design services during the Prefinal Phase shall consist of final development of civil Schematic Design documents and development of abbreviated specifications to establish:
 - a. On-site utility systems
 - b. On site disposal system (Septic)
 - c. Off-site utility work
 - d. Grading and drainage systems
 - e. Utility connections and layout
 - f. Concrete, A/C, curb, gutter, sidewalk and striping
 - g. Building pad for 4250 SF Spring Structure
 - h. Geotechnical Reports
 - i. Boundary Survey
7. Cost Estimate The Prefinal Phase construction cost estimate shall be a detailed line item estimate thoroughly broken down to include estimated quantities for all major items of work. The construction cost estimate shall use unit process and quantities for all materials and labor for the project. The major categories of the estimate shall be formatted to include all the 49 Master Specification Divisions. Each consultant shall prepare and submit to the SERVICE PROVIDER a cost estimate covering his portions of the work.

8. Construction Schedule

- a. Include a requirement in the General Provisions of the specifications for a contractor-prepared and contractor maintained critical path method (CPM) construction schedule using the arrow diagramming method.
- b. Construction schedule shall show the phasing requirements for NDOT's personnel and vehicles.

f. Construction Phase

- i. From the approved Prefinal Design Phase documents, prepare and satisfactorily complete within the time allowed, six (6) full size sets, (100% complete and stamped) Construction Phase documents for approval by the DEPARTMENT, State Fire Marshall, and State Public Works Board. Thoroughly check and coordinate all drawings and specifications prior to submitting them to the DEPARTMENT.
- ii. The SERVICE PROVIDER will ensure that all Specifications adhere to the Master List of Numbers and Titles for the Construction Industry as published by Master Format 2014 Update, Copyright CSI Alexandria, VA. The SERVICE PROVIDER will use Arial font 9 with the margins and the outline shown in Attachment D – Specification Document Requirements. The SERVICE PROVIDER will make corrections to Specification document formatting when directed by the DEPARTMENT and coordinate any said corrections with all sub-consultants until all formatting requirements are satisfied. Thoroughly check and coordinate all drawings and specifications prior to submitting them to the DEPARTMENT.
- iii. Revise the construction documents in coordination with SPWD review until the permit for construction is obtained.
- iv. Prior to submission of the bid documents, the SERVICE PROVIDER shall provide all utility company connection and/or permit fees, including fees to be charged by the utility company for work to be performed by the utility company.
- v. Specification Document Requirements
 1. The proposers will be prepared to ensure the following during project development:
 - a. Specifications will adhere to the Master List of Numbers and Titles for the Construction Industry As published by Master Format 2014 Update, Copyright CSI Alexandria, VA.
 - b. Specifications will be developed in Arial font 9 and with the margins and outline and format shown in Attachment D – Specification Document Requirements
 - c. Plan Checking and Approvals –
 - i. The Service Provider shall provide five printed sets of the bid documents to include the drawings, specifications.
 - ii. The documents shall be stamped and signed per NRS 623 and 625 respectively for review by designated plan checkers.
 - iii. Construction documents shall be one hundred percent (100%) complete, including all interdisciplinary coordination. Structural, mechanical and electrical calculations shall be bound and indexed. Computer calculations shall include both input and output and shall be clearly correlated to the construction documents.

- d. Provide written responses to all plan check comments within thirty (30) calendar days of receipt thereof.
- e. Incorporate appropriate solutions to all plan check into the construction documents and revise the construction cost estimate accordingly.
- f. Permit and plan review fees will be paid by the DEPARTMENT.
- g. The Service Provider shall obtain written approval of the construction documents from the following State agencies:
 - i. Department of Transportation
 - ii. State Fire Marshall Office
 - iii. State Public Works Board
 - iv. Nevada Business and Industry, Mechanical Compliance Section.
- vi. The SERVICE PROVIDER shall meet with the DEPARTMENT to present and review the construction documents after all plan check comments have been addressed and have been incorporated into the construction documents. The meeting location shall be as directed by the DEPARTMENT. Documents to be presented and reviewed at this meeting shall include Supplemental General Conditions. Approval of the construction documents submittal shall be obtained before payment may be issued and before proceeding with the printing of the bid documents.
 - 1. Submit one (1) set of final, stamped, full sized plans to the DEPARTMENT.
 - 2. Submit one (1) set of final, non- stamped 11x17 plans to the DEPARTMENT.
 - 3. Provide the plans in electronic format both .dwg and .pdf to the DEPARTMENT.
- g. Bidding Phase
 - i. From approved construction documents, the Service Provider shall prepare and satisfactorily complete the bid documents within the time allowed.
 - ii. No Supplemental Notice shall be issued less than one (1) week before the bid opening time established in the Notice to Contractors.
 - iii. The DEPARTMENT will assemble, print and bind the required number of sets of bid documents, and shall distribute the sets as required.
 - iv. Attend the bid opening and any pre-bid conferences.
 - v. Bids in Excess of the Cost Estimate:
 - 1. If the low bid received exceeds the Engineer's Opinion of Probable Cost of Construction by more than seven percent (7%), revise all bid documents and furnish new bid documents to the DEPARTMENT at no increase in fee and repeat all requirements of this Section.
- h. Construction Administration Phase
 - i. The Construction Administration Phase shall commence with the issuance of the Notice to Proceed and terminate one (1) year after the effective date of when the DEPARTMENT issues the Certificate of Substantial Completion.
 - ii. The Service Provider shall provide technical assistance to DEPARTMENT personnel.
 - iii. The Service Provider shall attend the preconstruction conference and prepare and submit a list of significant issues to be addressed at the preconstruction conference.
 - iv. Site Visits
 - 1. The Service Provider and its subcontractors shall make regular visits to the site to familiarize themselves with the progress and quality of the Work and to determine if the Work is proceeding in accordance with the Contract Documents.

2. The Service Provider shall visit the site at least once per month, and not less than three (3) visits per Project site.
 3. The Service Provider shall prepare and submit a written report describing their observations during each site visit.
 4. Site visits shall be coordinated with the DEPARTMENT's assigned Inspector.
- v. Interpretations
1. As requested by the DEPARTMENT, the Service Provider will interpret the Drawings and Specifications.
 2. The Service Provider shall, within ten (10) working days, render such written interpretations as may be necessary for proper execution of the Work.
 3. All interpretations and decisions by the Service Provider shall be consistent with the intent of the Contract Documents.
- vi. Permits - The Service Provider shall coordinate the preparation and payment of NDEP permits, NDWR permits, gas permits and NV Energy permits.
- vii. Change Orders –
1. The Service Provider shall coordinate the preparation of Change Orders and shall prepare Construction Change Directives for review and approval by the DEPARTMENT.
 2. The Service Provider shall issue no order to contractors that might commit the DEPARTMENT to extra expenses, or otherwise amend the construction contract without first obtaining the approval of the DEPARTMENT.
 3. The Service Provider shall prepare drawings, specifications and other supporting documentation as required to clarify and/or facilitate changes in the work for review and approval by the DEPARTMENT.
 4. The Service Provider shall review and evaluate proposals from the Contractor regarding changes in the Work and submit recommendations to the DEPARTMENT.
- viii. Shop Drawing Review - The Service Provider shall review Shop Drawings and submittals within fourteen (14) calendar days of receipt thereof for conformance with the Contract Documents.
- ix. Contractor's Requests for Payment
1. Based upon site observations and the Contractor's Request for Payment, the DEPARTMENT shall review and evaluate the amounts claimed by the Contractor and the DEPARTMENT's Inspector.
 2. The DEPARTMENT will forward the pay request to the Service Provider for confirmation.
- x. Contractor Claims
1. The Service Provider and the DEPARTMENT shall review and evaluate claims relating to the execution and progress of the Work.
 2. Decisions in matters relating to aesthetic effect shall be consistent with the intent of the Contract Documents.
 3. Decisions regarding performance by the Contractor are subject to approval by the DEPARTMENT.
- xi. As-Built Drawings
1. The Service Provider, and his consultants, shall continually monitor and evaluate the progress and quality of the Contractor's as-built drawings, which shall

indicate the complete Project as constructed, including dimensioned locations and sizes of buried utility lines.

2. At a minimum, the Service Provider and his consultants shall review the as-built drawings every thirty (30) calendar days.

xii. Project Completion and Guarantees

1. The Service Provider shall conduct inspections to determine the date of Substantial Completion and the date of final completion.
2. The Service Provider shall receive and forward to the DEPARTMENT all records, written warranties and related documents required by the Contract Documents.
3. The Service Provider shall verify that all certifications and test reports are included.
4. The Service Provider shall attention to any extended type warranties such as roofs.

xiii. Operating & Maintenance Manuals

1. The Service Provider shall review all O&M manuals provided by the construction contractor for completeness.
2. Verify that parts lists and schedule of recurring maintenance are included.

xiv. Record Drawings

1. Record drawings shall show changes in the work made during construction based on the as-built drawings and other data furnished by the Contractor to the Service Provider, as specified in the Agreement.
2. The drawings shall incorporate all pertinent revisions that may have occurred during construction and shall be properly drawn and noted by the Service Provider or his consultant.
3. Each sheet shall be prominently noted "RECORD DRAWING" and will be signed and dated by the Architect or Engineer of record.
4. Pertinent shop drawings related to the construction of the Project shall be of the same standard size and material and shall be incorporated and cross referenced into the record drawings.
5. The Service Provider shall prepare one (1) set of hard "red line" record drawings.
 - a. Reproducible record drawings shall be full size bond.
 - b. The reproducible shall all be of the same standard size and furnished at no added cost to the DEPARTMENT.
6. The Service Provider shall provide one (1) set of electronic "AUTOCAD" record drawings on a solid-state electronic memory device.
7. The following information shall be recorded on the cover sheet:
 - a. General contractor
 - b. Final contract amount
 - c. Start and completion dates of construction

i. Contract and Construction Closeout Phase

i. Warranty

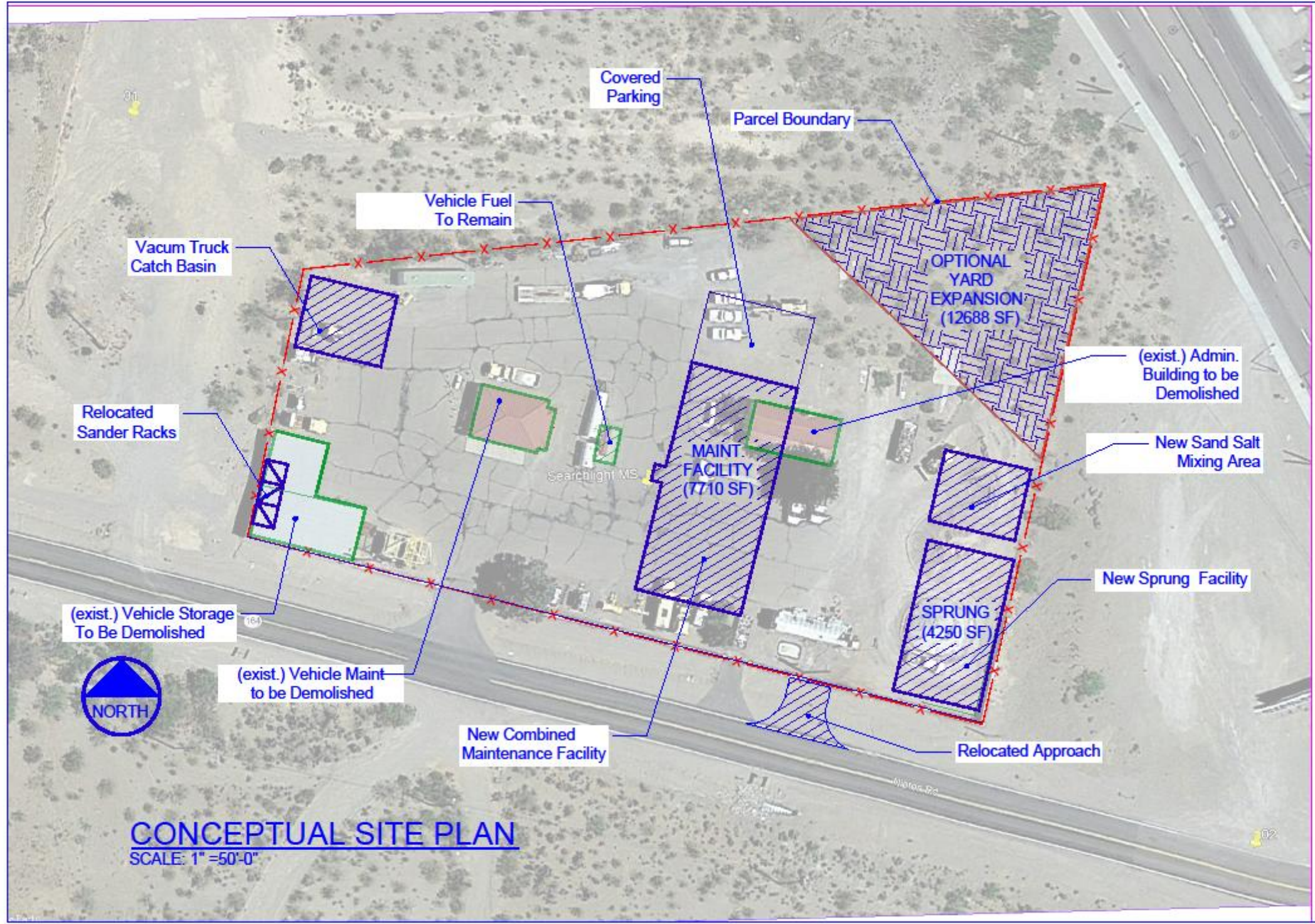
1. The Service Provider and his consultants shall coordinate and attend a nine-month warranty inspection at the Project site.
2. The Service Provider shall provide written opinions or interpretations regarding warranty items for the duration of the warranty period.

5. OWNER RESONSIBILITIES

- a. Existing Drawings
 - i. The DEPARTMENT will provide copies of existing DEPARTMENT drawings previously used that provide examples or standards for specific building elements. The consultant shall use these concepts as the basis for design in close coordination with the DEPARTMENT during the design development phase, however they are not intended to limit or replace the consultant's input or creativity in producing a project of the highest possible character within the budget.
 - ii. A template provided by the Colorado Department of Transportation will be provided.
 - b. Project Manager and Inspector
 - i. The DEPARTMENT shall designate a Project Manager and Inspector authorized to act on the DEPARTMENT's behalf with respect to the Project.
 - ii. The Project Manager and the Inspector shall render decisions in a timely manner pertaining to documents submitted by the Service Provider in order to avoid unreasonable delay in the orderly and sequential progress of the Service Provider's services.
 - c. Advertisement for Bids - The DEPARTMENT will prepare and advertise the Notice to Contractors.
 - d. Construction Inspection - During construction, the DEPARTMENT will provide an Inspector on site to observe the Contractor's work.
 - e. Materials Testing - Unless otherwise agreed, the DEPARTMENT shall furnish the services of a materials testing laboratory when such services are necessary.
6. PERFORMANCE & SUBMITTAL REQUIREMENTS
- a. As part of the Service Provider's services and fee, the following number of complete sets of documents shall be submitted for each phase of work:
 - i. Note that all drawings shall be D size, (24"x36"), unless otherwise directed by the DEPARTMENT
 - ii. Electronic files shall be one each - ACAD format and PDF format.
 - iii. The following submittals will be required of the Service Provider, due by mutually agreeable date established during Agreement process:
 - 1. Initial Schematic Phase – Three (3) sets, plus electronic files.
 - 2. Final Schematic Phase – Three (3) sets, plus electronic files.
 - 3. Initial Design Phase – Three (3) sets, plus electronic files.
 - 4. Final Design Phase – Three (3) sets, plus electronic files.
 - 5. Construction Phase – five (5) sets wet stamped and signed, plus electronic files as per paragraph 4.f.vi above. Bid Document Sets, produced by DEPARTMENT, from signed drawings and specifications provided by SERVICE PROVIDER.
 - b. STANDARDS OF DESIGN - Codes as adopted in the Nevada Revised Statues (NRS), and Nevada Administrative Code (NAC) section 341-045, as applicable on September 1, 2018.
7. APPROVALS REQUIRED BY SERVICE PROVIDER - The DEPARTMENT's Architecture Section, Nevada Department of Transportation Director's Office, State Public Works Division (SPWD), the State Fire Marshall Office, Local Municipal Agencies, and Nevada Department of Business and Industry.
8. CONSTRUCTION BUDGET - An outline of project scope and construction cost budget is produced by the DEPARTMENT at the time a task order is requested. Final definition of project scope is cooperatively developed by the Service Provider and the DEPARTMENT as part of the design phases; and will vary from the initial outlined project scope.

9. SITE DESIGN

- a. The Conceptual Site Plan (shown on next page) incorporates the following building construction elements:
 - i. Vehicle maintenance and administration facility.
 - ii. Existing fueling facility
 - iii. Combined sand / salt storage facility
 - iv. Sand and salt mixing area.
 - v. Spreader rack storage
 - vi. Covered vehicle storage for three vehicles
 - vii. Emergency power
 - viii. Site Security – Fencing, lighting, and access.
 - ix. Vacuum Truck (Vactor) Waste Disposal Basin



ARCHITECTURE SECTION
 1000 N. Mountain View
 Las Vegas, Nevada 89102
 (702) 251-2400

Project Manager: []
 Designer: []
 Checker: []
 Date: []

SEARCHLIGHT MAINT. STATION
 NEEDS ASSESSMENT AND MASTER PLAN
 SR 164, CL. N.P. 18.50
 SEARCHLIGHT, NV, 89125

Sheet Title
 CONCEPTUAL
 SITE PLAN

Sheet Number
C1

10. Maintenance Facility

- a. The Vehicle maintenance and administration facility (VMF) (approximately 7,710 SF) is responsible for the maintenance work associated with the operation of NDOT vehicles. The VMF will also include a wash bay, material storage, crew areas and offices. Provide a shelter-in-place room.
- b. Vehicle Bays
 - i. Provide four (4) 20' x 60' bays. (4800 SF total)
 - ii. Two of the bays will be vehicle maintenance bays with provisions for vehicle lifts.
 1. Provide a 2-post, 18,000-pound vehicle lift
 2. Provide a lift sized for the ten (10) dump truck
 - iii. Two of the bays will be vehicle wash / vehicle storage area.
 - iv. All four bays will have an overhead door at both ends to allow for a vehicle to pull through.
- c. Industrial Space Utilize approximately 1,200 SF for the following:
 - i. Welding area
 - ii. Material storage. Some of the materials will be on pallets.
 - iii. Tool storage.
 - iv. The area may be used at least in part between the maintenance bays.
- d. Administration Space
 - i. Utilize approximately 1,460 square feet for the following areas:
 1. Provide two offices
 2. Provide a break area that includes a sink, microwave, and refrigerator.
 3. Provide a multi-use / training area
 - a. Include whiteboards and hard-wired ceiling mount projectors.
 4. Provide a shower / locker room.
 - a. Utilize motion sensing lighting.
 - b. Provide automatic actuation on sinks and toilets.
 - c. Provide exterior C-Cure access for non-NDOT employees. This is due to DPS officers using the fuel station after hours.
- e. Exterior Finishes
 - i. The exterior will consist of the following:
 1. CMU in various styles
 2. Metal Panel Walls
 3. Window assemblies and storefronts.
 4. Roofs to be sloped metal roofs or low slope PVC. Sloped metal roofs are preferred over low-sloped PVS roofs.
 5. Incorporate accent colors
 6. Provide clerestories as a design feature and to provide natural light.
 7. Provide exterior window shading devices
 8. Provide a secure vestibule where access is available from the street.
- f. Interior Finishes
 - i. Define the acoustical ceiling with an NRC (Noise Reduction Coefficient) of 0.55 or greater.
 - ii. Provide wall assemblies that reduce the transmission of noise. This is especially important around classrooms / training rooms as well as between administrative areas and vehicle maintenance areas.
 - iii. Provide Entry control on exterior man doors with the C-CURE system.
 - iv. Provide long life, easy to maintain finishes.
- g. Roofing Systems
 - i. The primary roofing systems for the project shall be concealed fastener, standing seam sloped metal roofing (SSMR) systems. However, low-slope PVC roofing systems may be used. Design standards for roofing systems are as follows:
 - ii. 20-year warranty for SSMR and PVC roof systems.

- iii. SSMR systems shall include a 20-year warranty against fading, chalking and rusting.
- iv. Antennas and air conditioners shall not be located on roofs.
- v. Provide access to roof areas when equipment must be accessed from the roof.
- vi. Provide walk pads for access.
- vii. SSMR shall be over a fully adhered ice and water shield.
- viii. Comply fully with NRCA criteria for all roofing design and details.
- ix. Provide 100% testing of all low slope roofing for 48 hours.
- h. EMCS - Energy Management and Control Systems
 - i. The system provided shall be a DDC system.
 - ii. Each facility shall have a as a minimum one stand-alone EMCS/DDC control panel and must be UL rated as an assembly.
 - iii. The EMCS shall include integration into other building systems including lighting systems and security systems.
 - iv. The EMCS shall provide HVAC system control.
 - v. The EMCS manufacturer shall design, provide and install a system to monitor and control HVAC systems such as pumps, fans, air conditioning units, boilers, chillers, etc. and monitor all energy usage at each facility.
 - vi. The unit shall send alarms to a central management computer whenever an HVAC system does not respond to a command or exceeds acceptable levels of control.
 - vii. Provide metering at building mains.
 - viii. Provide for training of DDC system operators.
- i. C-CURE - Security and Event Management
 - i. Provide access control of doors and gates.
 - ii. Provide for infrastructure for cameras at locations to include the main vehicle gate, perimeter fencing and entrances to buildings.
 - iii. Integrate security, fire and DDC systems.
 - iv. Provide access control to the vehicle bays doors that is controlled by the C-CURE system.
- j. Plumbing Systems
 - i. Faucets are to have automatic (electronic, hard wired) operated hot and cold-water controls.
 - ii. Water closets and urinals to have automatic (electronic, hard wired) flush valves.
 - iii. Emergency Eye Wash/Showers shall include a floor drain and tempered water supply, with audio/visual alarm.
 - iv. Electric Water coolers shall be stainless steel construction.
 - v. All floor drains shall have trap primers, and the trap primer manifold shall be centrally located within each facility and automatically (timer) actuated.
 - vi. Janitor sinks to be porcelain cast iron with stainless steel rim guards.
 - vii. All sanitary drain, waste and vent piping shall be no-hub cast iron.
- k. Mechanical HVAC Systems
 - i. The air handling units shall be capable of providing 100 percent outside air intake and exhaust for air economizer cycle.
 - ii. The air handling units shall be of modular construction and consist of automatic dampers, mixing plenums, filter section, preheat coil, cooling coil, access panels, reheat coil, supply air fan, return air fan, and relief air fan.
 - iii. All HVAC systems shall have fully ducted supply and return, with appropriate exterior applied thermal insulation.
 - iv. Use Variable Air Volume (VAV) zoned systems with reheat coils at all perimeter areas (or multi-zone systems).
 - v. Each zone shall be controlled with a programable thermostat.
 - vi. The thermostats shall be programmed in such a way as to allow the occupants to control only +/- 5°F of the set temperature.

- vii. The pumping system shall be designed with the use of duplex pumping (primary and standby) for chilled water systems, and three 50% capacity pumps for hot water systems.
- viii. The chilled and heating water piping system shall be four pipe copper design.
- ix. All HVAC and associated equipment shall use DDC control and shall have EMCS interface.
- x. Provide exhaust systems at all toilets, locker rooms, shops, and storage areas with heated make up air.
- xi. Provide localized exhaust and filter system at all welding areas in accordance with code requirements.
 - 1. Describe service type and expected life for each piece of major HVAC equipment.
 - 2. Baseline
 - a. Chillers 20 years
 - b. Boilers 20 Years
- xii. Lighting Systems
 - 1. Lighting shall be used to facilitate the safe movement of pedestrians and vehicles promoting a more secure environment.
 - 2. Fixtures are to be selected that are easily maintained and durable.
 - 3. Parking lot lights are to be 20-feet to 30-feet in height, mounted on 3' high, concrete bases.
 - 4. Pedestrian and building lighting shall be provided in areas with high nighttime activity in order to promote increased safety.
 - 5. Provide site lighting on distributor racks
 - 6. Minimize the different types of lighting fixtures used and standardize them to the greatest extent possible.
 - 7. Provide LED emergency exit lighting (Red), emergency ballasted standard lighting fixtures, with centralized UPS pack in the mechanical room for all building emergency lighting.
 - 8. Utilize photocells, timers and EMCS to control exterior facility and site lighting.
 - 9. Provide motion sensor lighting control at restrooms and locker rooms.

11. Site Utilities

- a. Electrical Power
 - i. Service to each structure shall be underground.
 - ii. Provide emergency power sub-panel, automatic transfer switch (with UPS where specified) and connection to permanent generator for the site.
 - 1. ATS to be monitored by EMCS system.
 - 2. The generator and automatic transfer switch shall be capable of powering the entire maintenance station site.
 - 3. There is an existing 15 kW generator on site fueled by propane.
 - iii. All power conductors are to be copper.
 - iv. Building shall be metered for total use and tied to the EMCS system.
 - v. Provide new electrical service to the site.
 - vi. Coordinate with NV Energy.
 - 1. Describe in a critical path format the steps required for a line extension agreement with NV Energy and the associated permitting costs.
 - vii. Provide UPS as required.
- b. Water System
 - i. Currently there is a municipal water supply to the site .
 - ii. May need to be resized to meet site and fire suppression requirements.
- c. Wastewater System
 - i. The maintenance station utilizes an existing an onsite septic disposal system (OSDS)

- ii. The OSDS needs to be replaced as part of this project.
 - iii. The design engineer would be responsible for procuring the permit for the Onsite Sewage Disposal System (OSDS) as per NAC 445A.9556.
 - 1. Describe in a critical path format of the steps required for permitting an OSDS and the associated permitting costs.
 - iv. The vehicle wash and Vactor effluent could be addressed by underground storage and a wastewater/effluent evaporator.
- d. Stormwater Drainage
- i. The design shall include a hydraulic and hydrological analysis to determine retention and metering.
 - ii. The site will be designed to address the storm runoff:.
 - 1. The NDOT users state there is an existing problem with offsite runoff flowing from off site and through the site.
 - 2. The drainage studies will need to extend beyond the parcel boundaries to intercept the flow and move it around the edges of the parcel.
 - 3. Site improvements will need to be designed with the latest stormwater Best Management Practices to collect route and treat runoff from the developed site prior to any discharge.
 - 4. The storm drainage will be designed for a 100-year event.
 - 5. The design engineer will need an environmental consultant to review the General Permit for Stormwater Discharges from Small Municipal Storm Sewer Systems (Small MS4s) and provide consultation to the hydrologist and civil engineer.
 - 6. The design engineer shall coordinate the permits with NDEP.
 - a. Describe in a critical path format the steps required for permitting stormwater and associated permitting costs
- e. Fire Suppression - Provide a schematic design that outlines the requirements of a fire protection system.
- f. Communications Coordinate with NDOT to provide communications to the site.
12. Site Structures
- a. Fueling Facility – The existing fuel system, tanks and canopy will remain.
 - i. Provide a conduit path for communications between the fuel system and the maintenance facility.
 - ii. Verify vehicle turning radii for commercial refuelers.
 - b. Combined Sand / Salt Storage Facility
 - i. The 4250 SF sand / salt storage facility will be a new Sprung structure on a new PCC slab. Provide a PCC mix able to withstand the effects of the road salt.
 - ii. Verify vehicle turning radii for 20-yard end dumps used to deliver sand and salt.
 - c. Sand and Salt Mixing Area
 - i. The 2000 square foot, PCC slab mixing area is located immediately adjacent to the sand/salt storage area.
 - ii. Provide a PCC mix able to withstand the effects of the road salt.
 - d. Spreader Rack Storage -The spreader racks are currently being designed under a separate contract and will be provided as an addendum to this project.
 - e. Covered Vehicle Storage
 - i. The covered vehicle storage will incorporate enough parking spaces to provide covered storage for three fully dressed snowplows.
 - ii. Provide structural capacity for future PV systems.
 - iii. The storage will include lighting and one power receptacle per vehicle.
 - iv. The proposed site plan has the covered vehicle storage attached to the maintenance facility.
 - v. Detail the structure to minimize the opportunity for birds to roost
 - f. Radio Tower and Footing
 - i. Provide a radio tower and reinforced concrete footing.

- ii. Coordinate with NDOT Traffic Operations to insure proper connectivity to NDOT's system.
- g. Entry Gates
 - i. The main entry gate are important site features which will set the initial image of the maintenance station to the public.
 - ii. Gates will be closed during the day and actuated by an access control system.
 - iii. Gates will be an electronically controlled (C-CURE) cantilevered slide gate.
 - iv. The entry gate will be able to be remotely controlled.
 - v. The entry gate will have an intercom and signage adjacent to the gate.
- h. Perimeter Fencing
 - i. Perimeter fencing shall occur at the perimeter of the maintenance station and will consist of open metal fencing and security chain link mesh.
 - ii. The Open Metal Fencing will be used adjacent to the access road and incorporate CMU columns.
 - iii. Use 8' security chain link mesh fence for the balance of the perimeter.
 - iv. All perimeter fencing shall include Tortoise Fencing as per NDOT's Standard Plans for Road and Bridge Construction.
- i. Vacuum Truck Waste Disposal Basin
 - i. Provide an approximate 40' x 50' decant basin.
 - ii. The basin is used to empty out vacuum trucks.
 - iii. The debris is placed into a dumpster.
- j. Hazardous Material storage tank. There is an 8,000 gallon waste tank that will remain.
- k. Construction Trailer Pads. Provide two (2) PCC pads with one (1) 200 amp 120V electrical service.

ATTACHMENT B- SPECIFICATION DOCUMENT REQUIREMENTS

01 00 00 General Requirements

01 10 00 Summary

01 11 01 General

01 11 01.1 The project is the total construction designed by the Engineer of Record for which the work performed under the Project Documents may be the whole or a part. The project is identified by name and location in the Contract.

Term work includes all plant, labor, materials, equipment, tools, transportation, power, water, permanent and temporary utilities, connections, provisions of safety and all incidental and other things necessary to produce the finished construction required by the Project Documents.

01 11 02 Project Description

01 11 02.1 Insert name of project

Project Location: Department of Transportation.

Owner: Nevada Department of Transportation, 1263 South Stewart Street, Carson City, Nevada

Contract Documents were prepared for the Project by: _Carson City, Nevada

01 14 00 Work Restrictions

01 14 13 Access to Site

01 14 16 Coordination with Occupants

01 14 16.1 The Owner will occupy the site and existing building during construction. Cooperate with the Owner to minimize conflicts and facilitate Owner usage. Do not interfere with the Owner's operations.

01 14 19 Use of Site

01 14 19.1 Limit use of premises to areas indicated. Do not disturb portions of the site beyond the areas indicated.

Allow for Owner occupancy. Demolition and new construction of the ADA compliant walk to parking improvements must be carefully scheduled to minimize closure of the main public entry access to the building. Temporary ramp with railings and landings located on the east side of the Admin Building / NDOT yard shall be included with this project per drawing sheet G102.

Keep driveways and entrances clear. Do not use these areas for parking or material storage. Schedule deliveries to minimize on-site storage of materials and equipment

Use of the Existing Building: Maintain building weather tight. Repair damage caused by construction. Protect the building and its occupants during construction.

01 14 33 Work in Rights-of-Way

01 14 33.1 Laws to be Observed. Any project related use of areas outside of the highway right-of-way are subject to all applicable Federal, State, and local laws, regulations, ordinances, and clearances (including but not limited to environmental and archaeological clearances), as well as the requirements and conditions as specified herein.

01 31 00 Project Management and Coordination

01 31 29 The Contactor

01 31 29.1 The Contractor is the person or organization identified as such in the Contract and is referred to throughout the Project Documents as if singular in number and

masculine in gender. The term Contractor means the Contractor or his authorized representative.

01 31 29.2 The Contractor shall indemnify and hold harmless the Owner and the Architect and their agents and employees from and against all claims, damages, loses and expenses including attorneys' fees arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense:

1. Is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting there from;
 2. Obligations of the Contractor under this paragraph 4.3.5 shall not extend to the liability of the Architect, his agents or employees arising out of:
 - a. The preparation or approval of maps, drawings, opinion, reports, surveys, Change Requests, design or specifications, or
- b. The giving of or the failure to give directions or instructions by the Architect, his agents or employees provided such giving or failure to give is the primary cause of the injury or damage.

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):

Knit

5. Corporate/Business Entity Street Address:

Street Address: 7250 Peak Drive, Ste. 216	Website: knitstudios.com
City, State and Zip Code: Las Vegas NV 89128	Point of Contact Name: Dennis Panars
Telephone and Fax No. 7023632222 P 7023636060 F	Email: Dennisp@knitstudios.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)
John Sawdon	Principal	8.3685%
Curt Carlson	Principal	8.3685%
John Anderson	Principal	8.3685%
Mark McGinty	Principal	8.3685%
Eric Roberts	Principal	4.1842%
Dennis Panars	Principal	0.5021%
Knit Employee Stock Ownership Plan	Trustees: Eric Roberts	61.8397%
	Mark McGinty	
	Dennis Panars	

*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.



Dennis Panars

Signature

Print Name

Principal

03/16/2021

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:

Signature

Print Name

Authorized NDOT Representative

Line Item 3

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

443-20-013 REVISED

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 Revision to Initial Budget Request: Request for Amendment #:

Name of Second Party, if Known:

Agreement Number:

Project ID #(s): 60935, RFP 443-20-013

Type of Services: Biological Consulting

Originated by: Kristi Holcomb

Division: Environmental

Date Originated: 3/11/2021

Division Head/District Engineer: My-Linh Nguyen

Budget Category #: 06

Object #: 814F

Organization #: C013

Type of Funding: Federal/State

% of Fund: 95

State Fiscal Year(s): 2021, 2022

Amendment Estimated Cost:

Total Agreement Estimated Cost: \$988,461.15

Funding Notes: Purpose of amendment is to change funding from 100% state to 95% federal/5% state for RFP 443-20-013.
95% of budget is Federal (\$36,586,875 from EA#60935), 5% of budget is state

Financial Management:

Kristen Greenhut

3/19/2021

Approved by

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

3/19/2021

Approved by

Date

Director:

Kristina Swallow

3/19/2021

Approved by

Date

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

For Agreement Services Only
443-20-013 REVISED

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 purpose for this amendment is change funding from 100% state to 95% federal/5% state. The purpose of this project is to hire a biological consultant to oversee project 60935. Due to the federal oversight of being on Interstate 15, project 60935 requires biological monitoring and other mitigation measures for the federally threatened Mojave desert tortoise. In addition, state protected birds and plants require surveys and construction monitoring. NDOT Environmental staff is not available to conduct the biological monitoring due to other project commitments such as reviewing future projects, conducting biological surveys, and managing biological consultants on projects. NDOT Environmental created a detailed budget based on project requirements and consultant duties. Differences in requirements for the desert tortoise active and less-active season were taken into consideration to derive the dollar amount requested.

Scope of Services:

See attached.



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

MEMORANDUM

April 7, 2021

TO: Darin Tedford, Assistant Director

FROM: Kristi Holcomb, Project Manager

SUBJECT: Negotiation Summary for RFP 443-20-013 Biological Monitoring of I-15 Logandale to Mesquite

A negotiation meeting was held via teleconference on March 31, 2021, with Alana Wise of Bio Logical Consulting (SERVICE PROVIDER), and Kristi Holcomb and Julie Ervin-Holoubek of the Nevada Department of Transportation (DEPARTMENT) in attendance.

The DBE goal for this agreement has been established at six and one-half percent (6.5%).

The duration of this agreement will be for 1 year, ending on 6/30/22.

The budgeted amount of this Agreement is comprised of 95% Federal / 5% State Funding.

The Scope of Services was reaffirmed by both parties at the outset:

See attached SCOPE OF SERVICES.

The following schedule was agreed to by both parties:

Date	Task to be Completed
6/30/22	Project Preparation and Prepare Biological Monitoring Plan
6/30/22	Worker Education Program
6/30/22	Rare Plant Surveys
6/30/22	Clearance Survey of New Fence Line
6/30/22	Monitor Desert Tortoise Fence Construction
6/30/22	Inspect Tortoise Fence and Monitor Repairs
6/30/22	Desert Tortoise Clearance Surveys of Project Work Areas
6/30/22	Biological Clearance of Staging Areas
6/30/22	Migratory Bird Nesting Surveys
6/30/22	Inventory and Flag Cacti/Yucca
6/30/22	Biological Monitoring of Construction Activities
6/30/22	Reporting and Documentation
6/30/22	Attend Meetings
6/30/22	Delineate Work Limits and Disturbance

Key personnel dedicated to this project are as follows:

Name	Title	Estimated Number of Hours
James Brinson	Project Manager	216
Unknown	Authorized Biologist	1,815.50
Unknown	Biological Monitor	5,031
	Total Hours:	7,062.5

The total working days for this Project is 120.

There are no sub-consultants being utilized on this Project.

The DEPARTMENT's original estimate was \$988,461.15,

The SERVICE PROVIDER's original estimate was \$545,865.00, but failed to account for some project activities, underestimated man-hours for certain requirements, and failed to include a contingency reserve.

The negotiations yielded the following:

1. The direct expenses agreed to total \$109,061.10 for sub-consultants, reproduction, communication, travel and per diem. There will be no direct compensation for computer time.
2. The total projected man-hours allocated for this project is 7,062.
3. The negotiated project subtotal is \$710,366.89. A 20% contingency reserve of \$142,073.38 is added to the subtotal to come to the total negotiated cost for this Agreement.
4. The total negotiated cost for this Agreement is \$852,440.27. This is higher than the SERVICE PROVIDER's original estimate because it was adjusted to include the missing items listed above.

Reviewed and Approved:

DocuSigned by:

 59E62CD438AD46A

 Assistant Director

Attachment A

Scope of Services

Biological Monitoring for the I-15 Logandale to Mesquite, NV MP 95.7 to MP 118.4 Project

The following requirements are being requested for the I-15 Logandale to Mesquite, NV MP 95.7 to MP 118.4 project, (the project) in compliance with the following: Federal Highway Administration (FHWA)/Nevada Department of Transportation (NDOT) Programmatic Biological Opinion File No. 94320-2010-F-0285.R001 (PBO) and project-specific Biological Opinion (BO) for the threatened desert tortoise; informal consultation for the endangered Virgin River chub; and Nevada state laws for the banded Gila monster, migratory birds, and critically endangered threecorner milkvetch and sticky buckwheat.

Personnel requirements

This project will require the services of an Authorized Biologist and a primary Biological Monitor. Up to four additional Biological Monitors may be required for surveys and fence inspections.

Timeline of project schedule

The construction schedule is anticipated to commence in March/ April 2021 and be completed between January/February 2022 (approximately 200 working days). The PBO defines the desert tortoise active season as March 16-May 31, and September 1-October 31.

Requirement 1. Project Preparation and Prepare Biological Monitoring Plan

A comprehensive Biological Monitoring Plan will be prepared and submitted to the NDOT ES Biologist/Project Manager for approval before the onset of construction activities. The Plan will include a project description, a summary of all monitoring requirements, a summary of biological resources in the project area, a desert tortoise relocation plan, contact information for key personnel, survey requirements, and reporting and documentation requirements. The NDOT Environmental Services Project Manager and the NDOT Resident Engineer will receive a copy of the final monitoring plan.

The Authorized Biologist and primary Biological Monitor will prepare for the project by reviewing and becoming familiar with the Biological Monitoring Plan, the Biological Opinion, the construction plans, and the Special Provisions.

Requirement 2. Worker education program

A worker education program (program) is to be presented by an ADTB or a biological monitor to all on-site personnel (foremen, workers, permittees, and other employees or participants) involved in the project. The program will be presented at the beginning of the project and then provided on an as-needed basis during monitoring or site inspections for the duration of the project, or on an on-call basis with at least 48 hours' notice. The program will consist of a presentation on the desert tortoise, federally

endangered fish species, nesting birds, Nevada state critically endangered plant species, and cacti/yuccas.

For the desert tortoise and the endangered fish species, the program will include information on the life history, legal protection, definitions of “take”, penalties for violations of Federal and State Laws, general activity patterns (mainly for desert tortoise), reporting requirements, and project specific measures to protect the species including all terms and conditions of the PBO. For nesting migratory birds, Nevada state critically endangered plant species, and cacti/yucca, the program will include identification, legal protection, project specific requirements, and locations.

The ADTB and/or the biological monitor on the project will be responsible for maintaining an accurate log of personnel trained and a sign in sheet will be completed for each program performed. Sign in sheets are to be attached to the daily biological report.

Requirement 3. Rare plant surveys

A qualified biologist shall conduct a rare plant survey for threecorner milkvetch, sticky buckwheat, and other protected flora species in the 6 pre-determined potential habitat areas (5.52 ac, 2.61 ac, 11.87 ac, 33.64 ac, 72.46 ac, and 7.9 ac; a total of 134 acres) (1) prior to the start of any construction activity, and (2) again within seven days prior to any ground and/or vegetative disturbance/removal. Rare plant surveys will be scheduled every seven days if the ground disturbance is on-going. Individual plants and/or populations will be flagged, inventoried, their location recorded with a hand-held GPS unit, and reported to the NDOT Resident Engineer and the NDOT Environmental Services Project Manager verbally and in writing on the daily biological report.

The project’s primary contractor is required to construct high visibility fencing around threecorner milkvetch and sticky buckwheat populations and this activity will be monitored by a biologist.

Requirement 4. Clearance survey of new fence line

An initial desert tortoise clearance survey of the fence line in advance of the construction of a new desert tortoise fence (up to 14.3 miles) will be performed by an ATDB and is to be implemented according to current U.S Fish and Wildlife Service protocol. During the active season, clearance surveys will be conducted either the day prior to, or the day of, any ground and/or vegetative disturbance/removal. During the less-active season, desert tortoise clearance surveys will be conducted within seven days prior to any ground and vegetative disturbance and will be scheduled every seven days if the ground disturbance is on-going.

Requirement 5. Monitor desert tortoise fence construction

An authorized biologist is required to be on site during daylight hours (and within one hour of sunrise/sunset) for the construction of new desert tortoise fence (up to 14.3 miles). If multiple areas of desert tortoise fencing are to be constructed at the same time, biological monitors may be used to monitor the additional work. Biological monitors must always be within cell-phone range of the ADTB. If cell phone coverage is an issue on the project, have another method of communication available.

If a desert tortoise is encountered in or near a project work area, the ADTB will relocate the desert tortoise as directed by the NDOT Environmental Services Project Manager in coordination with the U.S. Fish and Wildlife Service. The ADTB and the biological monitors are to ensure compliance with the terms and conditions of the PBO and BO and all other project specific measures for biological resources,

ensure that any desert tortoises that wander into the work areas are not inadvertently harmed, and report any project non-compliance issues.

The ADTB and the biological monitors are to be well informed on the project specific requirements for all biological resources, as well as noxious weeds. The ADTB and the biological monitors are to report non-compliance issues in a timely manner to the NDOT Resident Engineer and the NDOT Environmental Services Project Manager verbally and in writing on the daily biological report.

Requirement 6. Inspect tortoise fence and monitor repairs

“Project-related desert tortoise fence” refers to new desert tortoise fence that will be installed (approximately 14.3 miles) and existing desert tortoise fence (approximately 31.1 miles) that will be utilized and maintained (approximately 45.4 miles total). Desert tortoise fence installation and maintenance will be carried out by the project’s primary contractor or subcontractor.

New desert tortoise fence is to be inspected the first week following installation by an ADTB twice per day during the desert tortoise active season or once per day during the desert tortoise less active season; the second week following installation by a biological monitor once per day; and beginning the third week following installation to the end of all construction, by a biological monitor three days per week during the desert tortoise active season and once a month during the desert tortoise less active season.

Existing desert tortoise fence is to be inspected by a biological monitor three days per week during the desert tortoise active season and once a month during the desert tortoise less active season. All project-related desert tortoise fence is to be inspected by a biological monitor immediately following substantial rain events (0.5” or more).

The project-related desert tortoise fence is to be kept to the U.S Fish and Wildlife and the NDOT specifications for the duration of the project; the ADTB and/or the biological monitor are to report any fence deficiencies to the NDOT Resident Engineer and the NDOT Environmental Services Project Manager verbally and in writing on or attached to the daily biological report.

Requirement 7. Desert tortoise clearance surveys of project work areas

Upon completion of the desert tortoise fence construction, a desert tortoise clearance survey implemented according to the current U.S. Fish and Wildlife Service survey protocol and guidelines and led by an Authorized Desert Tortoise Biologist (ADTB), will be required of the fenced project area. The clearance survey will be conducted of portions of the project with tortoise fencing (approximately 1101 acres).

All work areas off pavement and outside of tortoise fence will require desert tortoise clearance surveys led by an ADTB and are to be implemented according to the current U.S. Fish and Wildlife Service survey protocol and guidelines. During the active season, clearance surveys will be conducted either the day prior to, or the day of, any ground and/or vegetation disturbance/removal. During the less-active season, desert tortoise clearance surveys will be conducted within seven days prior to any ground and vegetation disturbance and will be scheduled every seven days if the ground disturbance is on-going.

All live desert tortoises found within the project work sites will be removed and relocated as directed by the NDOT Environmental Services Project Manager in coordination with the U.S. Fish and Wildlife Service.

All desert tortoises and their sign will be reported to the NDOT Resident Engineer and the NDOT Environmental Services Project Manager in writing on or attached to the daily biological report (Requirement 8). All desert tortoise sign will be removed, placed in a plastic bag and delivered to the NDOT Environmental Services Project Manager for disposal upon completion of the survey. No desert tortoise sign will be kept without written permission from the U.S. Fish and Wildlife Service.

Desert tortoise clearance surveys are to be conducted independently of all other biological resource surveys.

Requirement 8. Biological clearance of staging areas

This project will require paving equipment to be parked off the shoulder within the NDOT right-of-way. The ADTB will be responsible for selecting an appropriate staging area each day that avoids protected plant species, cacti, yucca, migratory bird nests, and desert tortoise burrows. Any healthy (>50% living) cacti or yucca found near the staging area will be flagged for avoidance. A migratory bird nesting survey, a desert tortoise clearance survey, and a rare plant survey will be performed of the staging area before each use. These surveys and their results will be documented on the daily biological report.

Requirement 9. Migratory bird nesting surveys

During the bird breeding season (February 15 to August 31), a qualified biologist will conduct migratory bird nesting surveys within seven days prior to any ground, vegetative, and/or structure disturbance/removal. Approximately 96 acres will require nesting surveys. Migratory bird nesting surveys will be scheduled every seven days if the ground disturbance is on-going. All active nests will have their location recorded with a hand-held GPS unit, an avoidance buffer around them clearly identified, and will be reported to the NDOT Resident Engineer and the NDOT Environmental Services Project Manager verbally and in writing on the daily biological report. The size of avoidance buffers around active nest will be determined in coordination with the NDOT Environmental Services Project Manager. All active nests within or directly adjacent to the project work areas will require regular monitoring until all the young fledge the nest. All inactive nests will be destroyed by a qualified biologist to prevent re-occupation.

Requirement 10. Inventory and Flag cacti/yuccas

Approximately 96 acres will require flagging/inventory of cacti and yucca.

A qualified biologist will identify and inventory all living beavertail (*Opuntia basilaris*) cacti that will be disturbed by the project and report this data to the NDOT Environmental Services Project Manager in writing on or attached to the daily biological report. Up to 828 beavertail cacti may require inventory.

A qualified biologist will identify, inventory (tally), and flag, all other species of healthy (>50% living) cacti and yuccas that will be directly impacted by project activities. Report this data to the NDOT Resident Engineer and the NDOT Environmental Services Project Manager in writing on or attached to the daily biological report (Requirement 8). Up to 2862 cacti and yucca may require inventory and flagging. Cacti/yucca that will be directly impacted by project activities will require transplant within the right-of-way, which will be performed by the project's primary contractor or subcontractor. A biologist will regularly inspect the translocated cacti for survival.

Requirement 11. Biological monitoring of construction activities

An ADTB is required to be on site daily during daylight hours (and within one hour of sunrise/sunset) for all project construction activities during the active season. One or more biological monitors will also be required when high-risk activities (earth work, clearing/grubbing, trenching, fence installation and repairs) are taking place in two or more areas of the project, and when fence inspections or fence repairs are required that the ADTB is unable to monitor due to workload. During the less-active season, the Authorized Biologist will be on site daily for high-risk activities (earth work, clearing/grubbing, trenching, fence installation and repairs) only, and conduct once weekly site visits during periods of lower-risk activities. When practical and cost-effective, biological surveys detailed under other requirements in this document will be conducted during monitoring or site inspections as detailed above.

Biological monitors must always be within cell-phone range of the ADTB. If cell phone coverage is an issue on the project, have another method of communication available. If a desert tortoise is encountered onsite, have a plan in place on how and when an ADTB will respond to this in a timely manner. If a desert tortoise is encountered in or near a project work area, the ADTB will relocate the desert tortoise as directed by the NDOT Environmental Services Project Manager in coordination with the U.S. Fish and Wildlife Service. The ADTB and the biological monitor are to ensure compliance with the terms and conditions of the PBO and BO and all other project specific measures for biological resources, ensure that any desert tortoises that wander into the work areas are not inadvertently harmed, and report any project non-compliance issues.

The ADTB and the biological monitor are to be well informed on the project specific requirements for all biological resources, as well as noxious weeds. The ADTB and the biological monitor are to report non-compliance issues in a timely manner to the NDOT Resident Engineer and the NDOT Environmental Services Project Manager verbally and in writing on the daily biological report.

Requirement 12. Reporting and documentation

Project activities will be properly documented and reported to the NDOT Resident Engineer and the NDOT Environmental Services Project Manager. Daily biological reports will be completed for each day that the ADTB and/or the biological monitor is onsite. A desert tortoise encounter form will be completed to record any desert tortoise encounters or any desert tortoise sign observed. The ADTB and/or biological monitor on the project will be responsible for maintaining an accurate log of personnel trained in the worker education program described under Requirement 1. A sign in sheet will be completed for each worker education program performed and is to be attached to the daily biological report. The NDOT Environmental Services Project Manager will supply the forms to be used. Digital copies of completed forms will be sent out daily to the NDOT Environmental Services Project Manager, with the originals going to the NDOT Resident Engineer at a frequency to be determined.

Requirement 13. Attend Meetings

The project manager, ADTB, and biological monitor are to attend a project preconstruction meeting (1 hour), a preconstruction environmental meeting and field visit (4 hours), and a postconstruction environmental meeting (1 hour). The project ADTB will call in weekly to project update meetings (generally 1 hour) and will inform the project manager and the biological monitor of the meeting details.

Requirement 14. Delineate work limits and disturbance

Prior to the onset of construction, the biologist will take GPS points at the staked boundaries of the project work areas within the project limits. After the project is completed, the biologist will take GPS points at the limits of vegetation disturbance. A map and shapefile displaying the anticipated work areas (before the project begins) and the limits of disturbance (after the project is complete) will be provided to NDOT Environmental Services after the project.

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):

Bio Logical LLC

5. Corporate/Business Entity Street Address:

Street Address: 1400 Colorado Street, Suite C	Website: getbiological.com
City, State and Zip Code: Boulder City, NV 89005	Point of Contact Name: Alana Wise
Telephone and Fax No. 702-843-6695, fax: 702-534-3041	Email: awise@getbiological.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)
Alana Wise	CEO	85
Mark Wise	Field Operations Officer	15

*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.

Alana Wise Alana Wise
Signature Print Name
CEO 3/11/2021
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:

Signature

Print Name
Authorized NDOT Representative

Line Item 4

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

210-21-056
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 Revision to Initial Budget Request: Request for Amendment #:
Name of Second Party, if Known: Agreement Number:

Project ID #(s): 73950

Type of Services: Architectural Design and Construction Support Services for New Rest Areas

Originated by: Joe Resong Division: C056 - Architecture (update) Date Originated: 4/12/2021
C056 Maint & Asset Maint

Division Head/District Engineer: Anita Bush

Budget Category #: 466006 Object #: 814M Organization #: C056

Type of Funding: State % of Fund: 100 State Fiscal Year(s): 21/22

Amendment Estimated Cost:

Total Agreement Estimated Cost: \$5,400,000.00

Funding Notes: Estimated that 6% of the project will be billed in FY21 and the remaining in the following fiscal years (pending construction dates)

Financial Management:

Kristen Greenhut 4/15/2021

Approved by 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 4/15/2021

Approved by Date

Director:

Kristina Swallow 4/15/2021

Approved by Date

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

For Agreement Services Only
210-21-056

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:

PLEASE SEE "REST AREA INITIATIVE HISTORY-FINAL" ATTACHED

This 2A will amend two earlier 2A's signed (one in 2015 and one in 2019) both attached for your reference.

Scope of Services:

The Architecture Section of Maintenance And Asset Management has issued a request for proposal for design and construction services. H&K Architects were selected from a competitive process to design and provide construction support for the project. The design team will be lead by a registered architect and include multiple professional discipline team members as required to design safe and comfortable rest areas. All design professionals will be licensed in the State of Nevada. The design firm will provide a separate design package for each rest area. Each design package will include schematic design, design development, construction documents, bid support, construction administration and closeout.



1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7487
Fax: (775) 888-7109

MEMORANDUM

April 13, 2021

TO: Jenica Keller, Assistant Director, Operations

FROM: Joe Resong, Project Manager II, Architecture DS
JR

SUBJECT: Negotiation Summary for RFP 538-19-056 Architectural Design Services for Rest Area Reconstructions at Millers, Trinity and Beowawe
PIN #: 73950

A series of negotiation meetings were held and electronic mail was exchanged during the month of March, 2021, with H&K Architects, Ross Baker and Joe Resong of the Nevada Department of Transportation participating.

The SBE goal for this agreement has been established at two percent (2%).

The duration of this agreement will be for 5 years, ending on May 31, 2026.

The budgeted amount of this Agreement is comprised of 0% Federal / 100% State Funding.

The base Scope of Services was reaffirmed by both parties at the outset with some minor corrections occurring during negotiations, see attached Scope of Services for each rest area.

The following schedule was agreed to by both parties:

Date	Task to be Completed
June 1, 2021	Start reconnaissance and design of rest areas
July 1, 2023	Start Construction support functions for the rest areas
July 1, 2025	End construction support
April 30, 2026	9-month warranty walk through

Key personnel dedicated to this project are as follows:

Name	Title	Estimated Number of Hours
Lump Sum Contract	Not applicable	

There are no sub-consultants being utilized on this Project.

The DEPARTMENT's original estimate in 2019 was \$2,250,000 for design services only.

The SERVICE PROVIDER's original estimate was \$1.7M for Beowawe Full-Service Rest Area, \$1.3M for Millers Full-Service Rest Area, \$1.5M for Trinity Full-Service Rest Area for a total of \$4,500,000.

The negotiations yielded the following:

1. During these discussions, the exact scope of work was refined. Back up generation, electric vehicle charging, geotechnical/geothermal investigations, truck parking, and utility locating were discussed to arrive at an agreeable cost. Of principal note during the discussions was the viability of the existing potable water systems at each rest area. A decision to add \$200,000 contingency was developed, with the aid of the consultant, for each site to rehabilitate or reconstruct the wells. Additionally, an overall general contingency of \$100,000 per rest area was discussed and agreed upon for other outside services that may be required. The services may include utility location and potholing. These contingencies were added to the consultant's cost of \$4,500,000.
2. The project is lump sum and the number of man hours is not applicable
3. The total negotiated cost for this Agreement is \$5,400,000.

Reviewed and Approved:

DocuSigned by:
Jenica Keller
D4A618F26D8B447... Assistant Director, Operations

04/13/2021
Date



Proposal

March 11, 2021

Ross Baker, PE

Buildings Capital Improvements Manager

NDOT Architecture Division

1301 Hot Springs Road, Room 106

Carson City NV 89706

Re: Beowawe Full Service Rest Area

Dear Ross,

We are pleased to submit this proposal which outlines professional Architectural and Engineering design services for the new Beowawe Full Service Rest Areas which will be located on both sides of Interstate 80. We have included a project description, scope of work, list of the project team and our proposed fee.

Please refer to attached NDOT produced 'Attachment A Scope of Services inc Appendix 1 and 2' referred to as '**Exhibit A**' for the scope of work this Proposal addresses.

PROJECT DESCRIPTION

- Beowawe – about 23.5 miles west of Carlin on Interstate Route 80 and about 42.5 miles west of Elko
- This location is to be two new Full-Service Rest Areas, one on each side of Interstate 80, and each will require:
 1. Demolition of existing facilities
 2. New ADA Full Service Rest Area
 3. Water system improvements to be permitted per NDEP BSDW requirements
 4. New septic system with NDEP BWPC approvals
 5. New landscape and aesthetic elements (kiosks, sculptures, cultural info, etc.)
 6. Revise drainage, passenger car parking, truck parking, picnic shelters plus other site amenities
 7. Stormwater drainage shall include an LID component in the design
 8. Install wireless internet, infrastructure for future electric vehicle charging stations, dog run area and other facilities for a Rest Area.
 9. Power available at the site
 10. Other elements or amenities to be confirmed in Schematic Design Phase

H+K ARCHITECTS

5485 Reno Corporate Drive, Suite 100
Reno, Nevada 89511-2262

P 775+332+6640
F 775+332+6642

hkarchitects.com

SCOPE OF WORK

1.0 KICKOFF MEETING

A Kickoff Meeting is essential to ensuring a quality project, with adherence to cost and schedule constraints, and consistency with the NDOT's expectations. The design team will meet key NDOT staff to outline tasks, responsibilities, budgets, and schedule. At a minimum, the agenda for this kickoff meeting would include:

- Establish lines of communication and team responsibilities.
- Review project background and confirm scope of work.
- Identification of key stakeholders
- Discuss permitting requirements and utility coordination with right of way.
- Identify specific needs for surveying and the geotechnical investigation.
- Identify data needs including access and circulation, record drawings, utility maps.
- Discussion of relevant issues that may be critical to the project.
- Workplan and Deliverables
- Schedule

2.0 TOPOGRAPHIC SURVEY AND BOUNDARY SURVEY

Project base maps will be created using a combination of aerial photogrammetry and ground collected survey field shots. The project will be flown at an appropriate elevation to obtain a horizontal scale of 1"=40' with a 1' contour interval accuracy. Field shots will be obtained at critical locations such as edge of roadways, utilities, and storm drain features to be combined with the aerial provided digital terrain model to supplement the base maps. A digital terrain model, topographic base map, and color orthophoto will be generated using the combination of ground and aerial collected data.

Control for the project will be referenced to the Nevada Coordinate System, NAD83 using a local combined scale factor to establish ground values for the base map. The vertical datum for the project will be reference to NAVD88.

We will review Right of Way Mapping and Parcel Maps from the Nevada Department of Transportation (N.D.O.T.) and respective County. During the ground survey portion of this project existing highway monuments will be located along the project corridor. A best fit of the existing right of way and property boundaries will be made based upon found monuments and record mapping. This property boundary will be incorporated into the site's base map as part of the survey deliverable.

We will also hire a utility locate company to visit each site and perform a surface locate of utilities that are conducive to being located. We will include the located utilities in our field topography and will combine that with old plan data to generate an existing utility survey for use in design. If potholing is required or requested by NDOT, we will perform this work under the contingency as an additional service as this cost is not in our current scope. If ground penetrating radar is required or requested by NDOT, we will perform this work under the contingency as an additional service as this cost is not in our current scope.

We will include NDOT Right of Way coordination and modification of existing easements or acquisition support for new easements if necessary, from the underlying fee owners. Our support will be related solely to the creation of legal descriptions for the boundary and easements. It is assumed that NDOT personnel will conduct the negotiations with the underlying fee ownership and will create the actual grant deed documents. If our

involvement in coordination with underlying fee owners is required or requested by NDOT, we will perform this work under the contingency as an additional service as this cost is not in our current scope.

2.1 GEOTECHNICAL INVESTIGATION AND PERCOLATION TESTING

For the Geotechnical scope of work, we will complete a field investigation that will consist of subsurface test pits at three (3) locations across each site. Exploration depth will be approximately 10-15 feet below ground surface, or practical refusal, whichever comes first. We will provide the excavation services and the USA dig clearance.

For the percolation testing scope of work, we will complete a field investigation that will consist of one (1) subsurface test pit near the proposed septic field site at each site. Exploration depth will extend at least 10-15 feet below ground surface, or practical refusal, whichever comes first. We will perform two (2) percolation tests in the test pit at different depths. We understand we will provide the excavation services and the USA Dig clearance.

We will provide sampling of each exploration, classify the encountered soils in accordance with the Unified Soil Classification System (USCS), and conduct laboratory testing on the samples collected. Additionally, we propose to perform engineering analyses and calculations and develop a final Geotechnical Investigation Report that will discuss the geologic setting, seismic considerations, exploration and site condition, field and laboratory test data, and our conclusions and recommendations from a Geotechnical perspective. Our Geotechnical Investigation will be prepared by a Nevada Registered Civil Engineer and will specifically include the following services:

Field Investigation will include:

- Logging of all Soil Profiles Based on USCS
- Water Table Measurement, if Encountered
- Percolation Testing

Laboratory analysis may include:

- Expansion Index (ASTM D-4829)
- Atterberg Limits (ASTM D-4318)
- Moisture Density Curve (ASTM D-1557)
- R-Value (ASTM D-2844)
- Direct Shear (ASTM D 3080)
- Grain Size Analysis (including fines content) (ASTM C-136)
- pH, Soluble Sulfate and Resistivity

Report, Recommendations, and Conclusions:

- Exploration Logs
- Percolation Test Results
- Soil Types and Classification
- Laboratory Test Results
- Geotechnical Discussion
- Foundation Recommendations
- Bearing Capacity and Settlement (remolded as soils at footing at re-compacted or fill)
- Grading Recommendations
- Asphalt Pavement Recommendations
- Portland Cement Concrete Recommendations

- Construction Procedures
- Groundwater Level, if encountered

If geothermal investigations are required or requested by NDOT, we will perform this work under the contingency as an additional service as this cost is not in our current scope.

2.2 PRE-DEMOLITION ASBESTOS SURVEY

The existing Beowawe Rest Area facility is comprised of two 864 square foot buildings constructed in 1977. As the scope of the project will include the demolition of these structures, we will conduct an asbestos survey to identify the presences of any materials containing asbestos pursuant to the following requirements:

- EPA's 40 CFR Part 61 – National Emission Standard for Asbestos (NESHAP).
- EPA's 40 CFR Part 763, Subpart E – Asbestos -Containing Materials in Schools (AHERA).
- Nevada OSHA – NAC 618.850-618.986
- OSHA's "Criteria to rebut the designation of installed material as PACM (Presumed Asbestos Containing Material)", 1926.1101(k)(5).

An initial walk through the subject sites will be conducted to identify homogenous suspect materials containing asbestos and their respective locations. This information will then be used to develop a sample collection strategy. Samples of suspect asbestos containing materials (ACMs) will be collected and submitted to a certified laboratory for analysis by polarized light microscopy (PLM). Sample analysis will be conducted according to EPA protocol described in the Asbestos Hazard Emergency Response Act (Code of Federal Regulations, Section 40, Part 763). It is estimated that approximately 50 bulk samples will be collected for this survey.

The survey will identify the quantity and locations of asbestos containing materials within the subject property buildings. If asbestos is discovered, survey information can be used to produce an additional services proposal and Addendum to our contract to provide the required drawings and specifications for the removal of asbestos containing materials prior to building demolition. ***This Proposal assumes asbestos containing materials will not be discovered.***

2.3 INTERPRETIVE PLANNING

For schematic design work to be informed by specific site and contextual forces, we will perform some Pre-Design Interpretive Planning Scope as follows:

- Consultation with NDOT and Department of Tourism and Cultural Affairs to ascertain state interpretive goals, designated partners, and review procedures.
- Site visits to each rest area location to review existing interpretive content and context.
- Research and outreach to other state agencies, organizations, and communities to inform the creation of outline specifications of interpretive concepts.

2.4 ARBORIST

We will have an arborist visit the site to provide an evaluation of the existing tree health. This will include a memo and map showing the type of trees and whether it is worth trying to save or it should be removed.

This information will assist in determining the vegetation to remain at the site if it does not conflict with other improvements.

3.0 SCHEMATIC DESIGN

Site Planning:

In coordination with the design team and NDOT we will develop SD level site layouts showing the proposed facilities, parking, RV dump station, fencing needs, gate requirements, site lighting, concrete work, paths, landscape areas, wet utility concepts, and drainage concepts. At this stage grading and control will not be initiated other than enough to vet critical components of the design. These preliminary site plans will also provide detail on what components of the existing sites will be abandoned/demolished so that a discussion and determination can be made by NDOT to confirm the scope of removals.

Interpretive Planning:

- Coordination with design team in formulation of schematic design approach.
- Production of outline specifications of interpretive concepts.

Proposed Facilities:

Schematic floor plans, layouts and locations of all built structures including restroom facilities, shade structures, kiosks, interpretive information, Coordinate requirements for facilities with NDOT personnel and identify equipment dimensions, separation requirements, utility requirements, and additional design criteria.

Preliminary Landscape and Aesthetic Component Design:

Landscape & Irrigation Plans will depict the xeriscape low-water consumption landscaping, and amenities. Plans will indicate any significant trees to be retained & protected during construction. We will propose new, replacement, or upgraded components to the amenities, and to the existing irrigation system. Soil samples will be obtained at the site to verify soil type/chemicals to assist in the selection of plant species to be utilized for the landscaping of the site.

Existing Well Investigation and Evaluation:

We will contract for and oversee the investigation of the condition of the existing wells. We will develop specifications for the removal of the existing pump assemblies, flushing of the wells, conducting a pre-treatment video, preliminary cleaning (via brushing and flushing), and a post cleaning video. We will then hire a licensed well contractor to perform this work. Once the pre-and-post videos are available we will evaluate the condition of the existing wells to determine if it is viable for future use with some level of rehabilitation or whether we will need to proceed with the abandonment of the existing wells and drilling of new wells. Based on the age of the existing wells they may still be in adequate condition and may still meet current public water system requirements (such as a sanitary seal). Based on the findings we will proceed with the appropriate scope under the Design Development Phase for either Well Rehabilitation or the Abandonment and Drilling of New Wells. We will also obtain preliminary water chemistry testing.

Preliminary work related to the design of the new Water Systems:

We will investigate the alternatives for the design the water system components required to serve domestic and irrigation water needs. This will include the following components:

- Preliminary well pumping system evaluation with NDOT, including determination of submersible pump versus vertical turbine style.
- We will review the chlorination system options based on preliminary flow needs and provide NDOT summary of the options and a recommendation for which system appears to be the best for their use. It is assumed that the chlorination system will be either a tablet feed system or a sodium hypochlorite

system depending on NDOT's preference and the ease of operation. The system should be equipped with chlorination to alleviate a need to retrofit at a later time. Under this phase we will want concurrence from NDOT on the preferred chlorination system to proceed with towards design.

- We will develop alternatives for providing a pressurized water system and will summarize these alternatives for NDOT along with a recommendation on the type of system to serve the rest area. It is anticipated that with the intermittent flow needs that a hydro-pneumatic pressure system housed within the proposed building may be the best alternative.
- Preliminary layouts of water distribution piping to serve the site needs (restrooms, irrigation, and other requested water uses) will be compiled and included in the preliminary site layouts discussed above.
- Due to the remote nature of the sites and the limited water production and the size of the buildings no fire suppression systems utilizing water are anticipated. Such systems would require expensive storage tanks and fire pumps that were not distinctly included in the original scope and are therefore not included in this scope of services. If in the process of working through the permitting of the projects with the State Fire Marshall such fire systems become necessary, we can provide an addendum for the additional scope of work.
- The dual site (one on each side of the highway) may require a new casing bored under the highway for the water service. The design of this is anticipated as part of the overall water system design. The preliminary work for this is included in this task.
- Irrigation water is not anticipated to need treatment unless directed by NDOT.

Preliminary work to determine the site of the potential new septic systems:

- Based on NRS/NAC requirements we will incorporate into the SD site plans the conceptual layout of the new septic system. This will help us to guide the location of where percolation testing will need to be performed. It is not anticipated that the final septic sizing/location will be completed under this phase as we may still be waiting on final percolation testing and well siting that will be necessary to finalize the sizing/location of the disposal site.

Construction cost estimate:

- The Construction Cost Estimate at the Schematic Design Phase will be based on the most recent schematic design studies, current and historic square foot costs, or other unit costs, including an appropriate design contingency and inflation factor. The cost estimate shall be organized into the MasterSpec format. Cost estimate to include all NDEP permits, utility permits and all other permits except for DEPARTMENT provided permitting with SPWD and SFM.

ADDITIONAL SCOPE FOR THE SCHEMATIC DESIGN PHASE ARE OUTLINED WITHIN 'EXHIBIT A'

4.0 DESIGN DEVELOPMENT

We will meet with the design team and NDOT to review the comments and input from the previously developed SD package and discuss the specific changes and needs as the design progresses to the DD phase. Design services during the Design Development Phase shall consist of continued development and expansion of the schematic design documents to establish the final scope, relationships, forms, size, and appearance of the Project.

- Establish final scope, relationships, form, size, and appearance of buildings.
- Develop typical details and final material selections.
- Provide preliminary sizing of structural components and coordinate with other systems.
- Identify HVAC equipment locations, sizes, and layouts.

- Plumbing fixtures selected and main piping systems determined.
- Layout lighting, power, communication, and data systems
- Provide code analysis (Basis of Design)

Site Layouts

- In coordination with the design team and NDOT we will develop the DD level site layouts showing the proposed facilities, parking, RV dump station, fencing needs, gate requirements, site lighting, concrete work, paths, landscape areas, wet utility concepts, and drainage concepts.
- At this stage grading and control will be progressed to allow for refinement of the detailing and progressing the horizontal and vertical elements of the site to a DD level.
- This DD site plans will further refine the detail on what components of the existing sites will be abandoned/demolished.
- Begin detailing for the various site components.
- Prepare a drainage report for the project sites/areas.

Interpretive Planning:

- Collaboration with design team to determine preferred locations, designs, and materials of interpretive displays.
- Research and development of broader historical, cultural, and environmental context to inform content and layout of interpretive displays.
- Continued consultation with state agencies and others regarding site-specific elements.
- Production of written content for interpretive displays.
- Selection of imagery for interpretive displays including acquisition of usage permissions.

Landscape and Irrigation Design:

- Landscape & Irrigation Plans will depict xeriscape low-water consumption landscaping, and amenities. Plans will indicate any significant trees to be retained & protected during construction. We will propose new, replacement, or upgraded components to the amenities, and to the existing irrigation system as required.

Well Rehabilitation and Test Pumping (ALT 1) – Paid with Design Contingency if required.

- Depending on the results of the well investigation/evaluation under the SD Phase We will proceed with either a well rehabilitation or a new well process. Assuming a well rehabilitation is all that is necessary, in this phase of the project we will contract for and oversee the rehabilitation of the existing wells based upon the findings from the well condition evaluation conducted during the SD phase. We will develop specification for the rehabilitation, video, water quality sampling, and test pumping activities associated with this task. We will then hire a licensed well contractor to perform this work. We will oversee the rehabilitation and pump testing activities under this task as it is pertinent to the design of the wells. Once the post video videos and pump test data is available, we will evaluate the necessary treatment technology based on current water quality and will also evaluate the proper sizing of the well pumps. All costs for well drillers, well testing pumping, and well investigation contractors are not included in this scope. The cost of these contractors will be paid for under the contingency.

Well Drilling (ALT 2) - Paid with Design Contingency if required.

- In the event the existing Beowawe wells are found to be past their useful lifespans, we will design and oversee the drilling of production wells for obtaining data for the design and drilling of ultimately new production wells (drilling will be bid/selected/contracted for separately by NDOT). We will develop specifications for the wells, water quality sampling, test pumping, and logging activities associated with this task. We will then bid/hire a licensed well contractor to perform

this work. We will oversee the well drilling, logging, and pump testing activities under this task as it is pertinent to the design of the new production wells. The preliminary design of the wells will be based on existing well logs and modifications will be made to the well designs upon review of the cuttings. Once the lithology and pump test data are available, we will move to the final design phase for the new production wells under the next phase of work. Per NDOT's request, the production well would be designed and constructed as standalone effort to ensure water is available for future construction. All costs for well drillers, well testing pumping, and well investigation contractors are not included in this scope. The cost of these contractors will be paid for under the contingency.

New Water System:

Under this component, we will progress the design of the water system components required to serve domestic and irrigation water needs to the DD level. This will include the following components:

- With the post rehabilitation data available related to water quality and well capacity, we will develop alternatives for coordination with NDOT on the type/size of pump and the methodology for treatment of the well water. This is anticipated to include determination of submersible pump versus vertical turbine style. Based on available historic water quality it is assumed that water treatment systems will not be necessary other than chlorination. Under this phase we will evaluate what water use will require treatment (potable, flush toilets, irrigation, etc.)
- We will advance the design of the chlorination system based NDOT input from the SD phase and the test pumping data/water quality data obtained during this task.
- We will finalize the approach for providing a pressurized water systems based upon feedback from NDOT on preferences and will advance this design to a DD level.
- An advanced layout of water distribution piping to serve the site needs (restrooms, irrigation, and other requested water uses) will be compiled and included with the DD site layout discussed above.

New Septic Disposal Systems:

- Using the percolation testing obtained during the SD phase and estimates for waste disposal volumes, we will advance the design of the septic disposal fields to a DD level including horizontal layout and preliminary vertical layout and detailing.

Construction cost estimate:

- Construction cost estimate services during the Design Development Phase shall consist of a refinement of the Schematic cost estimate for the Project.

ADDITIONAL SCOPE FOR THE DESIGN DEVELOPMENT PHASE ARE OUTLINED WITHIN 'EXHIBIT A'

5.0 CONSTRUCTION DOCUMENTS

Based on review comments from Design Development Documents and NDOT, we will prepare the Construction Documents addressing any comments or changes arising from the Design Development Phase review.

We will meet with NDOT to present and review the construction documents after all plan check comments have been addressed and have been incorporated into the construction documents. Documents to be presented and reviewed at this meeting shall include Supplemental General Conditions and bid alternates.

New Water System:

We will progress the design the water system components required to serve domestic and irrigation water needs to the CD level. This will include the following components:

- Finalize the pumping system design and detailing.
- Finalize the well design and detailing.
- Finalize the treatment system design and detailing.
- Finalize the chlorination system design and detailing.
- Finalize the pressure system design and detailing.
- Finalize the distribution system design and detailing.
- Permitting with NDEP Bureau of Safe Drinking Water
- NDOT Permitting for boring

New Septic Disposal System:

- Finalize the septic disposal and collection system design and detailing.
- Permitting with NDEP

Interpretive Planning:

- Preparation of interpretive display designs, incorporating statewide branding themes as directed.
- Production and preparation of final graphic files for fabrication of interpretive displays.
- Consultation with state agencies and other designated partners to review interpretive display designs and incorporation of revisions as requested.
- Coordination with design team regarding physical structures and fabrication specifications, including specification of hardware and integration solutions.

Construction cost estimate:

- Construction cost estimate services during the Construction Documents Phase shall consist of a refinement of the Design Development cost estimate for the Project.

Other Elements of the Construction Documents phase include:

- Preparing construction drawings and specifications showing the final character and extent of the project.
- Perform a QC review of construction plans and documents.
- Prepare any revisions to construction documents requested and obtain approval from the following State agencies as needed:
 - Department of Transportation
 - Department of Tourism and Cultural Affairs
 - State Public Works Division Building Department
 - State Fire Marshal Office

We will meet with NDOT to present and review the construction documents after all plan check comments have been addressed and have been incorporated into the construction documents. Documents to be presented and reviewed at this meeting shall include Supplemental General Conditions and bid alternates.

ADDITIONAL SCOPE FOR THE CONSTRUCTION DOCUMENTS ARE OUTLINED WITHIN 'EXHIBIT A'

6.0 BIDDING SERVICES

From approved construction documents, we will prepare and satisfactorily complete the bid documents. Bid documents shall include the Drawings, Specifications and Supplemental Notice(s). NDOT will assemble the bid documents and distribute the sets as required. We will provide the following:

- Prepare construction drawings and specifications showing the character and extent of the project based on the accepted design documents.
- Answer RFI's
- Produce Addendums
- Attend any pre-bid conferences.
- Attend the bid opening.
- Assist the DEPARTMENT with a recommendation for the award of the construction contract.
- Bids in Excess of the Construction Budget: If the low bid received exceeds the construction budget by more than Seven percent (7%), revise all bid documents and furnish new bid documents to the DEPARTMENT at no increase in fee and repeat all requirements of this Section.

ADDITIONAL SCOPE FOR THE BIDDING PHASE ARE OUTLINED WITHIN 'EXHIBIT A'

7.0 CONSTRUCTION ADMINISTRATION

The Construction Administration Phase shall commence with the issuance of the Notice to Proceed to the Contractor(s) and terminate one (1) year after the effective date of when the DEPARTMENT issues the Certificate of Substantial Completion. We will provide technical assistance to DEPARTMENT personnel in accordance with the Scope of Services in 'Exhibit A'.

- The Architect will visit the site monthly during construction of the structures.
- The proposal includes three site visits during construction by the Civil Engineer, Structural Engineer, Mechanical Engineer, and Electrical Engineer.

ADDITIONAL SCOPE FOR THE CONSTRUCTION ADMIN. PHASE ARE OUTLINED WITHIN 'EXHIBIT A'

8.0 CONTRACT AND CONSTRUCTION CLOSEOUT

We will review any operation and maintenance manuals provided for the site components and provide comments if any. We will provide one hard copy and one set of electronic drawings on compact disk to NDOT. Record Drawing information shall be as represented by the Contractor to the engineer and may not represent an as-built condition. Typically contractors provide the O&M manuals for a project; however, if our preparation of O&M manuals is required or requested by NDOT, we will perform this work under the contingency for the site as this cost is not in our current scope.

ADDITIONAL SCOPE FOR THE CONTRACT AND CONSTRUCTION CLOSEOUT PHASE ARE OUTLINED WITHIN 'EXHIBIT A'

BASIC SERVICES PROJECT TEAM

Professional services include Architectural Design/Project Management, Hazardous Materials Assessment, Topographical Survey, Geotechnical Investigation, Interpretive Planning, Civil Engineering, Landscape Architecture, Arborist Evaluation, Structural Engineering, Mechanical Engineering, and Electrical Engineering.

Basic Services Project Team

Architecture/Project Management	H+K Architects
Hazardous Materials Assessment	McGinley & Associates
Interpretive Planning	Stories in Place, LLC
Topographic Survey	Lumos & Associates
Geotechnical investigation	Lumos & Associates
Civil Engineering	Lumos & Associates
Landscape Architecture	Lumos & Associates
Structural Engineering	CFBR Structural Group
Mechanical Engineering	Ainsworth & Associates
Electrical Engineering	PK Electrical, Inc.

FEE SUMMARY

We propose to provide the Services outlined above for a fixed fee of One Million Seven Hundred Thousand Dollars (\$1,700,000.00) broken down per phase as follows:

Phase	% of Total	Fee
Geotechnical Analysis	2%	\$41,000
Topographic Survey	3%	\$50,000
Hazardous Materials Assessment	1%	\$14,000
Schematic Design	21%	\$350,000
Design Development	23%	\$385,000
Construction Documents	29%	\$485,000
Bidding	3%	\$50,000
Construction Administration	19%	\$325,000
Contract/Construction Closeout	2%	\$30,000
Total Fee	100%	\$1,700,000

CONDITIONS

The above proposal is established based on the following conditions:

1. We recommend NDOT include a \$200,000.00 design contingency for Alt 1 and Alt 2 (Well Rehabilitation and Well Drilling) should this scope be required.
2. We recommend NDOT include a \$300,000.00 design contingency across the three rest area sites for the following (if required):
 - a. Additional Potholing and/or ground penetrating radar
 - b. Extraordinary coordination with underlying fee owners.
 - c. Geothermal investigations and design work
 - d. O&M Manual preparation
3. Our Interpretive Planning Scope is based on an overall fee of \$16,000.00 for this site and includes the basic scope derived from the information provided to date.

4. We will provide Hazardous Material Assessment (Sample Testing) at each site at structures to be demolished, but we will assume no hazardous materials exist at each site. Drawings, Specifications, Monitoring, Clearance, etc. will be an Additional Service by Addendum if hazardous materials are identified and these services are required. Lead-based paint sampling/analysis is not needed for demolition activities. Microbial sampling/analysis is not needed for demolition activities.
5. No material testing/inspections is included other than for the well rehabilitation and test well construction. Material testing for test well construction is limited to verifying gradation from coring samples to size the screen materials.
6. No construction staking is included except for staking required for locating test well locations during the design process.
7. Based on the available water quality data, we are assuming that the Beowawe sites will not require water treatment but will require new wells based on the age of the existing wells. In the event high level water treatment (other than chlorination) is required for Beowawe, we reserve the right to request an amendment for additional services since the need could not be anticipated.
8. The preliminary well assessment work will require specialized contractors to perform the necessary tasks. Due to the need to fully define the scope at each site and to solicit pricing for the work we do not have a definitive cost for what the well evaluation work will cost. We have included a budget for the well evaluation contractor as part of the Condition NO. 1 Contingency.
9. There is the potential that the existing wells will need to be re-drilled. Prior to designing the new wells, we recommend the drilling of test wells to verify aquifer characteristics and water quality. However, per NDOT's direction they desire to drill the wells based on existing data. We have not included test wells in our fees/contingency. We have planned to design and oversee the drilling of the wells at the sites (or design and oversee complete well rehabilitation activities). The design and oversight costs of wells or well rehabilitations are included in Condition NO. 1 Contingency. The contractor costs for either rehabilitation of existing wells or drilling of wells is an unknown at this point. We have included a budget for the well rehab or well contractor as part of the Condition NO. 1 Contingency.
10. We have not included any time or budget in any tasks for contractor costs associated with the construction of final production wells. We have included time in our budgets for design and permitting of production wells as required.
11. We have included a factor for cost escalations over the life of this project from design through construction assuming construction is completed within 5 years from contract initiation.
12. This proposal does not include separate stand along freight facilities (septic, water, buildings) but does include freight parking. In the event stand-alone freight facilities are added to the project we will prepare an addendum for those additional services.
13. Services related to a formal LEED Accreditation and/or alternative energy sources such as solar photovoltaics and/or wind turbines are not included.
14. Lifetime energy analysis or lifetime cost reports are not included.
15. Snow Melt Systems are not included.
16. If covered automobile parking is required, the solution will be a prefabricated structure.
17. Fire suppression for site or structures is not included. This exclusion extends to the following:
 - a. Fire Hydrants are not included.
 - b. Fire Sprinklers within structures not included.
 - c. Fire Water Storage is for either structures or hydrants is not included.
 - d. No Fire Sprinkler Pumps are anticipated.
18. No emergency generators of any kind are currently anticipated.
19. Agency review fees are not included.
20. The proposal includes up to five site visits by the Architect and Civil Engineer, and three each by the Structural Engineer, Mechanical Engineer, and Electrical Engineer.

NDOT Beowawe Full Service Rest Area Proposal

March 11, 2021

Page 13 of 13

Please call if you have any questions or wish to discuss this Proposal. Thank you for your consideration of H+K Architects.

Sincerely,

A handwritten signature in blue ink, appearing to read "JKl", with a long horizontal flourish extending to the right.

Jeff Klippenstein, AIA



Proposal

March 11, 2021

Ross Baker, PE
Buildings Capital Improvements Manager
NDOT Architecture Division
1301 Hot Springs Road, Room 106
Carson City NV 89706

Re: Millers Full Service Rest Area

Dear Ross,

We are pleased to submit this proposal which outlines professional Architectural and Engineering design services for the new Millers Full Service Rest Area. We have included a project description, scope of work, list of the project team and our proposed fee.

Please refer to attached NDOT produced 'Attachment A Scope of Services inc Appendix 1 and 2' referred to as '**Exhibit A**' for the scope of work this Proposal addresses.

PROJECT DESCRIPTION

- Millers – about 13.5 miles west of Tonopah on US 95
- This location is to be a new Full-Service Rest Area, and will require:
 1. Demolition of existing facilities
 2. New ADA Full Service Rest Area
 3. Water system improvements to be permitted per NDEP BSDW requirements
 4. New septic system with NDEP BWPC approvals
 5. New landscape and aesthetic elements (kiosks, sculptures, cultural info, etc.)
 6. Revise drainage, passenger car parking, truck parking, picnic shelters plus other site amenities
 7. Stormwater drainage shall include an LID component in the design
 8. Install wireless internet, infrastructure for future electric vehicle charging stations, dog run area and other facilities for a Rest Area.
 9. Power available at the site
 10. Other elements or amenities to be confirmed in Schematic Design Phase

H+K ARCHITECTS

5485 Reno Corporate Drive, Suite 100
Reno, Nevada 89511-2262

P 775+332+6640
F 775+332+6642

hkarchitects.com

SCOPE OF WORK

1.0 KICKOFF MEETING

A Kickoff Meeting is essential to ensuring a quality project, with adherence to cost and schedule constraints, and consistency with the NDOT's expectations. The design team will meet key NDOT staff to outline tasks, responsibilities, budgets, and schedule. At a minimum, the agenda for this kickoff meeting would include:

- Establish lines of communication and team responsibilities.
- Review project background and confirm scope of work.
- Identification of key stakeholders
- Discuss permitting requirements and utility coordination with right of way.
- Identify specific needs for surveying and the geotechnical investigation.
- Identify data needs including access and circulation, record drawings, utility maps.
- Discussion of relevant issues that may be critical to the project.
- Workplan and Deliverables
- Schedule

2.0 TOPOGRAPHIC SURVEY AND BOUNDARY SURVEY

A project base map will be created using a combination of aerial photogrammetry and ground collected survey field shots. The project will be flown at an appropriate elevation to obtain a horizontal scale of 1"=40' with a 1' contour interval accuracy. Field shots will be obtained at critical locations such as edge of roadways, utilities, and storm drain features to be combined with the aerial provided digital terrain model to supplement the base map. A digital terrain model, topographic base map, and color orthophoto will be generated using the combination of ground and aerial collected data.

Control for the project will be referenced to the Nevada Coordinate System, NAD83 using a local combined scale factor to establish ground values for the base map. The vertical datum for the project will be reference to NAVD88.

We will review Right of Way Mapping and Parcel Maps from the Nevada Department of Transportation (N.D.O.T.) and respective County. During the ground survey portion of this project existing highway monuments will be located along the project corridor. A best fit of the existing right of way and property boundaries will be made based upon found monuments and record mapping. This property boundary will be incorporated into the site's base map as part of the survey deliverable.

We will also hire a utility locate company to visit each site and perform a surface locate of utilities that are conducive to being located. We will include the located utilities in our field topography and will combine that with old plan data to generate an existing utility survey for use in design. If potholing is required or requested by NDOT, we will perform this work as an additional service under the contingency for the site as this cost is not in our current scope. If ground penetrating radar is required or requested by NDOT, we will perform this work as an additional service under the contingency for the site as this cost is not in our current scope.

We will include NDOT Right of Way coordination and modification of existing easements or acquisition support for new easements if necessary, from the underlying fee owners. Our support will be related solely to the creation of legal descriptions for the boundary and easements. It is assumed that NDOT personnel will conduct the negotiations with the underlying fee ownership and will create the actual grant deed documents. If our involvement in coordination with underlying fee owners is required or requested

by NDOT, we will perform this work as an additional service under the contingency for the site as this cost is not in our current scope.

2.1 GEOTECHNICAL INVESTIGATION AND PERCOLATION TESTING

For the Geotechnical scope of work, we will complete a field investigation that will consist of subsurface test pits at three (3) locations across the site. Exploration depth will be approximately 10-15 feet below ground surface, or practical refusal, whichever comes first. We will provide the excavation services and the USA dig clearance.

For the percolation testing scope of work, we will complete a field investigation that will consist of one (1) subsurface test pit near the proposed septic field site. Exploration depth will extend at least 10-15 feet below ground surface, or practical refusal, whichever comes first. We will perform two (2) percolation tests in the test pit at different depths. We understand we will provide the excavation services and the USA Dig clearance.

We will provide sampling of each exploration, classify the encountered soils in accordance with the Unified Soil Classification System (USCS), and conduct laboratory testing on the samples collected. Additionally, we propose to perform engineering analyses and calculations and develop a final Geotechnical Investigation Report that will discuss the geologic setting, seismic considerations, exploration and site condition, field and laboratory test data, and our conclusions and recommendations from a Geotechnical perspective. Our Geotechnical Investigation will be prepared by a Nevada Registered Civil Engineer and will specifically include the following services:

Field Investigation will include:

- Logging of all Soil Profiles Based on USCS
- Water Table Measurement, if Encountered
- Percolation Testing

Laboratory analysis may include:

- Expansion Index (ASTM D-4829)
- Atterberg Limits (ASTM D-4318)
- Moisture Density Curve (ASTM D-1557)
- R-Value (ASTM D-2844)
- Direct Shear (ASTM D 3080)
- Grain Size Analysis (including fines content) (ASTM C-136)
- pH, Soluble Sulfate and Resistivity

Report, Recommendations, and Conclusions:

- Exploration Logs
- Percolation Test Results
- Soil Types and Classification
- Laboratory Test Results
- Geotechnical Discussion
- Foundation Recommendations
- Bearing Capacity and Settlement (remolded as soils at footing at re-compacted or fill)
- Grading Recommendations
- Asphalt Pavement Recommendations
- Portland Cement Concrete Recommendations
- Construction Procedures

- Groundwater Level, if encountered

2.2 PRE-DEMOLITION ASBESTOS SURVEY

The existing Millers Rest Area facility is comprised of a 350 square foot buildings constructed in 1970. As the scope of the project will include the demolition of these structures, we will conduct an asbestos survey to identify the presences of any materials containing asbestos pursuant to the following requirements:

- EPA's 40 CFR Part 61 – National Emission Standard for Asbestos (NESHAP).
- EPA's 40 CFR Part 763, Subpart E – Asbestos -Containing Materials in Schools (AHERA).
- Nevada OSHA – NAC 618.850-618.986
- OSHA's "Criteria to rebut the designation of installed material as PACM (Presumed Asbestos Containing Material)", 1926.1101(k)(5).

An initial walk through the subject sites will be conducted to identify homogenous suspect materials containing asbestos and their respective locations. This information will then be used to develop a sample collection strategy. Samples of suspect asbestos containing materials (ACMs) will be collected and submitted to a certified laboratory for analysis by polarized light microscopy (PLM). Sample analysis will be conducted according to EPA protocol described in the Asbestos Hazard Emergency Response Act (Code of Federal Regulations, Section 40, Part 763). It is estimated that approximately 30 bulk samples will be collected for this survey.

The survey will identify the quantity and locations of asbestos containing materials within the subject property buildings. If asbestos is discovered, survey information can be used to produce an additional services proposal and Addendum to our contract to provide the required drawings and specifications for the removal of asbestos containing materials prior to building demolition. ***This Proposal assumes asbestos containing materials will not be discovered.***

2.3 INTERPRETIVE PLANNING

For schematic design work to be informed by specific site and contextual forces, we will perform some Pre-Design Interpretive Planning Scope as follows:

- Consultation with NDOT and Department of Tourism and Cultural Affairs to ascertain state interpretive goals, designated partners, and review procedures.
- Site visits to each rest area location to review existing interpretive content and context.
- Research and outreach to other state agencies, organizations, and communities to inform the creation of outline specifications of interpretive concepts.

2.4 ARBORIST

We will have an arborist visit the site to provide an evaluation of the existing tree health. This will include a memo and map showing the type of trees and whether it is worth trying to save or it should be removed. This information will assist in determining the vegetation to remain at the site if it does not conflict with other improvements.

3.0 SCHEMATIC DESIGN

Site Planning:

In coordination with the design team and NDOT we will develop an SD level site layout showing the proposed facilities, parking, RV dump station, freight parking, fencing needs, gate requirements, site lighting, concrete work, paths, landscape areas, wet utility concepts, and drainage concepts. At this stage grading and control will not be initiated other than enough to vet critical components of the design. This preliminary site plan will also provide detail on what components of the existing sites will be abandoned/demolished so that a discussion and determination can be made by NDOT to confirm the scope of removals.

Interpretive Planning:

- Coordination with design team in formulation of schematic design approach.
- Production of outline specifications of interpretive concepts.

Proposed Facilities:

Schematic floor plans, layouts and locations of all built structures including restroom facilities, shade structures, kiosks, interpretive information, Coordinate requirements for facilities with NDOT personnel and identify equipment dimensions, separation requirements, utility requirements, and additional design criteria.

Preliminary Landscape and Aesthetic Component Design:

Landscape & Irrigation Plans will depict the xeriscape low-water consumption landscaping, and amenities. Plans will indicate any significant trees to be retained & protected during construction. We will propose new, replacement, or upgraded components to the amenities, and to the existing irrigation system. Soil samples will be obtained at the site to verify soil type/chemicals to assist in the selection of plant species to be utilized for the landscaping of the site.

Existing Well Investigation and Evaluation:

We will contract for and oversee the investigation of the condition of the existing well. We will develop specifications for the removal of the existing pump assembly, flushing of the well, conducting a pre-treatment video, preliminary cleaning (via brushing and flushing), and a post cleaning video. We will then hire a licensed well contractor to perform this work. Once the pre-and-post videos are available we will evaluate the condition of the existing well to determine if it is viable for future use with some level of rehabilitation or whether we will need to proceed with the abandonment of the existing well and drilling of a new well. Based on the age of the existing well it may still be in adequate condition and may still meet current public water system requirements (such as a sanitary seal). Based on the finding we will proceed with the appropriate scope under the Design Development Phase for either Well Rehabilitation or the Abandonment and Drilling of a New Well. We will obtain preliminary water chemistry testing.

Preliminary work related to the design of the new Water System:

We will investigate the alternatives for the design the water system components required to serve domestic and irrigation water needs. This will include the following components:

- Preliminary well pumping system evaluation with NDOT, including determination of submersible pump versus vertical turbine style.
- We will review the chlorination system options based on preliminary flow needs and provide NDOT summary of the options and a recommendation for which system appears to be the best for their use. It is assumed that the chlorination system will be either a tablet feed system or a sodium hypochlorite system depending on NDOT's preference and the ease of operation. The system should be equipped with chlorination to alleviate a need to retrofit at a later time. Under this phase we will want concurrence from NDOT on the preferred chlorination system to proceed with towards design.

- We will develop alternatives for providing a pressurized water system and will summarize these alternatives for NDOT along with a recommendation on the type of system to serve the rest area. It is anticipated that with the intermittent flow needs that a hydro-pneumatic pressure system housed within the proposed building may be the best alternative.
- A preliminary layout of water distribution piping to serve the site needs (restrooms, irrigation, and other requested water uses) will be compiled and included in the preliminary site layout discussed above.
- Due to the remote nature of the site and the limited water production and the size of the building no fire suppression systems utilizing water are anticipated. Such systems would require expensive storage tanks and fire pumps that were not distinctly included in the original scope and are therefore not included in this scope of services. If in the process of working through the permitting of the projects with the State Fire Marshall such fire systems become necessary, we can provide an addendum for the additional scope of work.
- Irrigation water is not anticipated to need treatment unless directed by NDOT.

Preliminary work to determine the site of the potential new septic system:

- Based on NRS/NAC requirements we will incorporate into the SD site plan the conceptual layout of the new septic system. This will help us to guide the location of where percolation testing will need to be performed. It is not anticipated that the final septic sizing/location will be completed under this phase as we may still be waiting on final percolation testing and well siting that will be necessary to finalize the sizing/location of the disposal site.

Construction cost estimate:

- The Construction Cost Estimate at the Schematic Design Phase will be based on the most recent schematic design studies, current and historic square foot costs, or other unit costs, including an appropriate design contingency and inflation factor. The cost estimate shall be organized into the MasterSpec format. Cost estimate to include all NDEP permits, utility permits and all other permits except for DEPARTMENT provided permitting with SPWD and SFM.

ADDITIONAL SCOPE FOR THE SCHEMATIC DESIGN PHASE ARE OUTLINED WITHIN ‘EXHIBIT A’

4.0 DESIGN DEVELOPMENT

We will meet with the design team and NDOT to review the comments and input from the previously developed SD package and discuss the specific changes and needs as the design progresses to the DD phase. Design services during the Design Development Phase shall consist of continued development and expansion of the schematic design documents to establish the final scope, relationships, forms, size, and appearance of the Project.

- Establish final scope, relationships, form, size, and appearance of buildings.
- Develop typical details and final material selections.
- Provide preliminary sizing of structural components and coordinate with other systems.
- Identify HVAC equipment locations, sizes, and layouts.
- Plumbing fixtures selected and main piping systems determined.
- Layout lighting, power, communication, and data systems
- Provide code analysis (Basis of Design)

Site Layout

- In coordination with the design team and NDOT we will develop the DD level site layout showing the proposed facilities, parking, RV dump station, fencing needs, gate requirements, site lighting, concrete work, paths, landscape areas, wet utility concepts, and drainage concepts.

- At this stage grading and control will be progressed to allow for refinement of the detailing and progressing the horizontal and vertical elements of the site to a DD level.
- This DD site plan will further refine the detail on what components of the existing site will be abandoned/demolished.
- Begin detailing for the various site components.
- Prepare a drainage report for the project site/area.

Interpretive Planning:

- Collaboration with design team to determine preferred locations, designs, and materials of interpretive displays.
- Research and development of broader historical, cultural, and environmental context to inform content and layout of interpretive displays.
- Continued consultation with state agencies and others regarding site-specific elements.
- Production of written content for interpretive displays.
- Selection of imagery for interpretive displays including acquisition of usage permissions.

Landscape and Irrigation Design:

- Landscape & Irrigation Plans will depict xeriscape low-water consumption landscaping, and amenities. Plans will indicate any significant trees to be retained & protected during construction. We will propose new, replacement, or upgraded components to the amenities, and to the existing irrigation system as required.

Well Rehabilitation and Test Pumping (ALT 1) – Paid with Design Contingency if required.

- Depending on the results of the well investigation/evaluation under the SD Phase We will proceed with either a well rehabilitation or a new well process. Assuming a well rehabilitation is all that is necessary, in this phase of the project we will contract for and oversee the rehabilitation of the existing well based upon the findings from the well condition evaluation conducted during the SD phase. We will develop specification for the rehabilitation, video, water quality sampling, and test pumping activities associated with this task. We will then hire a licensed well contractor to perform this work. We will oversee the rehabilitation and pump testing activities under this task as it is pertinent to the design of the well. Once the post video videos and pump test data is available, we will evaluate the necessary treatment technology based (assumed to be unnecessary for Miller’s based on previous water quality data) on current water quality and will also evaluate the proper sizing of the well pump. All costs for well drillers, well testing pumping, and well investigation contractors are not included in this scope. The cost of these contractors will be an additional service paid for under the contingency.

Well Drilling (ALT 2) - Paid with Design Contingency if required.

- In the event the existing Millers well is found to be past its useful life, we will design and oversee the drilling of a production well for obtaining data for the design and drilling of an ultimately new production well (drilling will be bid/selected/contracted for separately by NDOT). We will develop specifications for the well, water quality sampling, test pumping, and logging activities associated with this task. We will then bid/hire a licensed well contractor to perform this work. We will oversee the well drilling, logging, and pump testing activities under this task as it is pertinent to the design of the new production well. The preliminary design of the well will be based on existing well logs and modifications will be made to the well design upon review of the cuttings. Once the lithology and pump test data are available, we will move to the final design phase for the new production well under the next phase of work. Per NDOT’s request, the production well would be designed and constructed as standalone effort to ensure water is available for future

construction. All costs for well drillers, well testing pumping, and well investigation contractors are not included in this scope. The cost of these contractors will be an additional service paid for under the contingency.

New Water System:

We will progress the design the water system components required to serve domestic and irrigation water needs to the DD level. This will include the following components:

- With the post rehabilitation data available related to water quality and well capacity, we will develop alternatives for coordination with NDOT on the type/size of pump and the methodology for treatment of the well water. This is anticipated to include determination of submersible pump versus vertical turbine style. Based on available historic water quality it is assumed that a water treatment system will not be necessary. Under this phase we will evaluate what water use will require treatment (potable, flush toilets, irrigation, etc.)
- We will advance the design of the chlorination system based NDOT input from the SD phase and the test pumping data/water quality data obtained during this task.
- We will finalize the approach for providing a pressurized water system based upon feedback from NDOT on preferences and will advance this design to a DD level.
- An advanced layout of water distribution piping to serve the site needs (restrooms, irrigation, and other requested water uses) will be compiled and included with the DD site layout discussed above.

New Septic Disposal System:

- Using the percolation testing obtained during the SD phase and estimates for waste disposal volumes, we will advance the design of the septic disposal field to a DD level including horizontal layout and preliminary vertical layout and detailing.

Construction cost estimate:

- Construction cost estimate services during the Design Development Phase shall consist of a refinement of the Schematic cost estimate for the Project.

ADDITIONAL SCOPE FOR THE DESIGN DEVELOPMENT PHASE ARE OUTLINED WITHIN ‘EXHIBIT A’

5.0 CONSTRUCTION DOCUMENTS

Based on review comments from Design Development Documents and NDOT, we will prepare the Construction Documents addressing any comments or changes arising from the Design Development Phase review.

We will meet with NDOT to present and review the construction documents after all plan check comments have been addressed and have been incorporated into the construction documents. Documents to be presented and reviewed at this meeting shall include Supplemental General Conditions and bid alternates.

New Water System:

We will progress the design the water system components required to serve domestic and irrigation water needs to the CD level. This will include the following components:

- Finalize the pumping system design and detailing.
- Finalize the well design and detailing.
- Finalize the treatment system design and detailing.
- Finalize the chlorination system design and detailing.
- Finalize the pressure system design and detailing.

- Finalize the distribution system design and detailing.
- Permitting with NDEP Bureau of Safe Drinking Water

New Septic Disposal System:

- Finalize the septic disposal and collection system design and detailing.
- Permitting with NDEP

Interpretive Planning:

- Preparation of interpretive display designs, incorporating statewide branding themes as directed.
- Production and preparation of final graphic files for fabrication of interpretive displays.
- Consultation with state agencies and other designated partners to review interpretive display designs and incorporation of revisions as requested.
- Coordination with design team regarding physical structures and fabrication specifications, including specification of hardware and integration solutions.

Construction cost estimate:

- Construction cost estimate services during the Construction Documents Phase shall consist of a refinement of the Design Development cost estimate for the Project.

Other Elements of the Construction Documents phase include:

- Preparing construction drawings and specifications showing the final character and extent of the project.
- Perform a QC review of construction plans and documents.
- Prepare any revisions to construction documents requested and obtain approval from the following State agencies as needed:
 - Department of Transportation
 - Department of Tourism and Cultural Affairs
 - State Public Works Division Building Department
 - State Fire Marshal Office

We will meet with NDOT to present and review the construction documents after all plan check comments have been addressed and have been incorporated into the construction documents. Documents to be presented and reviewed at this meeting shall include Supplemental General Conditions and bid alternates.

ADDITIONAL SCOPE FOR THE CONSTRUCTION DOCUMENTS ARE OUTLINED WITHIN ‘EXHIBIT A’

6.0 BIDDING SERVICES

From approved construction documents, we will prepare and satisfactorily complete the bid documents. Bid documents shall include the Drawings, Specifications and Supplemental Notice(s). NDOT will assemble the bid documents and distribute the sets as required. We will provide the following:

- Prepare construction drawings and specifications showing the character and extent of the project based on the accepted design documents.
- Answer RFI's
- Produce Addendums
- Attend any pre-bid conferences.
- Attend the bid opening.
- Assist the DEPARTMENT with a recommendation for the award of the construction contract.

- Bids in Excess of the Construction Budget: If the low bid received exceeds the construction budget by more than Seven percent (7%), revise all bid documents and furnish new bid documents to the DEPARTMENT at no increase in fee and repeat all requirements of this Section.

ADDITIONAL SCOPE FOR THE BIDDING PHASE ARE OUTLINED WITHIN 'EXHIBIT A'

7.0 CONSTRUCTION ADMINISTRATION

The Construction Administration Phase shall commence with the issuance of the Notice to Proceed to the Contractor(s) and terminate one (1) year after the effective date of when the DEPARTMENT issues the Certificate of Substantial Completion. We will provide technical assistance to DEPARTMENT personnel in accordance with the Scope of Services in 'Exhibit A'.

- The Architect will visit the site monthly during construction of the structures.
- The proposal includes three site visits during construction by the Civil Engineer, Structural Engineer, Mechanical Engineer, and Electrical Engineer.

ADDITIONAL SCOPE FOR THE CONSTRUCTION ADMIN. PHASE ARE OUTLINED WITHIN 'EXHIBIT A'

8.0 CONTRACT AND CONSTRUCTION CLOSEOUT

We will review any operation and maintenance manuals provided for the site components and provide comments if any. We will provide one hard copy and one set of electronic drawings on compact disk to NDOT. Record Drawing information shall be as represented by the Contractor to the engineer and may not represent an as-built condition.

ADDITIONAL SCOPE FOR THE CONTRACT AND CONSTRUCTION CLOSEOUT PHASE ARE OUTLINED WITHIN 'EXHIBIT A'

BASIC SERVICES PROJECT TEAM

Professional services include Architectural Design/Project Management, Hazardous Materials Assessment, Topographical Survey, Geotechnical Investigation, Interpretive Planning, Civil Engineering, Landscape Architecture, Arborist Evaluation, Structural Engineering, Mechanical Engineering, and Electrical Engineering.

Basic Services Project Team

Architecture/Project Management	H+K Architects
Hazardous Materials Assessment	McGinley & Associates
Interpretive Planning	Stories in Place, LLC
Topographic Survey	Lumos & Associates
Geotechnical investigation	Lumos & Associates
Civil Engineering	Lumos & Associates
Landscape Architecture	Lumos & Associates

Structural Engineering
 Mechanical Engineering
 Electrical Engineering

CFBR Structural Group
 Ainsworth & Associates
 PK Electrical, Inc.

FEE SUMMARY

We propose to provide the Services outlined above for a fixed fee of One Million Three Hundred Thousand Dollars (\$1,300,000.00) broken down per phase as follows:

Phase	% of Total	Fee
Geotechnical Analysis	2%	\$25,000
Topographic Survey	3%	\$38,000
Hazardous Materials Assessment	1%	\$7,000
Schematic Design	17%	\$225,000
Design Development	25%	\$320,000
Construction Documents	29%	\$375,000
Bidding	3%	\$40,000
Construction Administration	21%	\$270,000
Contract/Construction Closeout	2%	\$25,000
Total Fee	100%	\$1,300,000

CONDITIONS

The above proposal is established based on the following conditions:

1. We recommend NDOT include a \$200,000.00 design contingency for Alt 1 and Alt 2 (Well Rehabilitation and Well Drilling) should this scope be required.
2. We recommend NDOT include a \$300,000.00 design contingency across the three rest area sites for the following (if required):
 - a. Additional Potholing and/or ground penetrating radar
 - b. Extraordinary coordination with underlying fee owners.
 - c. Geothermal investigations and design work
 - d. O&M Manual preparation
3. Our Interpretive Planning Scope is based on an overall fee of \$16,000.00 for this site and includes the basic scope derived from the information provided to date.
4. We will provide Hazardous Material Assessment (Sample Testing) at site structures to be demolished, but we will assume no hazardous materials exist at each site. Drawings, Specifications, Monitoring, Clearance, etc. will be an Additional Service by Addendum if hazardous materials are identified and these services are required. Lead-based paint sampling/analysis is not needed for demolition activities. Microbial sampling/analysis is not needed for demolition activities.
5. No material testing/inspections is included other than for the well rehabilitation and test well construction. Material testing for test well construction is limited to verifying gradation from coring samples to size the screen materials.
6. No construction staking is included except for staking required for locating test well locations during the design process.
7. Based on the available water quality data, we are assuming that the Millers site will not require water treatment but will require new wells based on the age of the existing wells. In the event high level water treatment (other than chlorination) is required for Millers, we reserve the right to request an amendment for additional services since the need could not be anticipated.

8. The preliminary well assessment work will require specialized contractors to perform the necessary tasks. Due to the need to fully define the scope at each site and to solicit pricing for the work we do not have a definitive cost for what the well evaluation work will cost. We have included a budget for the well evaluation contractor as part of the Condition NO. 1 Contingency.
9. There is the potential that the existing wells will need to be re-drilled. Prior to designing the new wells, we recommend the drilling of test wells to verify aquifer characteristics and water quality. However, per NDOT's direction they desire to drill the wells based on existing data. We have not included test wells in our fees/contingency. We have planned to design and oversee the drilling of the wells at the sites (or design and oversee complete well rehabilitation activities). The design and oversight costs of wells or well rehabilitations are included in Condition NO. 1 Contingency. The contractor costs for either rehabilitation of existing wells or drilling of wells is an unknown at this point. We have included a budget for the well rehab or well contractor as part of the Condition NO. 1 Contingency.
10. We have not included any time or budget in any tasks for contractor costs associated with the construction of final production wells. We have included time in our budgets for design and permitting of production wells as required.
11. We have included a factor for cost escalations over the life of this project from design through construction assuming construction is completed within 5 years from contract initiation.
12. This proposal does not include separate stand along freight facilities (septic, water, buildings) but does include freight parking. In the event stand-alone freight facilities are added to the project we will prepare an addendum for those additional services.
13. Services related to a formal LEED Accreditation and/or alternative energy sources such as solar photovoltaics and/or wind turbines are not included.
14. Lifetime energy analysis or lifetime cost reports are not included.
15. Snow Melt Systems are not included.
16. If covered automobile parking is required, the solution will be a prefabricated structure.
17. Fire suppression for site or structures is not included. This exclusion extends to the following:
 - a. Fire Hydrants are not included.
 - b. Fire Sprinklers within structures not included.
 - c. Fire Water Storage for either structures or hydrants is not included.
 - d. No Fire Sprinkler Pumps are anticipated.
18. No emergency generators of any kind are currently anticipated.
19. Agency review fees are not included.
20. The proposal includes monthly site visits during construction of the structures by the Architect.
21. The proposal includes up to five site visits by the Civil Engineer and three each by the Structural Engineer, Mechanical Engineer, and Electrical Engineer.

Please call if you have any questions or wish to discuss this Proposal. Thank you for your consideration of H+K Architects.

Sincerely,



Jeff Klippenstein, AIA



Proposal

March 11, 2021

Ross Baker, PE

Buildings Capital Improvements Manager
NDOT Architecture Division
1301 Hot Springs Road, Room 106
Carson City NV 89706

Re: Trinity Full Service Welcome Station

Dear Ross,

We are pleased to submit this proposal which outlines professional Architectural and Engineering design services for the new Trinity Full Service Welcome Station. We have included a project description, scope of work, list of the project team and our proposed fee.

Please refer to attached NDOT produced 'Attachment A Scope of Services inc Appendix 1 and 2' referred to as '**Exhibit A**' for the scope of work this Proposal addresses.

PROJECT DESCRIPTION

- Trinity – about 38 miles northeast of Fernley on Interstate Route 80 at the junction of I-80 and US 95
- This location is to be a new Full-Service Rest Area with a Welcome Station and will require:
 - Demolition of the existing Clivus Multrum toilet facility and dispose of per NDEP requirements.
 - New ADA Full-Service Rest Area with a manned Welcome Station
 - Existing well to be developed and permitted per NDEP BSDW requirements
 - New septic system with NDEP BWPC approvals
 - New landscape and aesthetic elements (kiosks, sculptures, cultural info, etc.)
 - Revise drainage, passenger car parking, truck parking, picnic shelters and other site amenities
 - Stormwater drainage shall include a Low Impact Development (LID) component in the design.
 - Install wireless internet, electric vehicle charging stations, dog run area and other facilities for a Welcome Station.
 - Power available at the site. NDOT is proceeding with an application to NVE to begin design of a 480V 3-phase line extension to serve the site.
 - Other elements or amenities to be confirmed in the Schematic Design Phase

H+K ARCHITECTS

5485 Reno Corporate Drive, Suite 100
Reno, Nevada 89511-2262

P 775+332+6640
F 775+332+6642

hkarchitects.com

SCOPE OF WORK

1.0 KICKOFF MEETING

A Kickoff Meeting is essential to ensuring a quality project, with adherence to cost and schedule constraints, and consistency with the NDOT's expectations. The design team will meet key NDOT staff to outline tasks, responsibilities, budgets, and schedule. At a minimum, the agenda for this kickoff meeting would include:

- Establish lines of communication and team responsibilities.
- Review project background and confirm scope of work.
- Identification of key stakeholders
- Discuss permitting requirements and utility coordination with right of way.
- Identify specific needs for surveying and the geotechnical investigation.
- Identify data needs including access and circulation, record drawings, utility maps.
- Discussion of relevant issues that may be critical to the project.
- Workplan and Deliverables
- Schedule

2.0 TOPOGRAPHIC SURVEY AND BOUNDARY SURVEY

A project base map will be created using a combination of aerial photogrammetry and ground collected survey field shots. The project will be flown at an appropriate elevation to obtain a horizontal scale of 1"=40' with a 1' contour interval accuracy. Field shots will be obtained at critical locations such as edge of roadways, utilities, and storm drain features to be combined with the aerial provided digital terrain model to supplement the base map. A digital terrain model, topographic base map, and color orthophoto will be generated using the combination of ground and aerial collected data.

Control for the project will be referenced to the Nevada Coordinate System, NAD83 using a local combined scale factor to establish ground values for the base map. The vertical datum for the project will be reference to NAVD88.

We will review Right of Way Mapping and Parcel Maps from the Nevada Department of Transportation (N.D.O.T.) and respective County. During the ground survey portion of this project existing highway monuments will be located along the project corridor. A best fit of the existing right of way and property boundaries will be made based upon found monuments and record mapping. This property boundary will be incorporated into the site's base map as part of the survey deliverable.

We will also hire a utility locate company to visit the site and perform a surface locate of utilities that are conducive to being located. We will include the located utilities in our field topography and will combine that with old plan data to generate an existing utility survey for use in design. If potholing is required or requested by NDOT, we will perform this work under as an additional service under the contingency for the site as this cost is not in our current scope. If ground penetrating radar is required or requested by NDOT, we will perform this work as an additional service under the contingency for the site as this cost is not in our current scope.

We will include NDOT Right of Way coordination and modification of existing easements or acquisition support for new easements if necessary, from the underlying fee owners. Our support will be related solely to the creation of legal descriptions for the boundary and easements. It is assumed that NDOT personnel will conduct the negotiations with the underlying fee ownership and will create the actual grant deed documents. If our

involvement in coordination with underlying fee owners is required or requested by NDOT, we will perform this work as an additional service under the contingency for the site as this cost is not in our current scope.

2.1 GEOTECHNICAL INVESTIGATION AND PERCOLATION TESTING

For the Geotechnical scope of work, we will complete a field investigation that will consist of subsurface test pits at three (3) locations across the site. Exploration depth will be approximately 10-15 feet below ground surface, or practical refusal, whichever comes first. We will provide the excavation services and the USA dig clearance.

For the percolation testing scope of work, we will complete a field investigation that will consist of one (1) subsurface test pit near the proposed septic field site. Exploration depth will extend at least 10-15 feet below ground surface, or practical refusal, whichever comes first. We will perform two (2) percolation tests in the test pit at different depths. We understand we will provide the excavation services and the USA Dig clearance.

We will provide sampling of each exploration, classify the encountered soils in accordance with the Unified Soil Classification System (USCS), and conduct laboratory testing on the samples collected. Additionally, we propose to perform engineering analyses and calculations and develop a final Geotechnical Investigation Report that will discuss the geologic setting, seismic considerations, exploration and site condition, field and laboratory test data, and our conclusions and recommendations from a Geotechnical perspective. Our Geotechnical Investigation will be prepared by a Nevada Registered Civil Engineer and will specifically include the following services:

Field Investigation will include:

- Logging of all Soil Profiles Based on USCS
- Water Table Measurement, if Encountered
- Percolation Testing

Laboratory analysis may include:

- Expansion Index (ASTM D-4829)
- Atterberg Limits (ASTM D-4318)
- Moisture Density Curve (ASTM D-1557)
- R-Value (ASTM D-2844)
- Direct Shear (ASTM D 3080)
- Grain Size Analysis (including fines content) (ASTM C-136)
- pH, Soluble Sulfate and Resistivity

Report, Recommendations, and Conclusions:

- Exploration Logs
- Percolation Test Results
- Soil Types and Classification
- Laboratory Test Results
- Geotechnical Discussion
- Foundation Recommendations
- Bearing Capacity and Settlement (remolded as soils at footing at re-compacted or fill)
- Grading Recommendations
- Asphalt Pavement Recommendations
- Portland Cement Concrete Recommendations
- Construction Procedures

- Groundwater Level, if encountered

2.2 PRE-DEMOLITION ASBESTOS SURVEY

The existing Trinity Rest Area facility is comprised of a 1,943 square foot building constructed in 1982 and expanded in 1987. As the scope of the project will include the demolition of this structure, we will conduct an asbestos survey to identify the presences of any materials containing asbestos pursuant to the following requirements:

- EPA's 40 CFR Part 61 – National Emission Standard for Asbestos (NESHAP).
- EPA's 40 CFR Part 763, Subpart E – Asbestos -Containing Materials in Schools (AHERA).
- Nevada OSHA – NAC 618.850-618.986
- OSHA's "Criteria to rebut the designation of installed material as PACM (Presumed Asbestos Containing Material)", 1926.1101(k)(5).

An initial walk through the subject site will be conducted to identify homogenous suspect materials containing asbestos and their respective locations. This information will then be used to develop a sample collection strategy. Samples of suspect asbestos containing materials (ACMs) will be collected and submitted to a certified laboratory for analysis by polarized light microscopy (PLM). Sample analysis will be conducted according to EPA protocol described in the Asbestos Hazard Emergency Response Act (Code of Federal Regulations, Section 40, Part 763). It is estimated that approximately 40 bulk samples will be collected for this survey.

The survey will identify the quantity and locations of asbestos containing materials within the subject property building. If asbestos is discovered, survey information can be used to produce an additional services proposal and Addendum to our contract to provide the required drawings and specifications for the removal of asbestos containing materials prior to building demolition. ***This Proposal assumes asbestos containing materials will not be discovered.***

2.3 INTERPRETIVE PLANNING

For schematic design work to be informed by specific site and contextual forces, we will perform some Pre-Design Interpretive Planning Scope as follows:

- Consultation with NDOT and Department of Tourism and Cultural Affairs to ascertain state interpretive goals, designated partners, and review procedures.
- Site visits to each rest area location to review existing interpretive content and context.
- Research and outreach to other state agencies, organizations, and communities to inform the creation of outline specifications of interpretive concepts.

3.0 SCHEMATIC DESIGN

Site Planning:

In coordination with the design team and NDOT we will develop an SD level site layout showing the proposed facilities, parking, RV dump station, fencing needs, gate requirements, site lighting, concrete work, paths, landscape areas, wet utility concepts, and drainage concepts. At this stage grading and control will not be

initiated other than enough to vet critical components of the design. This preliminary site plan will also provide detail on what components of the existing site will be abandoned/demolished so that a discussion and determination can be made by NDOT to confirm the scope of removals.

Interpretive Planning:

- Coordination with design team in formulation of schematic design approach.
- Production of outline specifications of interpretive concepts.

Proposed Facilities:

Schematic floor plans, layouts and locations of all built structures including restroom facilities, shade structures, kiosks, interpretive information, Coordinate requirements for facilities with NDOT personnel and identify equipment dimensions, separation requirements, utility requirements, and additional design criteria.

Preliminary Landscape and Aesthetic Component Design:

Landscape & Irrigation Plans will depict the xeriscape low-water consumption landscaping, and amenities. Plans will indicate any significant trees to be retained & protected during construction. We will propose new, replacement, or upgraded components to the amenities, and to the existing irrigation system. Soil samples will be obtained at the site to verify soil type/chemicals to assist in the selection of plant species to be utilized for the landscaping of the site.

Existing Well Investigation and Evaluation:

We will contract for and oversee the investigation of the condition of the existing well. We will develop specifications for the removal of the existing pump assembly, flushing of the well, conducting a pre-treatment video, preliminary cleaning (via brushing and flushing), and a post cleaning video. We will then hire a licensed well contractor to perform this work. Once the pre-and-post videos are available we will evaluate the condition of the existing well to determine if it is viable for future use with some level of rehabilitation or whether we will need to proceed with the abandonment of the existing well and drilling of a new well. Based on the age of the existing well it may still be in adequate condition and may still meet current public water system requirements (such as a sanitary seal). Based on the finding we will proceed with the appropriate scope under the Design Development Phase for either Well Rehabilitation or the Abandonment and Drilling of a New Well. We will obtain preliminary water chemistry testing.

Preliminary work related to the design of the new Water System:

We will investigate the alternatives for the design the water system components required to serve domestic and irrigation water needs. This will include the following components:

- Preliminary well pumping system evaluation with NDOT, including determination of submersible pump versus vertical turbine style.
- We will review the chlorination system options based on preliminary flow needs and provide NDOT summary of the options and a recommendation for which system appears to be the best for their use. It is assumed that the chlorination system will be either a tablet feed system or a sodium hypochlorite system depending on NDOT's preference and the ease of operation. The system should be equipped with chlorination to alleviate a need to retrofit at a later time. Under this phase we will want concurrence from NDOT on the preferred chlorination system to proceed with towards design.
- We will develop alternatives for providing a pressurized water system and will summarize these alternatives for NDOT along with a recommendation on the type of system to serve the rest area. It is anticipated that with the intermittent flow needs that a hydro-pneumatic pressure system housed within the proposed building may be the best alternative.

- A preliminary layout of water distribution piping to serve the site needs (restrooms, irrigation, and other requested water uses) will be compiled and included in the preliminary site layout discussed above.
- Due to the remote nature of the site and the limited water production and the size of the buildings no fire suppression systems utilizing water are anticipated. Such systems would require expensive storage tanks and fire pumps that were not distinctly included in the original scope and are therefore not included in this scope of services. If in the process of working through the permitting of the projects with the State Fire Marshall such fire systems become necessary, we can provide an addendum for the additional scope of work.
- Irrigation water is not anticipated to need treatment unless directed by NDOT.

Preliminary work to determine the site of the potential new septic system:

- Based on NRS/NAC requirements we will incorporate into the SD site plan the conceptual layout of the new septic system. This will help us to guide the location of where percolation testing will need to be performed. It is not anticipated that the final septic sizing/location will be completed under this phase as we may still be waiting on final percolation testing and well siting that will be necessary to finalize the sizing/location of the disposal sites.

Construction cost estimate:

- The Construction Cost Estimate at the Schematic Design Phase will be based on the most recent schematic design studies, current and historic square foot costs, or other unit costs, including an appropriate design contingency and inflation factor. The cost estimate shall be organized into the MasterSpec format. Cost estimate to include all NDEP permits, utility permits and all other permits except for DEPARTMENT provided permitting with SPWD and SFM.

ADDITIONAL SCOPE FOR THE SCHEMATIC DESIGN PHASE ARE OUTLINED WITHIN ‘EXHIBIT A’

4.0 DESIGN DEVELOPMENT

We will meet with the design team and NDOT to review the comments and input from the previously developed SD package and discuss the specific changes and needs as the design progresses to the DD phase. Design services during the Design Development Phase shall consist of continued development and expansion of the schematic design documents to establish the final scope, relationships, forms, size, and appearance of the Project.

- Establish final scope, relationships, form, size, and appearance of buildings.
- Develop typical details and final material selections.
- Provide preliminary sizing of structural components and coordinate with other systems.
- Identify HVAC equipment locations, sizes, and layouts.
- Plumbing fixtures selected and main piping systems determined.
- Layout lighting, power, communication, and data systems
- Provide code analysis (Basis of Design)

Site Layout

- In coordination with the design team and NDOT we will develop the DD level site layout showing the proposed facilities, parking, RV dump station, fencing needs, gate requirements, site lighting, concrete work, paths, landscape areas, wet utility concepts, and drainage concepts.
- At this stage grading and control will be progressed to allow for refinement of the detailing and progressing the horizontal and vertical elements of the site to a DD level.

- This DD site plan will further refine the detail on what components of the existing site will be abandoned/demolished.
- Begin detailing for the various site components.
- Prepare a drainage report for the project site/area.

Interpretive Planning:

- Collaboration with design team to determine preferred locations, designs, and materials of interpretive displays.
- Research and development of broader historical, cultural, and environmental context to inform content and layout of interpretive displays.
- Continued consultation with state agencies and others regarding site-specific elements.
- Production of written content for interpretive displays.
- Selection of imagery for interpretive displays including acquisition of usage permissions.

Landscape and Irrigation Design:

- Landscape & Irrigation Plans will depict xeriscape low-water consumption landscaping, and amenities. We will propose new, replacement, or upgraded components to the amenities, and to the existing irrigation system as required.

Well Rehabilitation and Test Pumping (ALT 1) – Paid with Design Contingency if required.

- Depending on the results of the well investigation/evaluation under the SD Phase We will proceed with either a well rehabilitation or a new well process. Assuming a well rehabilitation is all that is necessary, in this phase of the project we will contract for and oversee the rehabilitation of the existing well based upon the findings from the well condition evaluation conducted during the SD phase. We will develop specification for the rehabilitation, video, water quality sampling, and test pumping activities associated with this task. We will then hire a licensed well contractor to perform this work. We will oversee the rehabilitation and pump testing activities under this task as it is pertinent to the design of the well. Once the post video videos and pump test data is available, we will evaluate the necessary treatment technology based (assumed to be unnecessary for Miller’s based on previous water quality data) on current water quality and will also evaluate the proper sizing of the well pump. All costs for well drillers, well testing pumping, and well investigation contractors are not included in this scope. The cost of these contractors will be an additional service under the contingency.

Well Drilling (ALT 2) - Paid with Design Contingency if required.

- In the event the existing Trinity well is found to be past its useful life, we will design and oversee the drilling of a production well for obtaining data for the design and drilling of an ultimately new production well (drilling will be bid/selected/contracted for separately by NDOT). We will develop specifications for the well, water quality sampling, test pumping, and logging activities associated with this task. We will then bid/hire a licensed well contractor to perform this work. We will oversee the well drilling, logging, and pump testing activities under this task as it is pertinent to the design of the new production well. The preliminary design of the well will be based on existing well logs and modifications will be made to the well design upon review of the cuttings. Once the lithology and pump test data are available, we will move to the final design phase for the new production well under the next phase of work. Per NDOT’s request, the production well would be designed and constructed as standalone effort to ensure water is available for future construction. All costs for well drillers, well testing pumping, and well investigation contractors are not included in this scope. The cost of these contractors will be an additional service under the contingency.

New Water System:

Under this component, we will progress the design the water system components required to serve domestic and irrigation water needs to the DD level. This will include the following components:

- With the post rehabilitation data available related to water quality and well capacity, we will develop alternatives for coordination with NDOT on the type/size of pump and the methodology for treatment of the well water. This is anticipated to include determination of submersible pump versus vertical turbine style. Based on available historic water quality it is assumed that a reverse osmosis treatment system will be necessary. Under this phase we will evaluate what water use will require treatment (potable, flush toilets, irrigation, etc.)
- We will advance the design of the chlorination system based NDOT input from the SD phase and the test pumping data/water quality data obtained during this task.
- We will finalize the approach for providing a pressurized water system based upon feedback from NDOT on preferences and will advance this design to a DD level.
- An advanced layout of water distribution piping to serve the site needs (restrooms, irrigation, and other requested water uses) will be compiled and included with the DD site layout discussed above.

New Septic Disposal System:

- Using the percolation testing obtained during the SD phase and estimates for waste disposal volumes, we will advance the design of the septic disposal fields to a DD level including horizontal layout and preliminary vertical layout and detailing.

Construction cost estimate:

- Construction cost estimate services during the Design Development Phase shall consist of a refinement of the Schematic probable construction cost for the Project.

ADDITIONAL SCOPE FOR THE DESIGN DEVELOPMENT PHASE ARE OUTLINED WITHIN ‘EXHIBIT A’

5.0 CONSTRUCTION DOCUMENTS

Based on review comments from Design Development Documents and NDOT, we will prepare the Construction Documents addressing any comments or changes arising from the Design Development Phase review.

We will meet with NDOT to present and review the construction documents after all plan check comments have been addressed and have been incorporated into the construction documents. Documents to be presented and reviewed at this meeting shall include Supplemental General Conditions and bid alternates.

New Water System:

We will progress the design the water system components required to serve domestic and irrigation water needs to the CD level. This will include the following components:

- Finalize the pumping system design and detailing.
- Finalize the well design and detailing.
- Finalize the treatment system design and detailing.
- Finalize the chlorination system design and detailing.
- Finalize the pressure system design and detailing.
- Finalize the distribution system design and detailing.
- Permitting with NDEP Bureau of Safe Drinking Water

New Septic Disposal System:

- Finalize the septic disposal and collection system design and detailing.
- Permitting with NDEP

Interpretive Planning:

- Preparation of interpretive display designs, incorporating statewide branding themes as directed.
- Production and preparation of final graphic files for fabrication of interpretive displays.
- Consultation with state agencies and other designated partners to review interpretive display designs and incorporation of revisions as requested.
- Coordination with design team regarding physical structures and fabrication specifications, including specification of hardware and integration solutions.

Construction cost estimate:

- Construction cost estimate services during the Construction Documents Phase shall consist of a refinement of the Design Development Cost Estimate for the Project.

Other Elements of the Construction Documents phase include:

- Preparing construction drawings and specifications showing the final character and extent of the project.
- Perform a QC review of construction plans and documents.
- Prepare any revisions to construction documents requested and obtain approval from the following State agencies as needed:
 - Department of Transportation
 - Department of Tourism and Cultural Affairs
 - State Public Works Division Building Department
 - State Fire Marshal Office

We will meet with NDOT to present and review the construction documents after all plan check comments have been addressed and have been incorporated into the construction documents. Documents to be presented and reviewed at this meeting shall include Supplemental General Conditions and bid alternates.

ADDITIONAL SCOPE FOR THE CONSTRUCTION DOCUMENTS ARE OUTLINED WITHIN ‘EXHIBIT A’

6.0 BIDDING SERVICES

From approved construction documents, we will prepare and satisfactorily complete the bid documents. Bid documents shall include the Drawings, Specifications and Supplemental Notice(s). NDOT will assemble the bid documents and distribute the sets as required. We will provide the following:

- Prepare construction drawings and specifications showing the character and extent of the project based on the accepted design documents.
- Answer RFI's
- Produce Addendums
- Attend any pre-bid conferences.
- Attend the bid opening.
- Assist the DEPARTMENT with a recommendation for the award of the construction contract.
- Bids in Excess of the Construction Budget: If the low bid received exceeds the construction budget by more than Seven percent (7%), revise all bid documents and furnish new bid documents to the DEPARTMENT at no increase in fee and repeat all requirements of this Section.

ADDITIONAL SCOPE FOR THE BIDDING PHASE ARE OUTLINED WITHIN ‘EXHIBIT A’

7.0 CONSTRUCTION ADMINISTRATION

The Construction Administration Phase shall commence with the issuance of the Notice to Proceed to the Contractor(s) and terminate one (1) year after the effective date of when the DEPARTMENT issues the Certificate of Substantial Completion. We will provide technical assistance to DEPARTMENT personnel in accordance with the Scope of Services in ‘Exhibit A’.

- The Architect will visit the site monthly during construction of the structures.
- The proposal includes three site visits during construction by the Civil Engineer, Structural Engineer, Mechanical Engineer, and Electrical Engineer.

ADDITIONAL SCOPE FOR THE CONSTRUCTION ADMIN. PHASE ARE OUTLINED WITHIN ‘EXHIBIT A’

8.0 CONTRACT AND CONSTRUCTION CLOSEOUT

We will review any operation and maintenance manuals provided for the site components and provide comments if any. We will provide one hard copy and one set of electronic drawings on compact disk to NDOT. Record Drawing information shall be as represented by the Contractor to the engineer and may not represent an as-built condition.

ADDITIONAL SCOPE FOR THE CONTRACT AND CONSTRUCTION CLOSEOUT PHASE ARE OUTLINED WITHIN ‘EXHIBIT A’

BASIC SERVICES PROJECT TEAM

Professional services include Architectural Design/Project Management, Hazardous Materials Assessment, Topographical Survey, Geotechnical Investigation, Interpretive Planning, Civil Engineering, Landscape Architecture, Structural Engineering, Mechanical Engineering, and Electrical Engineering.

Basic Services Project Team

Architecture/Project Management	H+K Architects
Hazardous Materials Assessment	McGinley & Associates
Interpretive Planning	Stories in Place, LLC
Topographic Survey	Lumos & Associates
Geotechnical investigation	Lumos & Associates
Civil Engineering	Lumos & Associates
Landscape Architecture	Lumos & Associates
Structural Engineering	CFBR Structural Group
Mechanical Engineering	Ainsworth & Associates
Electrical Engineering	PK Electrical, Inc.

FEE SUMMARY

We propose to provide the Services outlined above for a fixed fee of One Million Five Hundred Thousand Dollars (\$1,500,000.00) broken down per phase as follows:

Phase	% of Total	Fee
Geotechnical Analysis	2%	\$25,000
Topographic Survey	3%	\$45,000
Hazardous Materials Assessment	1%	\$10,000
Schematic Design	17%	\$260,000
Design Development	23%	\$350,000
Construction Documents	30%	\$450,000
Bidding	3%	\$50,000
Construction Administration	21%	\$310,000
Contract/Construction Closeout	2%	\$25,000
Total Fee	100%	\$1,500,000

CONDITIONS

The above proposal is established based on the following conditions:

1. We recommend NDOT include a \$200,000.00 design contingency for Alt 1 and Alt 2 (Well Rehabilitation and Well Drilling) should this scope be required.
2. We recommend NDOT include a \$300,000.00 design contingency across the three rest area sites for the following (if required):
 - a. Additional Potholing and/or ground penetrating radar
 - b. Extraordinary coordination with underlying fee owners.
 - c. Geothermal investigations and design work
 - d. O&M Manual preparation
3. Our Interpretive Planning Scope is based on an overall fee of \$16,000.00 for this site and includes the basic scope derived from the information provided to date.
4. We will provide Hazardous Material Assessment (Sample Testing) at structures to be demolished, but we will assume no hazardous materials exist. Drawings, Specifications, Monitoring, Clearance, etc. will be an Additional Service by Addendum if hazardous materials are identified and these services are required. Lead-based paint sampling/analysis is not needed for demolition activities. Microbial sampling/analysis is not needed for demolition activities.
5. No material testing/inspections is included other than for the well rehabilitation and test well construction. Material testing for test well construction is limited to verifying gradation from coring samples to size the screen materials.
6. No construction staking is included except for staking required for locating test well locations during the design process.
7. Based on previous water quality data, we are assuming the Trinity site will require water treatment in the form of reverse osmosis.
8. The preliminary well assessment work will require specialized contractors to perform the necessary tasks. Due to the need to fully define the scope at each site and to solicit pricing for the work we do not have a

definitive cost for what the well evaluation work will cost. We have included a budget for the well evaluation contractor as part of the Condition NO. 1 Contingency.

9. There is the potential that the existing wells will need to be re-drilled. Prior to designing the new well, we recommend the drilling of A test well to verify aquifer characteristics and water quality. However, per NDOT's direction they desire to drill the well based on existing data. We have not included a test well in our fees/contingency. We have planned to design and oversee the drilling of the well (or design and oversee complete well rehabilitation activities). The design and oversight costs of a well or well rehabilitations are included in Condition NO. 1 Contingency. The contractor costs for either rehabilitation of the existing well or drilling of a new well is an unknown at this point. We have included a budget for the well rehab or well contractor as part of the Condition NO. 1 Contingency.
10. We have not included any time or budget in any tasks for contractor costs associated with the construction of a final production well. We have included time in our budgets for design and permitting of a production well as required.
11. We have included a factor for cost escalations over the life of this project from design through construction assuming construction is completed within 5 years from contract initiation.
12. This proposal does not include separate stand alone freight facilities (septic, water, buildings) but does include freight parking. In the event stand-alone freight facilities are added to the project we will prepare an addendum for those additional services.
13. Services related to a formal LEED Accreditation and/or alternative energy sources such as solar photovoltaics and/or wind turbines are not included.
14. Lifetime energy analysis or lifetime cost reports are not included.
15. Snow Melt Systems are not included.
16. If covered automobile parking is required, the solution will be a prefabricated structure.
17. Fire suppression for site or structures is not included. This exclusion extends to the following:
 - a. Fire Hydrants are not included.
 - b. Fire Sprinklers within structures not included.
 - c. Fire Water Storage is for either structures or hydrants is not included.
 - d. No Fire Sprinkler Pumps are anticipated.
18. No emergency generators of any kind are currently anticipated.
19. Agency review fees are not included.
20. The proposal includes up to five site visits by the Architect and Civil Engineer, and three each by the Structural Engineer, Mechanical Engineer, and Electrical Engineer.

Please call if you have any questions or wish to discuss this Proposal. Thank you for your consideration of H+K Architects.

Sincerely,



Jeff Klippenstein, AIA

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):

Hershenow + Klippenstein Architects; dba H+K Architects

5. Corporate/Business Entity Street Address:

Street Address: 5484 Reno Corporate Drive, Suite 100	Website: hkarchitects.com
City, State and Zip Code: Reno, NV 89511	Point of Contact Name: Jeff Klippenstein
Telephone and Fax No. 775-870-4877; 775-332-6642	Email: jeff@hkarchitects.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)
Jeffrey Mark Klippenstein	Secretary/Treasurer	50%
M. Max Hershenow, Jr.	President	50%

*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

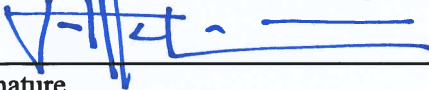
2. Are any individual members, partners, owners or principals have a first or second degree of consanguinity related to a NDOT full-time employee(s) or appointed/elected official(s)?

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

Jeff Klippenstein

 Print Name

Secretary/Treasurer

 Title

March 19, 2021

 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



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

MEMORANDUM

April 28, 2021

TO: Department of Transportation Board of Directors

FROM: Kristina Swallow, P.E., Director

SUBJECT: May 10, 2021 | Transportation Board of Directors Meeting

ITEM #7: 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 March 12, 2021 through April 8, 2021.
- Agreements under \$300,000 executed March 12, 2021 through April 8, 2021.
- Settlements entered into by the Department which were presented for approval to the Board of Examiners March 12, 2021 through April 8, 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

April 28, 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.

The attached construction contracts constitute all that were awarded for construction from March 12, 2021 through April 8, 2021 and agreements executed by the department from March 12, 2021 through April 8, 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 Contracts Awarded – Under \$5,000,000, March 12, 2021 through April 8, 2021.
- B. State of Nevada Department of Transportation Executed Agreements – Informational, March 12, 2021 through April 8, 2021.

Recommendation for Board Action:

Informational item only

Prepared by:

Administrative Services Division

Attachment

A

STATE OF NEVADA DEPARTMENT OF TRANSPORTATION
CONTRACTS AWARDED - INFORMATIONAL
March 12, 2021 through April 8, 2021

1. February 25, 2021 at 1:30 PM the following bids were opened for Contract **3860**, Project No. SI-0032(161), on various locations in District III: SR 798, Getchel Mine Road; SR 306, Gold Acres Road; SR 233, Montello Road; and US 93, South of Wells, in Elko, Eureka, and Humboldt Counties, for install AC power and solar at Active Advance Warning Signals at railroad crossings.

PAR Electrical Contractors, Inc.....	\$1,782,362.98
Titan Electrical Contracting, Inc.....	\$1,981,431.86

Engineer's Estimate\$1,413,004.52

The Director awarded the contract on March 24, 2021 to PAR Electrical Contractors, Inc. in the amount of \$1,782,362.98.

2. February 25, 2021 at 2:00 PM the following bids were opened for Contract **3862**, Project No. SPSR-0163(009), on SR 163, in Clark County, for Chip Seal.

VSS International, Inc.	\$1,894,120.00
Intermountain Slurry Seal, Inc.....	\$1,954,195.40
Pavement Coatings.....	\$2,619,270.48
Sierra Nevada Construction, Inc.	\$2,954,007.00

Engineer's Estimate\$2,380,159.51

The Director awarded the contract on March 17, 2021 to VSS International, Inc. in the amount of \$1,894,120.00.

3. March 4, 2021 at 1:30 PM the following bids were opened for Contract **3867**, Project No. SPSR-0304(005), On SR 304, in Lander County, For Chip Seal.

Sierra Nevada Construction, Inc.	\$371,007.00
Intermountain Slurry Seal, Inc.....	\$387,917.00
VSS International, Inc.	\$397,120.00
Harney Rock & Paving Company.....	\$406,675.80

Engineer's Estimate\$343,281.84

The Director awarded the contract on March 24, 2021 to Sierra Nevada Construction, Inc. in the amount of \$371,007.00.

4. March 18, 2021 at 1:30 PM the following bids were opened for Contract **3863**, Project No. SPF-50A-1(008), on US 50A, in Fernley at River Ranch Road and Nevada Pacific Parkway, in Lyon County, for install signals.

Titan Electrical Contracting, Inc.....	\$1,696,190.15
PAR Electrical Contractors, Inc.	\$1,724,898.46
MC4 Construction LLC.....	\$1,998,957.64

Engineer's Estimate\$1,737,249.92

The Director awarded the contract on April 6, 2021 to Titan Electrical Contracting, Inc. in the amount of \$1,696,190.15.

Attachment B

State of Nevada Department of Transportation
Executed Agreements - Informational
March 12, 2021 through April 8, 2021

Attachment B

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	04921	00	TRACEY ROLOFSON DBA J&T TRUST	PERMANENT EASEMENT	N	\$1,000.00	-	-	\$1,000.00	-	03/19/2021	03/31/2026	-	Acquisition	Right-of-Way	Darin	Craig	03-19-21: ONE (1) PERMANENT EASEMENT AS PART OF PROJECT SP-000M(066), FOR ACCESS ON PARCEL I-080-CH-008.916PE, CHURCHILL COUNTY. NV B/L#: EXEMPT
2	04621	00	LINCOLN COUNTY POWER DISTRICT	LINE EXTENSION AGREEMENT	N	\$3,953.01	-	-	\$3,953.01	-	03/19/2021	03/31/2026	-	Facility	Right-of-Way	Darin	Craig	03-19-21: INSTALL A NEW POLE AND TAP INTO EXISTING TRANSFORMER, RUN, AND INSTALL CONDUIT AND CABLE TO A SELECT LOCATION WITHIN THE RIGHT-OF-WAY, TO PROVIDE POWER FOR A NEW METER PEDESTAL (SP#2), LOCATED ALONG US-93 IN CALIENTE, LINCOLN COUNTY. NV B/L#: EXEMPT
3	04121	00	NV ENERGY	DESIGN INITIATION	N	\$1,000.00	-	-	\$1,000.00	-	03/10/2021	03/31/2026	-	Facility	Right-of-Way	Darin	Craig	03-10-21: UPGRADE THE ELECTRICAL SYSTEM WITH A NEW PEDESTAL TO 200 AMP, FOR MORE LIGHTING IN THE MOGUL AREA, AT 12100 WEST I-80, VERDI, WASHOE COUNTY. NV B/L#: NVD19831015840
4	04821	00	NV ENERGY	LINE EXTENSION AGREEMENT	N	\$7,452.00	-	-	\$5,041.00	\$2,411.00	03/19/2021	03/31/2026	-	Facility	Right-of-Way	Darin	Craig	03-19-21: PROVIDE SERVICE TO A NEW 200 AMP SERVICE PEDESTAL TO POWER A DUAL-SIDED RRFB SYSTEM ALERTING MOTORISTS OF PEDESTRIANS CROSSING AT STATE ROUTE 305 AND BROYLES RANCH ROAD INTERSECTION (1002B BROYLES RANCH ROAD), LANDER COUNTY. NV B/L#: NVD19831015840
5	15121	00	NV ENERGY	LINE EXTENSION AGREEMENT	N	\$22,786.00	-	-	\$22,786.00	-	04/08/2021	04/30/2026	-	Facility	Right-of-Way	Darin	Craig	04-08-21: RELOCATION OF POLE MOUNTED TRANSFORMER AND INSTALLATION OF ONE (1) NEW 200-AMP METER PEDESTAL FOR A NEW MAST ARM FLASHER AT STATE ROUTE 612 (NELLIS BOULEVARD), FROM STATE ROUTE 593 (TROPICANA AVENUE) TO STATE ROUTE 573, CLARK COUNTY. NV B/L#: NVD19831015840
6	05721	00	NV ENERGY	LINE EXTENSION AGREEMENT	N	\$18,222.00	-	-	\$18,222.00	-	03/31/2021	03/31/2026	-	Facility	Right-of-Way	Darin	Craig	03-31-21: REMOVE EXISTING METER PEDESTAL AND REPLACE WITH A NEW 140/200 AMP METER PEDESTAL FOR STREET LIGHTING ON STATE ROUTE 612 (NELLIS BOULEVARD), FROM STATE ROUTE 593 (TROPICANA AVENUE) TO STATE ROUTE 573 (LAS VEGAS BOULEVARD), CLARK COUNTY. NV B/L#: NVD19831015840
7	05421	00	SOUTHWEST GAS CORPORATION	MANHOLE/VALVE COVERS	N	\$2,760.00	-	-	\$2,760.00	-	03/29/2021	03/31/2026	-	Facility	Right-of-Way	Darin	Craig	03-29-21: MANHOLE AND VALVE COVER ADJUSTMENT ON STATE ROUTE 159, CHARLESTON BOULEVARD FROM HONOLULU STREET TO SACRAMENTO DRIVE, MILEPOST CL 29.45 TO MILEPOST CL 29.80, AND I-515, FROM WYOMING AVENUE TO EASTERN AVENUE, MILEPOST CL 71.19 TO MILEPOST CL 73.37, CLARK COUNTY. NV B/L#: NVF19571000091
8	15021	00	UNION PACIFIC RAILROAD COMPANY	WIRELINE CROSSING	N	\$755.00	-	-	\$755.00	-	04/08/2021	04/30/2026	-	Facility	Right-of-Way	Darin	Craig	04-08-21: WIRELINE CROSSING AGREEMENT FOR FIBER OPTICS AND ELECTRICAL ACROSS THE RAILROAD, NEEDED FOR PROJECT SPSR-0659(001), ON STATE ROUTE 659 (SOUTH MCCARRAN BOULEVARD), FROM SOUTH VIRGINIA STREET TO STATE ROUTE 647 (WEST 4TH STREET), MILEPOST WA 22.873 TO MILEPOST WA 22.98, AND MILEPOST WA 0.00 TO MILEPOST WA 6.27, WASHOE COUNTY. NV B/L#: NVF19691003146
9	42220	00	CHURCHILL AREA REGIONAL TRANSPORTATION NEIGHBOR NETWORK OF NORTHERN NEVADA	FTA 5339 FUNDING ASSISTANCE	Y	\$75,000.00	-	-	\$63,750.00	\$11,250.00	03/15/2021	03/31/2023	-	Grantee	Planning	Sondra	Mark	03-15-21: PROVIDE 49 U.S.C. § 5339 CAPITAL FUNDING TO PURCHASE A TRANSIT VEHICLE FOR USE IN THE GRANTEE'S TRANSPORTATION PROGRAM. NV B/L#: NVD20021368562
10	41920	00	CHURCHILL AREA REGIONAL TRANSPORTATION NEIGHBOR NETWORK OF NORTHERN NEVADA	MOBILITY MANAGEMENT SOFTWARE	Y	\$200,000.00	-	-	\$160,000.00	\$40,000.00	03/30/2021	03/31/2023	-	Grantee	Planning	Sondra	Mark	03-30-21: ALLOCATION OF FTA 5310 FUNDING ASSISTANCE FOR FFY2021 TO NEIGHBOR NETWORK OF NORTHERN NEVADA TO PURCHASE SOFTWARE FOR USE IN THE RURAL TRANSPORTATION PROGRAM, WASHOE COUNTY. NV B/L#: NVD2015133295
11	42020	00	NEVADA RURAL COUNTIES	FTA 5310 FUNDING ASSISTANCE	Y	\$76,498.00	-	-	\$48,858.00	\$27,640.00	03/15/2021	03/31/2023	-	Grantee	Planning	Sondra	Mark	03-15-21: PROVIDE 49 U.S.C. § 5310 CAPITAL FUNDING TO PURCHASE A TRANSIT VEHICLE FOR USE IN THEIR TRANSPORTATION PROGRAM, STATEWIDE. NV B/L#: NVD19921048693
12	50820	01	AGGREGATE INDUSTRIES - SWR INC.	REPAIR PAVEMENT AND LANDSCAPING	N	\$120,000.00	-	\$2,565.01	\$122,565.01	-	12/21/2020	06/30/2021	03/26/2021	Service Provider	District I	Jeff	Mario	AMD 1 03-26-21: INCREASE AUTHORITY BY \$2,565.01 FROM \$120,000.00 TO \$122,565.01 DUE TO WEATHER CONDITIONS, TEMPERATURES TOO LOW FOR OPEN GRADE PAVING. 12-21-20: REPAIR ROADWAY PAVEMENT AND LANDSCAPING DUE TO VEHICLE ACCIDENT ON THE INTERSTATE 15 SOUTHBOUND OFF-RAMP TO STATE ROUTE 160 BLUE DIAMOND WESTBOUND, CLARK COUNTY. NV B/L#: NVD19701000737-Q
13	31620	00	APPLIED PAVEMENT TECHNOLOGY	TRANSPORTATION ASSET MANAGEMENT PLAN (TAMP) RECERTIFICATION	N	\$277,652.00	-	-	\$277,652.00	-	04/07/2021	12/31/2022	-	Service Provider	Maintenance and Asset Management	Jenica	Anita	04-07-21: REVIEW, UPDATE, AND RE-CERTIFICATION OF THE TRANSPORTATION ASSET MANAGEMENT PLAN (TAMP), STATEWIDE. NV B/L#: NVF20001200517-R PROPOSERS: APPLIED PAVEMENT TECHNOLOGY, INC., WSP, THE KERCHER GROUP, INC.
14	59020	00	BRIGHT CLEANING SERVICE, LLC	JANITORIAL SERVICES	N	\$123,000.00	-	-	\$123,000.00	-	03/31/2021	08/31/2023	-	Service Provider	District I	Jeff	Mario	03-31-21: JANITORIAL SERVICES FOR THE SOUTH MAINTENANCE STATION AND VARIOUS CREW TRAILERS, CLARK COUNTY. NV B/L#: NVD20161746014-Q PROPOSERS: BRIGHT CLEANING SERVICE AND XCEL MAINTENANCE
15	43620	00	CARGILL DEICING TECHNOLOGY	EQUIPMENT MAINTENANCE	N	\$245,000.00	-	-	\$245,000.00	-	03/15/2021	12/31/2024	-	Service Provider	District II	Jeff	Mike	03-15-21: MAINTAIN THE RECENTLY PURCHASED BRINE MANUFACTURING EQUIPMENT AT THE RENO AND GARDNERVILLE MAINTENANCE YARDS, WASHOE AND DOUGLAS COUNTIES. NV B/L#: NVF20091633140-S
16	08921	00	D&B PROFESSIONAL CLEANING	JANITORIAL SERVICES	N	\$63,460.08	-	-	\$63,460.08	-	03/16/2021	07/14/2021	-	Service Provider	District III	Jeff	Boyd	03-16-21: JANITORIAL SERVICES AT THE PEQUOP SUMMIT REST STOP (RP 813 EL), EASTBOUND AND WESTBOUND SIDES OF I-80 BETWEEN WELLS AND WENDOVER, MILEPOST 95.32, AND THE EASTBOUND TRUCK PARKING AREA ON I-80, 1 MILE EAST OF WELLS AT MILEPOST 76.40, ELKO COUNTY. NV B/L#: NVGP20101094756-Q PROPOSERS: D&B PROFESSIONAL CLEANING SERVICES
17	32720	02	DIVERSIFIED SYSTEMS, INC.	AUDIO AND VISUAL SYSTEM	N	\$17,243.99	\$150,000.00	\$30,000.00	\$197,243.99	-	08/04/2020	06/30/2022	03/29/2021	Service Provider	Information Technology	Felicia	Dave	AMD 2 03-29-21: INCREASE AUTHORITY BY \$30,000.00 FROM \$167,243.99 TO \$197,243.99 TO CORRECT A TYPOGRAPHICAL ERROR FOR THE TOTAL COST. AMD 1 03-04-21: INCREASE AUTHORITY BY \$150,000.00 FROM \$17,243.99 TO \$167,243.99 FOR UPGRADES AND INSTALLATION OF AUDIOVISUAL EQUIPMENT AT DEPARTMENT SITES, CLARK AND CARSON CITY COUNTIES. 08-04-20: MAINTENANCE OF AUDIO AND VISUAL SYSTEM AND INSTALLATION OF ADDITIONAL HARDWARE. NV B/L#: NVF20141685774-S
18	10321	00	HDR ENGINEERING, INC.	DISTRICT I LOCAL PUBLIC AGENCY PROJECT OVERSIGHT	N	\$123,908.40	-	-	\$123,908.40	-	04/05/2021	12/31/2023	-	Service Provider	Construction	Darin	Sam	04-05-21: PROVIDE A RESIDENT ENGINEER FOR OVERSIGHT OF LOCAL PUBLIC AGENCY (LPA) PROJECTS IN DISTRICT I ON AN AS-NEEDED BASIS, CLARK, NYE, ESERALDA, LINCOLN, AND MINERAL COUNTIES. NV B/L#: NVF19851010291-R PROPOSERS: HDR ENGINEERING, INC., THE KEYSTONE CONSULTING GROUP, LLC
19	10621	00	INNOVATIVE FLOORING, LLC	REMOVE AND REPLACE CARPET AND VINYL	N	\$49,993.00	-	-	\$49,993.00	-	03/17/2021	12/31/2022	-	Service Provider	Architecture	Jenica	Anita	03-17-21: REMOVE AND REPLACE CARPET AND VINYL FLOORING AT DEPARTMENT'S NORTH YARD MAINTENANCE BUILDINGS K AND L, DISTRICT I TRAILERS UNITS A AND B AT 415 NORTH 8TH STREET, THE DISTRICT I TRAILER DESIGNATED FOR C-906 AT 3337 SOUTH INDUSTRIAL ROAD, AND DISTRICT I SAFETY AND TRAINING BUILDING AT 416 NORTH 8TH STREET, CLARK COUNTY. NV B/L#: NVD20191564522-Q PROPOSERS: INNOVATIVE FLOORING, LLC
20	49316	01	J.C.BUILDING MAINTENANCE, INC.	JANITORIAL AND WEED CONTROL	N	\$168,400.00	-	\$42,900.00	\$211,300.00	-	11/07/2016	12/31/2021	03/29/2021	Service Provider	District I	Jeff	Mario	AMD 1 03-29-21: INCREASE AUTHORITY BY \$42,900.00 FROM \$168,400.00 TO \$211,300.00 AND EXTEND TERMINATION DATE FROM 05-31-21 TO 12-31-21, TO COMPENSATE FOR ADDITIONAL JANITORIAL SERVICES AND WEED CONTROL REQUIRED. 11-7-16: FOUR YEAR CONTRACT FOR JANITORIAL SERVICES AND WEED CONTROL AT THE LATHROP WELLS REST AREA ON US95, NYE COUNTY. NV B/L#: NVD20111472128-Q
21	05221	00	JOHN S. WRIGHT & ASSOCIATES	APPRAISAL SERVICES	Y	\$8,000.00	-	-	\$8,000.00	-	03/24/2021	03/31/2022	-	Service Provider	Right-of-Way	Darin	Craig	03-24-21: APPRAISAL FOR TWO (2) PERMANENT EASEMENTS, FOR ACQUISITIONS NECESSARY TO COMPLETE CONNECTIVITY, AND MAINTAIN CONTINUITY OF FIBER OPTIC FACILITIES PATHWAY, ON PARCELS 1320-29-000-014 AND 1320-32-501-018, CLARK COUNTY. NV B/L#: NVD20181096154

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	32820	01	LAS VEGAS PAVING CORPORATION	TRAFFIC CONTROL FOR DISTRICT I	N	\$223,636.60	-	\$24,516.20	\$248,152.80	-	09/03/2020	06/30/2021	04/01/2021	Service Provider	District I	Jeff	Mario	AMD 1 04-01-21: INCREASE AUTHORITY BY \$24,516.20 FROM \$223,636.60 TO \$248,152.80 BECAUSE OF AN INCREASE IN INSPECTIONS REQUIRED FOR THE CC215 CORRIDOR BRIDGES, AIRPORT CONNECTOR, MULTIPLE BRIDGES AT CC215/1-15, AND THE NEED FOR EXTRA TIME FOR THE HOOVER DAM BYPASS BRIDGE INSPECTION. 09-03-20: PROVIDE TRAFFIC CONTROL SERVICES FOR BRIDGE INSPECTIONS AT VARIOUS LOCATIONS, CLARK AND LINCOLN COUNTIES. NV B/L#: NVD19581000650-Q
23	04421	00	MATHEWS COMMERCE, LLC	APPRAISAL SERVICES	N	\$12,000.00	-	-	\$12,000.00	-	03/16/2021	01/31/2022	-	Service Provider	Right-of-Way	Darin	Craig	03-16-21: APPRAISAL OF REAL PROPERTY NEEDED FOR THE CALIENTE MULTI-USE PATH PROJECT TAP-0317(004), ON PARCEL S-317-LN-019.512, LINCOLN COUNTY. NV B/L#: NVD20091178060
24	00720	01	Q&D CONSTRUCTION, LLC	REMOVE AND REPLACE ASPHALT OVERLAY	N	\$176,500.00	-	\$38,317.15	\$214,817.15	-	02/18/2021	06/30/2022	03/25/2021	Service Provider	District II	Jeff	Mike	AMD 1 03-25-21: INCREASE AUTHORITY BY \$38,317.15 FROM \$176,500.00 TO \$214,817.15 DUE TO MODIFICATIONS TO THE SCOPE OF WORK TO INCLUDE REPLACEMENT OF FAILING WATERPROOFING MEMBRANE ON THE BRIDGE DECK AND SEALING THE BRIDGE EXPANSION JOINTS. 02-18-21: REMOVE AND REPLACE FAILING ASPHALT OVERLAY, REMOVE EXPANSION JOINT FILLER/HEADERS, AND REPAIR RAIL UNDERMINING ON STATE ROUTE 447, STRUCTURE B-1351 OVER THE TRUCKEE RIVER AT MILEPOST WA 15.52, WASHOE COUNTY. NV B/L#: NVD19671000639-Q
25	54020	00	Q&D CONSTRUCTION, LLC	REPAIR STRUCTURE B-2152	N	\$140,000.00	-	-	\$140,000.00	-	03/17/2021	09/30/2021	-	Service Provider	District II	Jeff	Mike	03-17-21: REPAIR SPALLS AND DELAMINATIONS, OVERLAY THE BRIDGE DECK AND APPROACH SLABS WITH THIN BONDED MULTILAYER OVERLAY, AND CLEAN THE EXPANSION JOINTS ON WALTHAM WAY OVER THE TRUCKEE RIVER, ON STRUCTURE B-2152, STATE ROUTE 655 AT MILEPOST WA 1.08, WASHOE COUNTY. NV B/L#: NVD19671000639-Q PROPOSERS: Q&D CONSTRUCTION, LLC
26	54220	00	Q&D CONSTRUCTION, LLC	REPAIR STRUCTURES I-2007/2009	N	\$197,900.00	-	-	\$197,900.00	-	03/17/2021	09/30/2021	-	Service Provider	District II	Jeff	Mike	03-17-21: REPAIR SPALLS AND DELAMINATIONS, OVERLAY BRIDGE DECK AND APPROACH SLABS WITH THIN BONDED MULTILAYER OVERLAY, REMOVE AND REPLACE RELIEF JOINTS WITH PREFORMED JOINT FILLER, REMOVE AND REPLACE RELIEF JOINT HEADERS WITH POLYMER CONCRETE, AND CLEAN THE EXPANSION JOINTS ON STRUCTURE I-2007, ON THE NORTHBOUND I-580 ON-RAMP FROM SOUTH VIRGINIA STREET, MILEPOST WA 16.28, AND STRUCTURE I-2009, ON THE SOUTHBOUND I-580 SOUTH VIRGINIA STREET EXIT RAMP OVER OLD VIRGINIA STREET, MILEPOST WA 16.28, WASHOE COUNTY. NV B/L#: NVD19671000639-Q PROPOSERS: Q&D CONSTRUCTION, LLC
27	50920	00	SIERRA NEVADA CONSTRUCTION, INC.	REMOVE AND REPLACE CATTLE GUARDS	N	\$130,007.00	-	-	\$130,007.00	-	04/06/2021	12/31/2021	-	Service Provider	District II	Jeff	Mike	04-06-21: REMOVE AND REPLACE TWO (2) EXISTING 28" AND 34" PRECAST CATTLE GUARDS ON STATE ROUTE 427 (MILEPOST 0.0 AND 0.25), AND REPLACE PAVEMENT SECTION AT WADSWORTH NEAR I-80, WASHOE COUNTY. NV B/L#: NVD19881009372-Q PROPOSERS: SIERRA NEVADA CONSTRUCTION, INC., GRANITE CONSTRUCTION, A&K EARTHMOVERS, ROAD AND HIGHWAY BUILDERS
28	35120	00	STONEHOUSE DRILLING AND CONSTRUCTION, LLC	INSTALL NEW WELL	N	\$200,580.00	-	-	\$200,580.00	-	03/14/2021	12/31/2021	-	Service Provider	Architecture	Jenica	Anita	03-14-21: INSTALLATION OF A NEW WELL TO ENSURE A RELIABLE WATER SUPPLY AT THE TRENTO YARD, CHURCHILL COUNTY. NV B/L#: NVD20041268325-Q PROPOSERS: STONEHOUSE DRILLING & CONSTRUCTION, LLC
29	12621	00	THE ORIGINAL ROOFING COMPANY	REPAIR WIND DAMAGED ROOF	N	\$24,750.00	-	-	\$24,750.00	-	04/01/2021	06/30/2022	-	Service Provider	Architecture	Jenica	Anita	04-01-21: REMOVE AND REPAIR THE ROOF, WHICH WAS DAMAGED BY SEVERE WINDS, ON THE ALAMO MAINTENANCE STATION MAIN BUILDING IN DISTRICT I, US-93 AT MILEPOST 39.00, LINCOLN COUNTY. NV B/L#: NVD20031060480-Q PROPOSERS: THE ORIGINAL ROOFING COMPANY
30	20920	00	THOLL FENCE, INC.	INSTALL FENCING	N	\$240,532.68	-	-	\$240,532.68	-	03/18/2021	12/31/2021	-	Service Provider	Maintenance and Asset Management	Jenica	Anita	03-18-21: INSTALL FENCING AT NORTH WELLS AVENUE AND SUTRO STREET (MILEPOST WA 14.03 - 14.29), SOUTH OF I-80 AND EAST OF ROCK BOULEVARD (MILEPOST WA 16.12 - 16.30), WASHOE COUNTY. NV B/L#: NVD19591000420-Q PROPOSERS: THOLL FENCE, INC.
31	06020	00	TITAN ELECTRICAL CONTRACTING, INC.	INSTALL RAMP METER SYSTEM	N	\$157,873.00	-	-	\$157,873.00	-	04/05/2021	06/30/2022	-	Service Provider	District II	Jeff	Mike	04-05-21: INSTALL A COMPLETE RAMP METER SYSTEM ON WEST MCCARRAN, TO THE I-80 EASTBOUND ON-RAMP, AT WA 10.72-11.0, WASHOE COUNTY. NV B/L#: NVD20071408571-Q PROPOSERS: TITAN ELECTRICAL CONTRACTING, INC., AND PAR ELECTRICAL CONTRACTORS, INC.
32	00821	00	VOGUE LAUNDRY AND CLEANERS, INC.	LAUNDRY SERVICES	N	\$202,561.50	-	-	\$202,561.50	-	04/05/2021	01/31/2024	-	Service Provider	District III	Jeff	Boyd	04-05-21: FURNISH AND/OR LAUNDRY, PICK UP, AND DELIVER UNIFORMS AT VARIOUS DISTRICT III LOCATIONS INCLUDING ELKO, EMIGRANT, NORTH FORK, CURRIE, WENDOVER, WELLS, WINNEMUCCA, BATTLE MOUNTAIN, ELY, LUND, AND EUREKA MAINTENANCE STATIONS, ELKO, WHITE PINE, LANDER, EUREKA AND HUMBOLDT COUNTIES. NV B/L#: NVD19591001005-Q PROPOSERS: VOGUE LAUNDRY AND CLEANING SERVICES, 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
33	05321	00	CHURCHILL COUNTY TELEPHONE	OCCUPANCY PERMIT	N	-	-	-	-	-	03/24/2021	03/31/2046	-	Facility	Right-of-Way	Darin	Craig	03-24-21: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 213357, ON US-95, FROM MILEPOST 21.98 TO MILEPOST 24.47, CHURCHILL COUNTY. NV B/L#: EXEMPT
34	04721	00	COX COMMUNICATIONS LAS VEGAS	OCCUPANCY PERMIT	N	-	-	-	-	-	03/17/2021	03/31/2046	-	Facility	Right-of-Way	Darin	Craig	03-17-21: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 213309, ON STATE ROUTE 579, FROM MILEPOST 27.15 TO MILEPOST 27.18, CLARK COUNTY. NV B/L#: EXEMPT
35	05521	00	COX COMMUNICATIONS LAS VEGAS	OCCUPANCY PERMIT	N	-	-	-	-	-	03/29/2021	03/31/2046	-	Facility	Right-of-Way	Darin	Craig	03-29-21: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 213370, ON STATE ROUTE 147, FROM MILEPOST 27.66 TO MILEPOST 27.84, CLARK COUNTY. NV B/L#: EXEMPT
36	05621	00	COX COMMUNICATIONS LAS VEGAS	OCCUPANCY PERMIT	N	-	-	-	-	-	03/29/2021	03/31/2046	-	Facility	Right-of-Way	Darin	Craig	03-29-21: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 213369, ON STATE ROUTE 582, AT MILEPOST 29.60, CLARK COUNTY. NV B/L#: EXEMPT
37	05821	00	FRONTIER COMMUNICATIONS	OCCUPANCY PERMIT	N	-	-	-	-	-	04/01/2021	03/31/2046	-	Facility	Right-of-Way	Darin	Craig	04-01-21: NO COST AGREEMENT FOR OCCUPANCY PERMIT FOR RIGHT-OF-WAY UNDER PERMIT NUMBER 213406, ON STATE ROUTE 221, FROM MILEPOST 1.02 TO MILEPOST 1.05, ELKO COUNTY. NV B/L#: EXEMPT
38	05921	00	FRONTIER COMMUNICATIONS	OCCUPANCY PERMIT	N	-	-	-	-	-	04/01/2021	03/31/2046	-	Facility	Right-of-Way	Darin	Craig	04-01-21: NO COST AGREEMENT FOR OCCUPANCY PERMIT FOR RIGHT-OF-WAY UNDER PERMIT 213180, ON STATE ROUTE 208, FROM MILEPOST 8.86 TO MILEPOST 8.87, LYON COUNTY. NV B/L#: EXEMPT
39	06021	00	FRONTIER COMMUNICATIONS	OCCUPANCY PERMIT	N	-	-	-	-	-	04/05/2021	03/31/2046	-	Facility	Right-of-Way	Darin	Craig	04-05-21: NO COST AGREEMENT FOR OCCUPANCY PERMIT FOR RIGHT-OF-WAY UNDER PERMIT 213177, ON STATE ROUTE 208, AT MILEPOST 6.23, LYON COUNTY. NV B/L#: EXEMPT
40	04521	00	NV ENERGY	DESIGN APPROVAL	Y	-	-	-	-	-	03/17/2021	03/31/2026	-	Facility	Right-of-Way	Darin	Craig	03-17-21: NO COST AGREEMENT TO REVIEW AND APPROVE THE DESIGN OF A NEW SERVICE PEDESTAL LOCATION TO POWER A NEW PAINT BOOTH TO BE CONSTRUCTED AS PART OF PROJECT SP-MS-1301(012), AT THE DISTRICT III MAINTENANCE STATION, ELKO COUNTY. NV B/L#: NVD19831015840
41	05021	00	NV ENERGY	DESIGN APPROVAL	N	-	-	-	-	-	03/24/2021	03/31/2026	-	Facility	Right-of-Way	Darin	Craig	03-24-21: NO COST AGREEMENT FOR DESIGN APPROVAL TO RELOCATE INTELLIGENT TRAFFIC SYSTEM FACILITIES FOR THE CMAR PROJECT, TO ACCOMMODATE TWO (2) RIGHT-HAND TURN LANES TO BE ADDED TO THE NORTH SIDE OF CHARLESTON BOULEVARD, AT THE I-515 CHARLESTON INTERCHANGE, CLARK COUNTY. NV B/L#: NVD19831015840
42	04321	00	ZAYO GROUP	OCCUPANCY PERMIT	N	-	-	-	-	-	03/15/2021	03/31/2046	-	Facility	Right-of-Way	Darin	Craig	03-15-21: NO COST AGREEMENT FOR OCCUPANCY PERMIT UNDER PERMIT NUMBER 213041, ON STATE ROUTE 582, FROM MILEPOST 27.07 TO MILEPOST 27.10, CLARK COUNTY. NV B/L#: EXEMPT
43	13421	00	LOY HIXSON	EMPLOYEE HOUSE LEASE	N	\$2,900.00	-	-	-	\$2,900.00	04/01/2021	03/24/2025	-	Lease	District I	Jeff	Mario	04-01-21: NO COST AGREEMENT FOR EMPLOYEE LEASE OF HOUSE #2, AN UNFURNISHED DWELLING AT THE BIG SMOKY MAINTENANCE STATION, NYE COUNTY.
44	12121	00	TIMOTHY SOBOTKA	EMPLOYEE HOUSE LEASE	N	\$5,300.00	-	-	-	\$5,300.00	04/01/2021	04/30/2025	-	Lease	District III	Jeff	Boyd	04-01-21: NO COST AGREEMENT FOR EMPLOYEE LEASE OF HOUSE #242, AN UNFURNISHED DWELLING AT THE EMIGRANT MAINTENANCE STATION, EUREKA COUNTY.
45	08621	00	WHITE CLOUD NETWORKS NV, LLC	SHARING OF TELECOMMUNICATIONS FACILITIES	N	-	-	-	-	-	04/01/2021	04/01/2026	-	License	Traffic Operations	Jenica	Rod	04-01-21: NO COST AGREEMENT TO ALLOW SHARING OF TELECOMMUNICATIONS FACILITIES BETWEEN WHITE CLOUD NETWORKS NV, LLC AND THE DEPARTMENT, ELKO COUNTY. NV B/L#: NVF20201759606
46	38320	01	GENESIS RESOURCE, INC.	INSTALL KEYWATCHER SOFTWARE	N	\$40,423.68	-	-	\$40,423.68	-	10/27/2020	12/31/2021	04/05/2021	Service Provider	District II	Jeff	Mike	AMD 1 04-05-21: NO COST AMENDMENT TO UPDATE AGREEMENT NUMBER FROM BILLING DIVISION C201 (DISTRICT II - ADMINISTRATION), TO C298 (DISTRICT II - BETTERMENT), ALLOWING BETTERMENT FUNDS TO PAY FOR THE INSTALLATION OF SOFTWARE, AND RELATED SERVICES. THE AGREEMENT SHALL BE RENAMED FROM "P383-20-201" TO "P383-20-298." 10-27-20: INSTALLATION OF THE KEYWATCHER AND PROPRIETARY SOFTWARE PROGRAM AT THE GALENA MAINTENANCE STATION, THE MT. ROSE MAINTENANCE STATION AND THE VIRGINIA CITY MAINTENANCE STATION, WASHOE AND STOREY COUNTIES. NV B/L#: NVF20201929838-S