Notice of Public Meeting

Humboldt County Board of Commissioners Regular Meeting
Monday, November 18, 2024
8:30 AM

Humboldt County Courthouse Meeting Room 201
50 West Fifth Street,
Winnemucca, NV 89445

All times on this agenda are approximate. Consideration of items may require more or less time than is scheduled. Items on the agenda may be taken out of order; the public body may combine two or more agenda items for consideration; and the public body may remove an item from the agenda or delay discussion relating to an item on the agenda at any time. Public comment is designated for discussion only. The public has the opportunity to address the Commission on any matter not appearing on the agenda; however, no action may be taken on Matter raised until the matter itself has been specifically included on the agenda as an item upon which action may be taken. Additionally, public comment may be heard on any item listed on the Agenda. Persons are invited to submit comments in writing and/or attend and make comments on any agenda item at the Commission meeting. All public comment may be limited to three (3) minutes per person, at the discretion of the Commission.

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. RECESS: OPEN HOUSE TOUR OF THE RECORDER/BUILDING & SAFETY/PLANNING DEPARTMENTS (INFORMATION ONLY)

   The Employee Engagement Action Committee invites the Commissioners to attend the Open House at the Recorder/Building & Safety/Planning Departments in the Annex Building. The Commissioners will recess to attend the tour. Information only.

   3.A) Recess
   20241118 Agenda Request - Recorder-Building & Safety-Planning Department Open House.pdf

4. PUBLIC COMMENT:

   General public comment is designated for discussion only. The public has the opportunity to address the Commission on any matter not appearing on this agenda; however, no action may be taken on a matter raised until the matter itself has been specifically included on the agenda as an item upon which action may be taken. Individual comments will be limited to three (3) minutes.

5. APPROVAL OF MINUTES (FOR POSSIBLE ACTION)

Discussion and action on correction/approval of minutes for discussion and action on correction/approval of minutes for March 27, 2017 (Budget Hearing); April 3, 2017; May 1, 2017 (Joint); May 15, 2017; June 19, 2017; July 10, 2017; August 7, 2017 (Joint); August 21, 2017; December 11, 2017 (Joint); January 16, 2018; January 29, 2018 (Retreat); February 5, 2018; February 20, 2018; March 5, 2018; April 2, 2018 (Budget Hearing); April 9, 2018; August 6, 2018; August 20, 2018; September 17, 2018; October 1, 2018; October 15, 2018; March 18, 2019; March 25, 2019 (Budget Hearings); April 1, 2019; May 6, 2019; May 15, 2019 (Special); May 20, 2019; June 3, 2019; June 17, 2019; June 5, 2019 (Special); August 5, 2019; August 19, 2019; September 3, 2019; September 16, 2019; October 21, 2019; November 4, 2019; November 25, 2019 (Special); December 16,2019; January 6, 2020; January 21, 2020 (Combined Regular and Retreat); February 3, 2020; March 2, 2020; March 19, 2020; April 6, 2020; April 14, 2020 (Special); April 20, 2020; May 4, 2020; June 15, 2020 (Joint); July 17, 2020 (Special Joint); July 20, 2020; September 16, 2024; October 7, 2024; October 21, 2024.; and November 4, 2024. Discussion and possible action.

5.A) Minutes
HCC110424unapprovedUNOFFICIAL.pdf
HCC102124unapprovedUNOFFICIAL.pdf

6. APPROVAL OF EXPENDITURES FOR HUMBOLDT COUNTY FOR NOVEMBER 4, 2024; THROUGH NOVEMBER 18, 2024 (FOR POSSIBLE ACTION)

7. LITHIUM AMERICAS THACKER PASS PROJECT UPDATE (INFORMATION ONLY)

Representatives from Lithium Americas will provide an update regarding the Thacker Pass Project. Information only.

8. COMPTROLLER: FINANCIAL REPORT (INFORMATIONAL ONLY)

Humboldt County Comptroller's Office will provide an overview of current conditions with respect to Humboldt County revenues and expenditures for fiscal year 2025 (July 1, 2024 through June 30, 2025), including an update on the American Rescue Plan Act (ARPA) and other funding available to the County. Information Only.

9. SHERIFF: LIQUOR BOARD

Undersheriff Kuskie is requesting that the Humboldt County Liquor Board be convened.

A. Public Comment
B. Consideration, discussion and possible approval for the following 1st Quarter 2025 Liquor License Renewals:

Applicant	Business Name

1	Saif Oraha / SMO Fuels, Inc.	Valmy Chevron
2	William Firth	Water Hole #1
3	Gurjot Singh	BJ's Market
4	Tiara Tocco	Denio Junction
5	Giovanni & Shannon Giordano	Sawtooth Station
6	Joginder Lal	McDermitt Gas Lean Motel
7	Jeffery Siegel	Diamond Inn Bar
8	Manjinder Singh & Kirandeep Kaur	A-1 Fuel Stop
9	Norman Calhoun Jr & Barry Wilkinson	Quinn River Merc, LLC
10	Juanita Kennedy	Paradise Valley Bar & Grill
11	Micaela Fregoso, Gen Mgr.	Pilot Travel Centers, LLC
12	Ted Rookstool	Windspur Supply
13	Chloe Dufferrena	Say When, Inc.

All above licenses will expire 12/31/24. Discussion and possible action.

C. Public Comment

D. Adjournment

9.A) Liquor Board

2025 1st Quarter Liquor License Renewals.pdf

10. MUNOZ NUISANCE COMPLAINT UPDATE (FOR POSSIBLE ACTION)

Consideration, discussion and possible action on a follow-up report per Humboldt County Code (HCC) 8.04.010, related to a nuisance complaint filed against property located at 3080 Mars Avenue, Winnemucca, NV, Assessor's Parcel Number 13-0457-06 and owned by Jose Flores/Petra Moran Munoz. Discussion and possible action.

10.A) Munoz Nuisance - Original Set to Documents

Public Hearing_Nuisance_10-21-2024.pdf

11. PUBLIC WORKS DEPARTMENT: GENERAL ROAD PROJECTS (FOR INFORMATION ONLY)

A presentation by Humboldt County Public Works Director Dan Ferraro to update the Board on Road projects within Humboldt County, however, no action may be taken on a matter raised until the matter itself has been specifically included on the agenda as an item upon which action may be taken.

12. TECHNOLOGY SERVICES DEPARTMENT: REQUEST TO APPROVE EARLY

TERMINATION OF GRANITE TELECOMMUNICATIONS CONTRACT WITH APPROVAL OF ONE-TIME ACTIVATION CREDIT OFFER FROM VERIZON WIRELESS; REQUEST TO PURCHASE MICROWAVE EQUIPMENT AND INSTALLATION SERVICES FOR MCDERMITT, DOUBLE H AND EAGLE CREEK PUBLIC SAFETY COMMUNICATION SITES (POSSIBLE ACTION)

A. Consideration, discussion and possible approval to terminate the contract with Granite Telecommunications and approve to accept a one-time activation credit offer from Verizon Wireless. Discussion and possible action.
B. Consideration, discussion and possible approval to purchase Microwave Equipment and Installation services, from Aviat Networks, for the McDermitt, Double H and Eagle Creek Public Safety Communication Sites' Radio Systems in an amount not to exceed $598,740. Discussion and possible approval.

12.A) Technology Services
TSD Request - Agenda Request Form Template_2023- TSD - Early Term Granite & Accept Verizon Credit.pdf
TSD - Phase II Site Microwave Equip & Install.pdf

13. GRANT AND/OR CASH DONATION REQUEST FOR COMMUNITY SUPPORT PURPOSES FY 2024-2025 (POSSIBLE ACTION)

Consideration, discussion, and possible approval for grants and/or monetary donations to one or more of the applicants (as attached) that submitted a request to support community activities in Humboldt County. The total budget for said grants/donations is $40,000 for FY 2024-25. Discussion and possible action.

13.A) Grant Application & List - 2024-2025
Community Support Grants Apps_2024-2025.pdf
Grants_Apps_list_24-25_final.pdf

14. COUNTY MANAGER: REQUEST TO ACCEPT THE NEVADA WATER CONSERVATION INFRASTRUCTURE INITIATIVE FUNDING AWARD AMENDMENT (POSSIBLE ACTION)

Consideration, discussion and possible approval to accept a Nevada Water Conservation Infrastructure award amendment in the amount of $3.5 million to support the preconstruction costs associated with the Grass Valley Nitrate Mitigation and Wastewater Treatment Project. Discussion and possible action.

14.A) Grass Valley water treatment funding
Staff Report - Amendment 1 to DCNR SLFRF Funding 11182024.pdf

15. COUNTY MANAGER: REQUEST TO APPROVE THE LINE EXTENSION AGREEMENT WITH NV ENERGY FOR THE NEW FACILITY OPERATIONS BUILDING (POSSIBLE ACTION)

Consideration, discussion and possible approval for the Line Extension Agreement with NV Energy for the new Facility Operations building at Sage Heights in the amount of $87,597.00,

pending District Attorney Approval

15.A) NV Energy Line Extension
Staff Report - NVE LEA for Facility Ops building 11182024.pdf

16. COUNTY MANAGER: REQUEST TO ENGAGE WITH HOLLAND AND HART ASSOCIATES TO FILE PROTEST AGAINST BLM'S PROPOSED SAGEGROUSE PLAN (DISCUSSION AND POSSIBLE ACTION)

Consideration, discussion and possible approval to engage Holland and Hart Associates to file a protest against the Greater Sage Grouse (GRSG) Rangewide Planning proposed Resource Management Plan and final Environmental Impact Statement from the BLM. This plan replaces the 2015 and 2019 GRSG plans and updates restrictions for greater sage grouse habitat management areas. This new plan will have effects on grazing, communications and utility infrastructure, renewable energy projects, recreation, saleable and non-energy minerals, and other aspects of public lands use. Discussion and possible action.

17. DISCUSSION OF THE 2025 COUNTY CALENDAR (FOR POSSIBLE ACTION)

Consideration, discussion, and possible approval of the 2025 County Manager's Calendar of Events, including dates for County Commission meetings and other internal events. Discussion and possible action.

17.A) Calendar - 2025
2025 Calendar Grid_draft1.pdf

18. MISCELLANEOUS REPORTS AND CORRESPONDENCE
    1. Other information and upcoming meetings:

November 19, 2024 Winnemucca City Council Meeting

November 28 – 29, 2024 Thanksgiving Holiday – All Humboldt County offices closed

December 16, 2024 Humboldt County Board of Commissioners Meeting
December 17, 2024 Winnemucca City Council Meeting
December 25, 2024 Christmas Day - All Humboldt County offices closed
January 1, 2025 New Year's Day - All Humboldt County offices closed
January 6, 2025 Humboldt County Board of Commissioners Meeting
January 7, 2025 Winnemucca City Council Meeting

    2. Reports from Commissioners regarding other Boards and Committees on which they serve, including POOL/PACT Board, National Wild Horse & Burro Advisory Board, Nevada Association of Counties (NACO), Regional Airport Board, Humboldt

River Basin Water Authority (HRBWA), Western Interstate Region (WIR), Legislative Interim Land Council, Humboldt Development Authority (HDA), Winnemucca Visitors & Convention Authority (WCVA), Hospital Board, Humboldt Foundation, Humboldt County Elk Planning Steering Committee, Paradise Conservation District and the State Land Use Planning Advisory Council (SLUPAC).

19. FUTURE AGENDA ITEMS
    Whether an item will be placed on a future agenda will be subject to the chairman and/or legal counsel's determination.

20. PUBLIC COMMENT:

    Public Comments: General public comment is designated for discussion only. The public has the opportunity to address the Commission on any matter not appearing on this agenda; however, no action may be taken on a matter raised until the matter itself has been specifically included on the agenda as an item upon which action may be taken. Individual comments will be limited to three (3) minutes.

21. ADJOURNMENT

22. NOTICE:
    The County Commission may close the meeting to receive information from legal counsel pursuant to Nevada Revised Statutes 241.015.

    The public is welcome to attend the meeting electronically via Microsoft Teams or by appearing in person at the location at the time and date listed on the first page of this agenda. There will be a physical location for the meeting; however, the meeting may be accessed electronically through an internet connection at Microsoft Teams link located on the first page of this agenda.

    Staff reports and supporting material posted for the meeting are available on the Humboldt County website at https://www.humboldtcountynv.gov/ (click on the “Government” link on the home page) if that information was available when the agenda was posted. If the supporting material/ staff report is not included in the agenda packet, it is available to the general public at the same time the materials are provided to the Board. The administrative assistant at the County Manager's Office located at 50 West 5th Street, Winnemucca, Nevada, telephone number 775-623-6300 is the designated person from whom a member of the public may request the supporting material for this meeting and the County Manager’s Office is the location where the supporting material is available to the public.

HUMBOLDT COUNTY

50 W. 5th Street
Winnemucca, Nevada 89445
www.humboldtcountynv.gov

AGENDA REQUEST FORM

DATE: November 18, 2024

TO: County Commission

FROM: Employee Engagement Action Committee

SUBJECT: Recorder/Building & Safety/Planning Department Open House

REQUESTED AGENDA DATE: November 18, 2024

SUMMARY AND BACKGROUND:
To promote inclusiveness and foster open communication and team building, the Employee Engagement Action Committee has proposed that departments/offices host open houses for County personnel to attend to become more familiar with employee responsibilities and services provided by other County departments and offices. The Recorder/Building & Safety/Planning Departments are holding an open house to invite other county personnel to visit their work area today from 3:00-5:00 p.m.

WHY ARE YOU BRINGING THIS BEFORE THE BOARD NOW:
To invite the Commissioners to attend an Open House at the Recorder/Building & Safety/Planning Departments in the Annex Building today at 8:30 a.m.

PREVIOUS ACTION:
N/A

HAS DISTRICT ATTORNEY REVIEWED AGREEMENT/CONTRACT IF APPLICABLE:
N/A

FISCAL IMPACT IF APPLICABLE:
None.

RECOMMENDATION:
N/A

LIST SUPPORTING DOCUMENTS IF APPLICABLE:
N/A

POSSIBLE MOTION:
N/A

Those present were Chairman Jesse Hill, Commissioners Ron Cerri, Ken Tipton and Mark Evatz, District Attorney Kevin Pasquale, County Manager Don Kalkoske and Clerk of the Board Tami Rae Spero (via Teams). Commissioner Tom Hoss was not in attendance.

CALL TO ORDER: Chairman Hill called the regular meeting to order at a special place of meeting the Humboldt County Library Meeting Room, 85 E. 5th St., Winnemucca, Nevada.

PLEDGE OF ALLEGIANCE: All present recited the Pledge of Allegiance.

PUBLIC COMMENT: Chairman Hill asked for public comment. Debra Lyon appeared before the Commission and offered public comment about her displeasure with Lambert Drive and the way it is being maintained and explained; she requested that the item be placed on the agenda for discussion. No further public comment offered.

APPROVAL OF MINUTES: Discussion and action on correction/approval of minutes for discussion and action on correction/approval of minutes for: No minutes presented for consideration.

APPROVAL OF EXPENDITURES FOR HUMBOLDT COUNTY FOR OCTOBER 21, 2024 THROUGH NOVEMBER 4, 2024: The following motion was made by Commissioner Evatz and passed with Chairman Hill and Commissioners Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

To approve the expenditures for Humboldt County for the period of October 21, 2024 through November 4, 2024.

CLOSED SESSION FOR LEGAL COUNSEL: Closed session pursuant to NRS 241.015(4)(c), to receive information from legal counsel.

CLOSED SESSION: Pursuant to NRS 288.220 (1), any negotiation or informal discussion between a local government employer and an employee organization or employees as individuals, whether conducted by the governing body or through a representative or representatives and/ or NRS 288.220 (4) any meeting of the governing body of a local government employer with its management representative or representatives.

The following motion was made by Commissioner Evatz and passed with Chairman Hill and Commissioners Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

Per agenda item number six that that we move into closed session for legal counsel information only.

The Commission entered closed session at 8:34 a.m. returning to open session at 9:34 a.m. based on the following motion made by Commissioner Tipton and passed with Chairman Hill and Commissioner Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

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To return to open session.

COUNTY MANAGER:

REQUEST DIRECTION REGARDING AN APPEAL IN THE CASE OF NEVADANSCAN V. STATE OF NEVADA: Consideration, discussion and possible action to move forward with an appeal in the case NevadansCan v. State of Nevada. Humboldt County joined the lawsuit in 2020 which seeks declaratory relief from the "Red Flag" law passed by the Nevada Legislature during the 2019 session as unconstitutional. Recently the court granted the State's motion to dismiss the entire complaint with prejudice. Appealing this decision will keep the case alive and require additional costs, which are yet to be determined. Manager Kalkoske reviewed the request for the Commission. Chairman Hill offered comment noting the changes made to the "red flag" laws since this action commenced but noted there are still some issues; he commented that our Sheriff and Judges are smart and have the ability to use their judgment on these matters. Commissioner Evatz noted that other counties moving forward but suggested that, as we do not have standing, it may not be a good use of funds; he commented on what should be watched going forward. Discussion ensued. No action taken.

LABOR RELATIONS: Human Resources Director Kellie Kranovich and Deputy Comptroller Weston Noyes appeared before the Commission.

APPROVAL OF SUCCESSOR COLLECTIVE BARGAINING AGREEMENT WITH THE HUMBOLDT COUNTY LAW ENFORCEMENT ASSOCIATION: Consideration, discussion, and possible action on a request from Kellie Kranovich, Human Resources Director, for approval of a successor collective bargaining agreement with the Humboldt County Law Enforcement Association following a tentative collective bargaining agreement being reached by the County and HCLEA negotiating teams. If approved by the Board, the collective bargaining agreement will be effective beginning on July 1, 2024, for two years. A copy of the proposed agreement was included on the online agenda for review. Director Kranovich offered comment. Deputy Comptroller Noyes noted the fiscal impact of this agreement for the period of the agreement including for fiscal year 2024-2025 the 3.6% COLA of $130,737.89 bringing the total salary and benefit costs for HCLEA to $3,690,808.96 and for fiscal year 2025-2026 the 3.6% COLA of $225,261.48 bringing the total salary and benefit costs for HCLEA to $3,916.070.44. The following motion was made by Commissioner Tipton and passed with Chairman Hill and Commissioners Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

To approve the agreement that the County Committee has reached with the HCLEA for the amounts as read into the record by the Deputy Comptroller.

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DOWL ENGINEERING: David Pulley, Civil Engineer with Dowl Engineering appeared before the Commission.

UPDATE REGARDING GRASS VALLEY SEWER PROJECT: Representatives from DOWL Engineering will provide an update on the Grass Valley Sewer Project. Mr. Pulley reviewed a power point for the Commission providing an update on the GV Nitrate Project. A question and answer period followed the presentation with discussion. No action taken.

COMPTROLLER: Comptroller Gina Rackley and Deputy Comptroller Weston Noyes appeared before the Commission.

FINANCIAL REPORT: Humboldt County Comptroller's Office will provide an overview of current conditions with respect to Humboldt County revenues and expenditures for fiscal year 2025 (July 1, 2024 through June 30, 2025), including an update on the American Rescue Plan Act (ARPA) and other funding available to the County. Deputy Comptroller Noyes reviewed the August CTX funding received. Comptroller Rackley reviewed the ARPA funds situation including the need to obligate the funds and the proposal for that process. Discussion ensued.

ASSESSOR'S OFFICE: Assessor Andy Heiser appeared before the Commission.

REQUEST TO ADOPT A RESOLUTION REQUIRING ASSESSOR TO PREPARE A LIST OF ALL TAXPAYERS: Consideration, discussion, and possible adoption of a Resolution requiring the Humboldt County Assessor to prepare a list of all taxpayers on the secured tax roll in the County and the total valuation of property on which they severally pay taxes and directing the Assessor to publish such list and valuations, on or before January 1, 2025, on the Humboldt County website, post the information in various locations throughout Humboldt County, and to otherwise comply with NRS Chapter 361.300. A copy of the proposed resolution was included on the online agenda for review. Assessor Heiser reviewed the request for the Commission. The following motion was made by Commissioner Evatz and passed with Chairman Hill and Commissioners Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

To adopt a Resolution requiring the Humboldt County Assessor to prepare a list of all taxpayers on the secured tax roll in the County and the total valuation of property on which they severally pay taxes and directing the Assessor to publish such list and valuations, on or before the 1st of January 2025, as stated on the agenda.

(Resolution No. 11-04-24)

JUVENILE SERVICES: Juvenile Services Director Pauline Salla appeared before the Commission.

UPDATE REGARDING THE KITCHEN: Director of Juvenile Services Pauline Salla will provide an update on the kitchen expansion project. Director Salla reviewed the project for the Board including issues with the

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original proposal as to the designation of the kitchen as commercial, the status of the bid, the costs involved and the funding being sought. A question and answer period followed the presentation with discussion. No action taken.

SET TO PUBLIC HEARING:

TO AMEND ORDINANCE TO ESTABLISH THE PARADISE VALLEY SEWER DISTRICT: A. Consideration, discussion and possible approval to Set to Public Hearing for a future date to be determined by the County Clerk for an ordinance amending Title 13 titled "Public Services", Chapter 13.24 "Paradise Valley Sewer District" to add section 13.24.080 to allow the members (trustees) of the local governing board to be appointed by the Board of County Commissioners, annual compensation for each trustee at zero dollars and 00/100s ($0), terms of office. To amend sections 13.24.045 (B) Fee for Sewer Use Unit to be set by the board (D) Method of Payment to occur on a quarterly basis or through real property taxes, and 13.24.060 Connection charge to be set at actual cost plus $500.00, and other matters properly related thereto. A copy of the proposed Ordinance was included on the online agenda for review. Chairman Hill read the title of the item to be set to public hearing. Manager Kalkoske reviewed the request for the Commission. The following motion was made by Commissioner Tipton and passed with Chairman Hill and Commissioners Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

To set to public hearing, at a date to be determined by the County Clerk, an ordinance amending Title 13 titled "Public Services", Chapter 13.24 "Paradise Valley Sewer District" to add section 13.24.080 to allow the members (trustees) of the local governing board to be appointed by the Board of County Commissioners, annual compensation for each trustee at zero dollars and zero cents and terms of office. To amend sections 13.24.045 (B) Fee for Sewer Use Unit to be set by the board (D) Method of Payment to occur on a quarterly basis or through real property taxes, and 13.24.060 Connection Charge to be set at actual cost plus $500.00, and other matters properly related thereto.

Chairman Hill recessed the meeting at 10:48 a.m. reconvening at 10:54 a.m.

PUBLIC WORKS DEPARTMENT: Public Works Director Daniel Ferraro appeared before the Commission.

PURCHASE OF RECOVERED STOLEN WATER PUMP FROM DAVIES INSURANCE: Consideration, discussion and possible approval to purchase the Thompson Water pump from Davies Insurance in an amount not to exceed $33,500. The pump was stolen in November 2021 and recovered in December 2023. Davies Insurance paid out to the county for the loss the amount of $37,223.00. A copy of the Staff Report detailing the request was included on the online agenda for review (see attached). Director Ferraro reviewed the request for the Commission. Discussion ensued with Director Ferraro confirming the need for the pump.

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The following motion was made by Commissioner Tipton and passed with Chairman Hill and Commissioners Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

To purchase the Thompson Water pump from Davies Insurance in an amount not to exceed $33,500.00.

PURCHASE OF A CLASS 5 SERVICE TRUCK: Consideration, discussion and possible approval to purchase a new Class 5 Service Truck from Cobalt Truck Equipment in an amount not to exceed $196,441.98. A copy of the Staff Report detailing the request was included on the online agenda for review including bid proposals provided by Cobalt, Advanced Truck Body & Equipment and Technology International (see attached). Director Ferraro reviewed the request for the Commission. The following motion was made by Commissioner Evatz and passed with Chairman Hill and Commissioners Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

To approve the purchase a new Class 5 Service Truck from Cobalt Truck Equipment in an amount not to exceed $196,441.98.

GENERAL ROAD PROJECTS: A presentation by Humboldt County Public Works Director Dan Ferraro to update the Board on Road projects within Humboldt County, however, no action may be taken on a matter raised until the matter itself has been specifically included on the agenda as an item upon which action may be taken. Director Ferraro reviewed road work on various roads in the County including repairs, grading and mowing; he noted an upcoming snow plow training for Buildings & Grounds noting the new plow and tires have been received and will be used for the training; he noted concerns with the house in Denio voiced by Buildings & Grounds so it will be brought before the Commission in the future. Chairman Hill offered comment on the new snow plow and usage; he commented on the pros and cons of mag chloride use on roads as well as the forms on the Lambert Bridge. Director Ferraro responded. Discussion ensued. Based on a question from Commissioner Evatz, Director Ferraro commented on the status of salt/sand for the upcoming winter season.

SHERIFF'S OFFICE: Captain Sean Wilkin appeared before the Commission.

REQUEST TO ENTER INTO A FIVE-YEAR CONTRACT WITH MOTOROLA SOLUTIONS: Consideration, discussion and possible approval to enter into a contract with Motorola Solutions for five (5) Motorola V-500 In-Car Camera systems for the five Enterprise lease vehicles that will be built by Sierra Electronics after they are delivered to Champion Chevrolet in an amount not to exceed $67,000.00. A copy of the proposal was included on the online agenda for review. Captain Wilkin reviewed the request for the Commission. After discussion the following motion was made by Commissioner Cerri and passed with Chairman Hill and Commissioners Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

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To approve entering into a contract Motorola Solutions for five Motorola V-500 In-Car Camera systems for the five Enterprise lease vehicles that will be built by Sierra Electronics in an amount not to exceed $67,000.00.

REQUEST TO ACCEPT UNITED WE STAND GRANT AWARD: Consideration, discussion and possible approval to accept the FY25 United We Stand grant award in the amount of $31,879.00 for equipment. Captain Wilkin reviewed the request for the Commission. Discussion ensued. The following motion was made by Commissioner Tipton and passed with Chairman Hill and Commissioners Cerri, Tipton and Evatz voting aye and Commissioner Hoss being absent:

To approve and accept the FY25 United We Stand grant award in the amount of $31,879.00 for equipment.

MISCELLANEOUS REPORTS AND CORRESPONDENCE:

1. Other information and upcoming meetings: The following dates were noted on the agenda - November 5, 2024 Winnemucca City Council Meeting November 5, 2024 Presidential Election Day, November 11, 2024 Veterans Day – All Humboldt County offices closed, November 14, 2024 Regional Planning Commission Meeting, November 15, 2024 Humboldt County Board of Commissioners Special Meeting – Canvass the Vote, November 18, 2024 Humboldt County Board of Commissioners Meeting, November 19, 2024 Winnemucca City Council Meeting and November 28 – 29, 2024 Thanksgiving Holiday – All Humboldt County offices closed.

2. Reports from Commissioners regarding other Boards and Committees on which they serve: No report offered by Chairman Hill, Commissioner Cerri or Commissioner Evatz. Commissioner Tipton reported on a Hospital Board meeting.

FUTURE AGENDA ITEMS: Whether an item will be placed on a future agenda will be subject to the chairman and/or legal counsel's determination. Manager Kalkoske noted working with Dowl to get a schedule together and ARPA items identified for December 16th as well as the Paradise Valley Ordinance. Commissioner Evatz asked for a comprehensive update for the communication project including end date and costs. Manager Kalkoske responded that he is looking at the Retreat for that update. Commissioner Cerri asked about the status of the nuisance ordinance. Manager Kalkoske responded explaining what is occurring with the process. Chairman Hill asked about the status of the HVAC repairs for the courthouse. Manager Kalkoske responded.

PUBLIC COMMENT: Chairman Hill asked for public comment. Commissioner Evatz offered public comment on the status of voting and encouraged everyone to participate and vote. Christina Kenison appeared before the Commission and offered public comment on the need for the Master Plan to be reviewed as it is very far out of date; she commented on discussion occurring in her community, her

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concern that updates have not been done, concerns with the ability to file master plan amendments due to the cost which feels like extortion; she commented on the lack of communication and lack of effort by the Commission to pursue this; she encouraged the Commission to place something on the agenda for discussion and the importance of that; she asked that the Commission take this seriously. No further public comment offered.

ADJOURNMENT: Chairman Hill adjourned the meeting at 11:22 a.m.

ATTEST:_____APPROVED:_____
Clerk Chairman

(Minutes approved by the Commission and signed by the Chairman on _____)

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Those present were Chairman Jesse Hill, Commissioners Tom Hoss (via Teams), Ron Cerri and Ken Tipton, legal counsel Gabrielle Carr (via Teams), County Manager Don Kalkoske and Clerk of the Board Tami Rae Spero (via Teams). Commissioner Mark Evatz was not in attendance.

CALL TO ORDER: Chairman Hill called the regular meeting to order at a special place of meeting the Humboldt County Library Meeting Room, 85 E. 5th St., Winnemucca, Nevada.

PLEDGE OF ALLEGIANCE: All present recited the Pledge of Allegiance.

PUBLIC COMMENT: Chairman Hill asked for public comment. Jennifer Tipton (via Teams) offered public comment as to her telephone number has been blocked by all county departments and asked who had caused that to be done; she continued offering comment regarding a road into her property as to concerns with her road being moved and lack of contact from the Commissioners as to a discussion she wishes to have with a commissioner as to criminal activity. She requested a response as to the telephone number being blocked issue.

Andy Heiser offered public comment as to a change log being provided to the Board of Commissioners and explained; he continued commenting on the receipt of audit findings related to a local business as to personal property and the amount added to the roll based on that audit.

Ms. Tipton asked if she could receive a response as to the telephone issues. Chairman Hill explained that back and forth commentary is not allowed during public comment but noted that her concerns would be looked into.

APPROVAL OF MINUTES: Discussion and action on correction/approval of minutes for discussion and action on correction/approval of minutes. No minutes submitted for consideration.

APPROVAL OF EXPENDITURES FOR HUMBOLDT COUNTY FOR OCTOBER 7, 2024 THROUGH OCTOBER 21, 2024: The following motion was made by Commissioner Tipton and passed with Chairman Hill and Commissioners Hoss, Cerri and Tipton voting aye and Commissioner Evatz being absent:

To approve the expenditures for Humboldt County for October 7, 2024 through October 21, 2024 as presented.

SIXTH JUDICIAL DISTRICT SPECIALTY COURTS: REQUEST TO ACCEPT BUREAU OF JUSTICE ASSISTANCE GRANT AWARD: Consideration, discussion and possible approval to accept the Bureau of Justice Assistance Grant Award in the amount of $1,000,000 to be awarded for the 2024 BJA FY 24 Adult Treatment Court Program for the next four years. District Court Judge Michael R. Montero appeared before the Commission and reviewed the request for the Commission. After discussion the following

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motion was made by Commissioner Cerri and passed with Chairman Hill and Commissioners Hoss, Cerri and Tipton voting aye and Commissioner Evatz being absent:

That the Bureau of Justice Assistance Grant Award for the 2024 BJA FY 24 Adult Treatment Court Program be accepted.

COMPTROLLER: Deputy Comptroller Weston Noyes appeared before the Commission.

FINANCIAL REPORT: Humboldt County Comptroller's Office will provide an overview of current conditions with respect to Humboldt County revenues and expenditures for fiscal year 2025 (July 1, 2024 through June 30, 2025), including an update on the American Rescue Plan Act (ARPA) and other funding available to the County. Deputy Comptroller Noyes reviewed the revenues for the first quarter including what funding had impacted said revenues as well as the expenditures for the same quarter. Discussion ensued.

TREASURER: Treasurer Rhona Lecumberry and Assessor Andy Heiser appeared before the Commission.

REQUEST TO ADJUST FISCAL YEAR 24/25 REAL PROPERTY TAX ROLL:

A. Consideration, discussion and possible approval of and adjustment of the fiscal year 24/25 Real Property Tax Roll for parcel number 14-0255-09. Assessor Heiser reviewed the request for the Commission.

B. Consideration, discussion and possible approval of and adjustment of the fiscal year 24/25 Real Property Tax Roll for parcel number 07-0471-24. Assessor Heiser reviewed the request for the Commission.

C. Consideration, discussion and possible approval of and adjustment of the fiscal year 24/25 Real Property Tax Roll for parcel number 07-0471-13. Assessor Heiser reviewed the request for the Commission.

The following motion was made by Commissioner Tipton and passed with Chairman Hill and Commissioners Hoss, Cerri and Tipton voting aye and Commissioner Evatz being absent:

To approve the roll adjustment forms number 14-0255-09, 07-0471-24 and 07-0471-13.

QUARTERLY FINANICAL INVESTMENT REPORT: Humboldt County Treasurer Rhona Lecumberry will present the quarterly financial investment report. Treasurer Lecumberry reviewed what has been collected in the first and second installment of taxes and noted an adjustment to the manner in which she calculates the payroll amounts for reporting to the Commission; she continued reviewing investment amounts.

TECHNOLOGY SERVICES: Technology Services Director Mike DeTullio appeared before the Commission.

REQUEST TO AWARD THE BID FOR DOUBLE H AND EAGLE CREEK TELECOMMUNICATIONS PROJECTS:

UNAPPROVED/UNOFFICIAL

Consideration, discussion and possible approval to award a bid for the purchase of public safety communication site towers for the Double H and Eagle Creek telecommunication project sites to Valmont Telecommunications, or Western Utility Telecom, or Eas Tex Tower, in an amount not to exceed $194,857.00 including freight charges. Director DeTullio reviewed the request for the Commission noting the direction by the Commission to reach out regarding the typo within Western Utility Telecom's proposal which had been done and that confirmation had been received that the typo did not impact the pricing or any service provided and that the District Attorney's Office has confirmed that the issues would not impact the Commission going with Western Utility Telecom if that were the direction. Director DeTullio explained the reasons regarding the Department's recommendation of Valmont Telecommunications due to the department's history with the company. Discussion ensued regarding the issue. After discussion the following motion was made by Commissioner Cerri and passed with Chairman Hill and Commissioners Hoss, Cerri and Tipton voting aye and Commissioner Evatz being absent:

To award the bid for the Double H and Eagle Creek telecommunication towers to Western Utility Telecom in the amount of $151,161.00.

PUBLIC WORKS DEPARTMENT: Public Works Director Daniel Ferraro appeared before the Commission.

GENERAL ROAD PROJECTS: A presentation by Humboldt County Public Works Director Dan Ferraro to update the Board on Road projects within Humboldt County, however, no action may be taken on a matter raised until the matter itself has been specifically included on the agenda as an item upon which action may be taken. Director Ferraro reported on road grading, road cover work, pothole patching, that the service truck bid will be brought forward at the next meeting and information on the pump stolen a few years ago and the opportunity to purchase it from the insurance company; he noted a public warning related to cows on Jungo road noting the number hit so far this year and the need for people traveling the road to be aware.

Chairman Hill stated that the Commission would proceed to item 12 on the agenda as it is not time for the Public Hearings.

10:00 A.M. PUBLIC HEARING: Chairman Hill called the public hearings to order at 10:00 a.m.

ABANDONMENT REQUEST SUBMITTED BY MANDY MADRID WITH REEVE & ASSOCIATES ON BEHALF OF GOLDEN GATE PETROLEUM OF NEVADA: Consideration, discussion and possible approval of a request form submitted by Mandy Madrid with Reeve & Associates on behalf of Golden Gate Petroleum of Nevada to abandon a portion (4,926 square feet) of the sewer easement recorded as Document #2008-902. Assessor's parcel #03-0598-12 in McDermitt, NV. Chairman Hill read the title of the item set to public hearing. Senior Planning Technician Betty Lawrence appeared before the Commission and reviewed the

UNAPPROVED/UNOFFICIAL

request. Discussion ensued regarding the location. Manager Kalkoske offered comment explaining that this should not affect the sewer district. Chairman Hill asked for public comment. None offered. Based on direction from legal counsel, Mrs. Lawrence stated for the record that statutory publication and notification had been accomplished. The following motion was made by Commissioner Cerri and passed with Chairman Hill and Commissioner Hoss, Cerri and Tipton voting aye and Commissioner Evatz being absent:

To approve the abandonment request submitted by Mandy Madrid of Reeve and Associates on behalf of Golden Gate Petroleum to abandon a portion, 4,926 square feet, of the sewer easement recorded as document number 2008-902, Assessor's parcel number 03-0598-12 in McDermitt, Nevada.

(Abandonment Order AH-24-03)

NUISANCE COMPLANT FILED ON ASSESSOR'S PARCEL #13-0457-06: Consideration, discussion, and possible action per Humboldt County Code (HCC) 8.04.010, related to a nuisance complaint filed against property located at 3080 Mars Avenue, Winnemucca, NV, Assessor's Parcel Number 13-0457-06 and owned by Jose Flores/Petra Moran Munoz, to consider and determine whether or not substantial evidence is presented that a nuisance exists and if one does exist, possible order of the person or persons responsible for such nuisance to abate the same or other actions as allowed by Humboldt County Code 8.04 related to nuisances. Included on the online agenda for review was a copy of the Complaint and the Inspection Report prepared by the Humboldt County Sheriff's Office. Chairman Hill read the title of the item set to public hearing. Based on direction from legal counsel, Clerk Spero confirmed that the notice required by Code had been accomplished. Manager Kalkoske provided a report from the Sheriff as to a recent inspection Chairman Hill asked if the property owner or person maintaining the property were present. No response. Chairman Hill asked for public comment. Janet Roberts, complainant, offered public comment as to the condition of the property and issues with the appearance of the property, the possible impact on property values and the increase in pests. No further public comment offered. Legal counsel Carr offered comment on what action the Commission could take. Commissioner Tipton stated that he had looked at the site and so understands the nuisance and agrees it should be cleaned up. Commissioner Tipton asked about the existence of CCRs for this area. Mrs. Lawrence responded. Chairman Hill offered comment on code enforcement but agreed that this does appear to be a nuisance stating that he supports the need for clean-up. Commissioner Cerri concurred. Commissioner Hoss also agreed; he asked about retaining outside legal counsel to assist with the nuisance ordinance. Chairman Hill didn't disagree but noted that the item is not agendized though he would not oppose considering that in the future. Discussion ensued regarding the time frame for clean-up, what would need to be addressed

UNAPPROVED/UNOFFICIAL

and the language for the motion. After discussion the following motion was made by Commissioner Tipton and passed with Chairman Hill and Commissioners Hoss, Cerri and Tipton voting aye and Commissioner Evatz being absent:

That by Resolution this Board finds for parcel number 13-0457-06 owned by Jose Flores and Petra Moran Munoz there is substantial evidence that a nuisance does exist and property owners Jose Flores and Petra Moran Munoz or the person leasing, occupying or having charge of the premises are hereby ordered to abate the nuisance or show significant progress/effort has been made within thirty days with abatement being what is allowed under 8.04 which may include fencing the property, cleaning up the property or removal of the vehicles from the property.

(Resolution No. 10-21-24)

Discussion ensued regarding the time frame for clean-up, what would need to be addressed and the timeframe for said clean-up; the Commission directed that a follow-up be included on the November 18th Commission agenda. Legal counsel Carr noted that she has been contracted by the District Attorney to work on a nuisance amendment.

MISCELLANEOUS REPORTS AND CORRESPONDENCE:

1. Other information and upcoming meetings as noted on the agenda: October 25, 2024 Nevada Day Holiday - All Humboldt County offices closed; November 4, 2024 Humboldt County Board of Commissioners Meeting; November 5, 2024 Winnemucca City Council Meeting; November 5, 2024 Presidential Election Day; November 11, 2024 Veterans Day – All Humboldt County offices closed; November 14, 2024 Regional Planning Commission Meeting; November 15, 2024 Humboldt County Board of Commissioners Special Meeting – Canvass the Vote; November 18, 2024 Humboldt County Board of Commissioners Meeting; and November 19, 2024 Winnemucca City Council Meeting November 28 – 29, 2024 Thanksgiving Holiday – All Humboldt County offices closed.

2. Reports from Commissioners regarding other Boards and Committees on which they serve: Commissioner Cerri reported on a Humboldt Foundation meeting but noted that he had missed the WCVA meeting. Commissioners Hoss and Tipton offered no report. Chairman Hill noted the upcoming Futures Forum.

FUTURE AGENDA ITEMS: Whether an item will be placed on a future agenda will be subject to the chairman and/or legal counsel's determination. Commissioner Cerri noted the work by the District Attorney's Office on an updated nuisance ordinance. Manager Kalkoske noted other ordinance amendments planned for.

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Chairman Hill recessed the meeting at 9:24 a.m. until call for the public hearings. Chairman Hill reconvened at 10:00 a.m. and returned to item 11 on the agenda

PUBLIC COMMENT: Chairman Hill asked for public comment; none offered.

ADJOURNMENT: Chairman Hill adjourned the meeting at 10:36 a.m.

ATTEST:_____APPROVED:_____
Clerk Chairman

(Minutes approved by the Commission and signed by the Chairman on _____)

UNAPPROVED/UNOFFICIAL

HUMBOLDT COUNTY

50 W. 5th Street
Winnemucca, Nevada 89445
www.hcnv.us

STAFF REPORT

DATE: Wednesday, November 6, 2024

TO: County Commission

FROM: Undersheriff Damon Kuskie

SUBJECT: 2025 1st Quarter Liquor License Renewals

REQUESTED AGENDA DATE: November 18, 2024

SUMMARY
Undersheriff Kuskie is requesting that the Humboldt County Liquor Board be convened.

WHY ARE YOU BRINGING THIS BEFORE THE BOARD NOW:

1. Undersheriff Kuskie is requesting 1st Quarter billing approval for thirteen (13) Liquor Licenses for year 2025.

PREVIOUS ACTION
None

BACKGROUND
HCC 5.32 Liquor Licenses

FISCAL IMPACT
Applicable fees are collected and submitted to Humboldt County Treasurer for deposit into the General Fund. $100 fee for off-premise / $60 fee for on-premise.

RECOMMENDATION

1. To approve 1st Quarter Liquor License renewals for year 2025

LIST SUPPORTING DOCUMENTS IF APPLICABLE:

1. 2025 1st Quarter Liquor License chart

POSSIBLE MOTION

1. Consideration, discussion, and possible approval for 2025 1st Quarter Liquor Licenses

Humboldt County Sheriff's Office

2025 1st Quarter Liquor License Renewals

	Applicant	Business Name	Acct #	Premise Type	
				On	Off
1	Saif Oraha / SMO Fuels, Inc.	Valmy Chevron	191	•	
2	William Firth	Water Hole #1	188	•	
3	Gurjot Singh	BJ's Market	187		•
4	Tiara Tocco	Denio Junction	186	•	
5	Giovanni & Shannon Giordano	Sawtooth Station	164	•	
6	Joginder Lal	McDermitt Gas Lean Motel	160		•
7	Jeffery Siegel	Diamond Inn Bar	159	•	
8	Manjinder Singh & Kirandeep Kaur	A-1 Fuel Stop	158		•
9	Norman Calhoun Jr & Barry Wilkinson	Quinn River Merc, LLC	156		•
10	Juanita Kennedy	Paradise Valley Bar & Grill	127	•	
11	Micaela Fregoso, Gen Mgr.	Pilot Travel Centers, LLC	126		•
12	Ted Rookstool	Windspur Supply	037		•
13	Chloe Dufferrena	Say When, Inc.	018	•	

Note: All above licenses will expire 12/31/24

NOTICE OF PUBLIC HEARING by the HUMBOLDT COUNTY BOARD OF COMMISSIONERS ON NUISANCE COMPLAINT

PUBLIC HEARING:

10:00 a.m. Monday, October 21, 2024
Physical location:
Library Meeting Room
85 E. 5th St.
Winnemucca NV 89445

To attend virtually a link to join the meeting via Teams will be made available on the County website under the date and time listed above at https://www.humboldtcountynv.gov Select the "Government" drop-down and select "Agendas" or you may join by phone at +1-775-446-0241 Conference ID: 526 403 833#

Written comments must be submitted no later than 5:00 p.m. Monday, October 14, 2024 to the Humboldt County Clerk at 50 W. 5th St., #207 Winnemucca, NV 89445. Public comments will be accepted at the Public Hearing.

SUMMARY:

The Humboldt County Board of Commissioners will hold a hearing on a nuisance complaint alleging that property belonging to Jose Flores/Petra Moran Munoz is defined as a possible nuisance per Humboldt County Code, Chapter 8.04. The property is located at 3080 Mars Avenue, Winnemucca NV, Assessor's Parcel # 13-0457-06.

Copies of all inspection reports regarding this complaint are available at the County Clerk's Office at 50 W. 5th Street, Room 207, Winnemucca, NV 89445. Should you have any questions you may call (775) 623-6343. All interested parties are urged to attend and present testimony at said hearing.

DATED: September 27, 2024.

(COUNTY SEAL)

TAMI RAE SPERO, Humboldt County Clerk and Ex-Officio Clerk of the Board of County Commissioners of Humboldt County, Nevada

Publish: October 9th and October 16th, 2024 (2t)

HUMBOLDT COUNTY

50 W. 5th Street
Winnemucca, Nevada 89445
www.humboldtcountynv.gov

STAFF REPORT

DATE: Thursday, August 15, 2024

TO: County Commission

FROM: Humboldt County Clerk

SUBJECT: Discussion & Possible Action to Set to Public Hearing a Nuisance Complaint

REQUESTED AGENDA DATE: 09/03/2024

SUMMARY

A nuisance complaint was filed against property located at 3080 Mars Avenue, Winnemucca, NV; Assessor's Parcel Number 13-0457-06 and owned by Jose Flores & Petra Moran Munoz. An investigation conducted by the Humboldt County Sheriff's Office found that a potential nuisance existed at the site per Humboldt County Code (HCC) 8.04 due to the number of inoperable vehicles and miscellaneous auto parts located on the property.

WHY ARE YOU BRINGING THIS BEFORE THE BOARD NOW:

Per HCC 8.04.040, as verification has been received that a nuisance might exist, I am informing the Board and fixing a date for a hearing on the complaint via a "Set To" item on the September 3, agenda.

PREVIOUS ACTION

No previous action related to this complaint.

BACKGROUND

See Summary.

FISCAL IMPACT

Not applicable.

RECOMMENDATION

No recommendation offered.

LIST SUPPORTING DOCUMENTS IF APPLICABLE:

Copy of Nuisance Complaint; Copy of information provided via email by Winnemucca Rural Fire Chief; copy of the Humboldt County Sheriff's Investigative Report and copy of Notice per HCC 8.04.050 as served on property owner, resident of property and posted at site.

POSSIBLE MOTION

No recommendation for a possible motion provided – language would be based on Board determination as well as legal direction.

Tami Rae Spero
County Clerk
Maria Diaz
Deputy
Harmony Brown
Deputy

Humboldt County Clerk
Humboldt County Courthouse

Jessica Koepke
Deputy
Marie Jones
Deputy
Candice Townsend
Deputy

NOTICE PER HUMBOLDT COUNTY CODE 8.04.050 REGARDING NUISANCE COMPLAINT

NOTICE IS HEREBY GIVEN that a Complaint of Existence of Nuisance has been filed with the Humboldt County Clerk on property located at 3080 Mars Avenue, Winnemucca, Nevada and owned by Jose Flores/Petra Moran Munoz. The Assessor's Parcel Number for said property is as follows: 13-0457-06.

Per Humboldt County Code (HCC) 8.040.050, this notice is being served upon the person owning the premises according to the current tax roll, the person in possession, charge or control of the yard, lot or premises upon which the potential nuisance exists and the person or persons filing said complaint. Said notice is also being posted at the site of the potential nuisance.

Said Complaint stated the following facts as cause for the complaint: number of vehicles located on site which are collecting, rodents, insects and possibly snakes and discarded auto parts per HCC 8.04.010 and 8.04.020.

Upon receipt of the complaint an inspection was completed by the Humboldt County Sheriff's Office; said report is hereby attached.

This matter may be set to public hearing at the September 3, 2024 County Commission Meeting. Upon scheduling of the public hearing notice to all interested parties will be provided and publication in a newspaper of general

50 W. 5th Street - Rm 207
Winnemucca, NV 89445

Telephone: 775-623-6343
Fax: 775-623-6309

circulation published in the County will occur.

Any questions regarding this notice may be directed to the Humboldt County Clerk's Office at 50 W. 5th St. Room 207, Winnemucca, NV 89445, telephone number (775) 623-6343.

Tami Rae Spero
Humboldt County Clerk

(COUNTY SEAL)

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DATED: September 27, 2024.

(COUNTY SEAL)

TAMI RAE SPERO, Humboldt County Clerk and Ex-Officio Clerk of the Board of County Commissioners of Humboldt County, Nevada

Publish: October 9th and October 16th, 2024 (2t)

HUMBOLDT COUNTY SHERIFFS OFFICE

50 W FIFTH ST WINNEMUCCA, NV 89445 775-623-6419

INFORMATION REPORT

Case 0824-023

OFFENSES

F/M A/C	Offenses	(A/C - Attempt/Completed)	Date Occurred	Time Occurred	Incident #
	Information Only Information Report		08/11/24-08/11/24	0910 - 1012	2408110014

Date Reported	Time Reported
08/11/2024	0910

Related Cases

Date Printed	Time Printed	Printed By
08/12/2024	15:01:16	G1014

Latitude	Longitude
40.923320	-117.765170

Location	Beat	Area	Disposition	Dispo Date
3080 Mars Ave, Winnemucca, NV 89445	1		Information Only	08/11/2024

Location Type	Location of Entry	Method of Entry	Point of Entry	Alarm System	Means of Attack (Robbery)

Victim	Drivers License	Cell Phone	Email

Residence Address	Notified of Victim Rights	Residence Phone	DOB	Age	Sex	Race

Business Name and Address	Business Phone	Height	Wt	Hair	Eyes

Assistance Rendered/Victim Disposition	Transporting Agency	Means of Attack (Assaults)

Description of Injuries	Other Information

Mentioned - Other	Drivers License	Cell Phone	Email
Hyde, Joshua Paul-Quin	1203761398 NV		

Residence Address	Residence Phone	DOB	Age	Sex	Race
3055 Star City Av, Winnemucca, NV 89445		06/04/1993	31	M	W

Business Name and Address	Business Phone	Height	Wt	Hair	Eyes
		6`2"	250	BRO	BRO

Suspect Name	Action Taken	Charges

Residence Address	Residence Phone	DOB	Age	Sex	Race

Business Name and Address	Business Phone	Height	Wt	Hair	Eyes

Identifying Features	Cell Phone	Drivers License	Arrest Number

Aliases	CII

VEHICLES

Status	Vehicle Make and Model	License/State	VIN	Val Damgd
	(Vehicles listed on separate page)			

DEPUTIES

Prepared By	Date	Assisted By	Approved By	Date
C3061 - Diarte, Cristian	08/11/2024	M2035 - Howard, Manda	R2034 - Ponce, Rick	08/12/2024

Routed To	Date	Routed To	Date	Notes

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CONTROLLED DOCUMENT - DO NOT DUPLICATE

Mentioned - Other	Drivers License	Cell Phone	Email			
Searle, Dylan Thomas	0803455325 NV					
Residence Address		**Residence Phone**	**DOB**	**Age**	**Sex**	**Race**
3915 Celeste Ct, Winnemucca, NV 89445		775-304-9040	05/19/1993	31	M	W
Business Name and Address		**Business Phone**	**Height**	**Wt**	**Hair**	**Eyes**
Ridleys, Winnemucca, NV 89445			5`11"	170	BRO	BLU

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CONTROLLED DOCUMENT - DO NOT DUPLICATE

Case # 0824-023
Reference: Nuisance Investigation Request
Date: August 11th, 2024

At approximately 0917 hours, Deputy Diarte responded to 3080 Mars Ave, located in the City of Winnemucca, Humboldt County, Nevada, for a Nuisance Investigation. On the third (3rd) page of the Nuisance Complaint, it is specified, "At least 15 vehicles, two 5th wheel trailers, and a refer trailer that are collecting rodents, insects, and possibly snakes also we have had an increase of vermin that we normally don't have. Also, in the driveway, there are discarded auto parts. These are also a fire hazard." Deputy Diarte observed several inoperable vehicles missing and miscellaneous auto parts located all around the property. Deputy Diarte met with Dylan Searle and had him confirm which vehicles were registered and operable. Dylan said the tan 2004 4-door Buick registered to him was operable, and the white 1998 GMC Utility truck was registered to his roommate, Joshua Paul-Quin Hyde. Dylan told deputies he was making an effort to clear out the items listed in the complaint.

The following vehicles had expired registration and were inoperable. (see attached photos)

1979 Ford Pickup registered to Dylan Searle

1984 Dodge Pickup registered to Vicki Lynn Carter

1988 Ford Pickup registered to Joshua David Jones

1978 Ford Pickup registered to Andrea Ellifritz

1993 GM 4-door Wagon registered to Jose Dejesus Urtiz-Romero

1986 Blue Ford Pickup registered to Trevor Blain Parker

1996 Dodge Pickup registered to Hoss Disposal Inc.

2006 Nissan Pathfinder registered to a Charissa Parker

2002 White Buick registered to Michelle Lynn Searle

1975 Ford Pickup registered to Thomas James Romano

1989 Ford Pickup registered to Dylan Searle

1991 Chevrolet Pickup registered to Joshua Paul-Quin Hyde

1999 White Mitsubishi 4-door sedan registered to Joshua Paul-Quin Hyde

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Prepared By:		Date:	Approved By:		Date:
C3061	DIARTE, CRISTIAN	08/11/2024	R2034	PONCE, RICK	08/12/2024

Status	Vehicle Make and Model	License/State	VIN	Val Damgd
Mentioned	1998 White Gm	478Y51 NV	3GKFK16R9WG500070	
Mentioned	1979 Ford	854LXC NV	F26HREC0699	
Mentioned	1984 Dodg	340WRV NV	1BKW34W2ES332251	
Mentioned	1988 Blue Ford F250	466LRA NV	1FTHX26G5JKB39691	
Mentioned	2004 Buic	3345A9 NV	2G4WS52J741201276	
Mentioned	1978 Ford	920EGM NV	F37SRBE5963	
Mentioned	1991 White/Blue Chevy	864N46 NV	2GCEK19KXM1204339	
Mentioned	1999 White Mits	444ARV NV	4A3AX55F3XE116376	
Mentioned	1993 Gm	994H91 NV	1GKGK26K0PJ757650	
Mentioned	2002 Buic	310S72 NV	2G4WS52J621208166	
Mentioned	1975 Ford	052VNH NV	F60KCW28333	
Mentioned	1989 Ford	REDNEC1 NV	1FTHF26G2KKA03118	
Mentioned	1988 Blue Fdgd F350	NV	2FTJW35G3JCB19813	
Mentioned	1986 Ford	047X63 NV	1FTHX26LXGKA35283	
Mentioned	2006 Gray Niss Pth	912X63 NV	5N1AR18U76C632181	
Mentioned	1996 Dodg	498PAG NV	1B7KF23C33TJ164446	

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1988 Blue Ford F350 no registered owner

Dylan had more than two unlicensed and inoperable vehicles on his property. David was in violation of NRS 487.305 Unlawful possession of unregistered vehicles unfit for use.

The entire incident was recorded on Deputy Diarte's body-worn camera.

Please forward this to the Humboldt County Clerk's Office for their review.

End of Investigation
Deputy Cristian Diarte 210

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Prepared By:		Date:	Approved By:		Date:
C3061	DIARTE, CRISTIAN	08/11/2024	R2034	PONCE, RICK	08/12/2024



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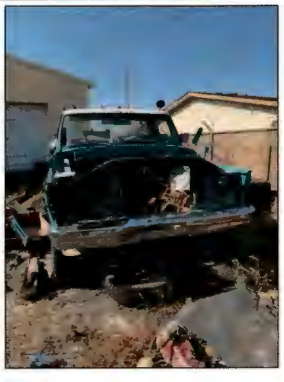

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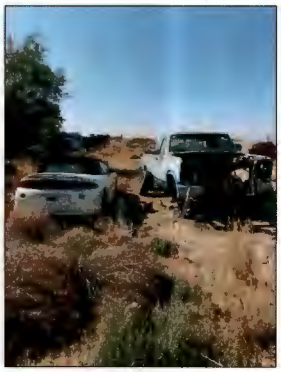

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Tami Spero

From: Torrey Sheen <[redacted]>
Sent: Thursday, August 8, 2024 9:43 AM
To: Tami Spero
Subject: Re: Request for Nuisance Inspection

Tami I have gone out and looked at the property at 3080 Mars Ave. and while there are cars and misc. other items on the property I do not find any greater fire hazard in the area than other like properties in that general area.

On Tuesday, August 6, 2024 at 12:09:59 PM PDT, Tami Spero <tami.spero@humboldtcountynv.gov> wrote:

Hi Torrey. Attached is a request for an inspection on a Mars Avenue address as fire hazard has been identified in the complaint. Could you please take a look and let me know your thoughts. I have put the hard copy in your box in the Comptroller's Office if you want it. Thank you!!

Tami Rae Spero

Humboldt County Clerk

50 W 5th St. #207

Winnemucca, NV 89445

RECEIVED

AUG 02 2024

HUMBOLDT COUNTY CLERK

Nuisance Complaint Form

Date: Aug 2 2024

Address of alleged Nuisance: 3080 Mars Ave

Section of Ordinance complaint made on: 8.04.010 8.04.020

Describe condition of property that lead to filing of complaint:

See attached paper

Are you providing photos or other evidence? _____Yes _____ No
If so please attach.

Are you the only complainant? _____ Yes _____ no

If no list other complainants (provide printed name, signature, address, and telephone number: (attach additional sheet if necessary)

1. Boyd Betteridge, Boyd Betteridge 3060 Mars Ave 775 304-1785
2. Janet Roberts Janet Roberts 3090 Mars Av 775-625-347
3. John Billows John Billows 3085 Mars Av 775-400-4348
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Signature: Janet Roberts

Print Name: Janet Roberts

Mailing Address: 3090 Mars Ave
WMCA NV 89445

Describe condition of property that lead to filing of complaint:

At least 15 vehicles, two 5th wheel trailers, and a refer trailer that are collecting rodents, insects, and possibly snakes also we have had increase of vermin that we normally don't have. Also in the driveway there is discarded auto parts. These are also a fire hazard.

Parcel 13-0457-06

Owners

FLORES JOSE/MORAN MUNOZ PETRA
FLORES JOSE
MORAN MUNOZ PETRA
3080 MARS AVE
WINNEMUCCA, NV 89445



Parcel Summary

Location	3080 MARS AVE WINNEMUCCA, NV
Use Code	236: Personal Property Manufactured Home Secured
Tax District	3.0: Winnemucca Rural Fire Dist
Section	12
Township	35
Range	37
Acreage	1.0100
Block/Lot	F/6
Subdivision	STAR CITY #2

Value History

	2024	2023	2022	2021	2020	2019	2018
Total Building Value	$19,853	$17,544	$17,269	$16,937	$17,086	$16,674	$16,409
Total Extra Features Value	$4,682	$4,402	$0	$0	$0	$0	$0
Total Secured Pers Prop	$3,490	$3,490	$3,491	$3,491	$3,491	$3,491	$3,491
Total Land Value	$25,500	$25,500	$25,500	$25,500	$25,500	$25,500	$22,500
Taxable Value	$53,525	$50,936	$46,260	$45,929	$46,077	$45,666	$42,400
Net Exemptions Value	$0	$0	$0	$0	$0	$0	$0
Net Assessed Value	$18,734	$17,828	$14,969	$14,853	$14,905	$14,761	$13,618
New Improvements	$0	$0	$0	$0	$0	$0	$0
New Land	$0	$0	$0	$0	$0	$0	$0

Document/Transfer/Sales History

Instrument / Official Record	Official Record	Date	Type	V/I	Dcl Value	Ownership	Red Flag
GBS 202204545	202204545	2022-10-17	GRANT BARGAIN SALE DEED	Improved	$95,000	Grantor: HOWARD ARLIN Grantee: FLORES	

HUMBOLDT COUNTY

50 W. 5th Street
Winnemucca, Nevada 89445
www.humboldtcountynv.gov

STAFF AGENDA REQUEST

DATE: October 24, 2023

TO: County Commission

FROM: Mike DeTullio, Director of Technology Services

SUBJECT: Approval of Early Termination of Contract with Granite Telecommunications and Approve Accepting One-Time Activation Credit Offer from Verizon Wireless and for the Commission Chairman or His Designee to Sign Any Associated Documents

REQUESTED AGENDA DATE: November 18, 2024

SUMMARY AND BACKGROUND:

The Technology Services Department is requesting that the Commission approve the early termination of a contract with Granite Telecommunications (Granite) and approve accepting a one-time activation credit offer from Verizon Wireless.

On November 6, 2023, this Commission approved entering into a contract with Granite for cellular services. Granite offered a solution to Humboldt County that did not change the carrier, it only moved the billing from a retail platform to a wholesale platform at what appeared to be a significant cost saving to Humboldt County. Humboldt County has remained on the Verizon network with the same devices and same phone numbers through the Granite contract.

The Technology Services Department (the department) also currently still has a government account with Verizon Wireless, as the process to move everything from this account to Granite was a two-phase process that was never completed. The account allows the department to purchase wireless devices, cell phone service, laptop/tablet and other device data lines for county employees at a special discounted government rate. Additionally, on or around April 2024, the County's Verizon account qualified for and was converted to a public safety account and all device lines now utilize their service from the Verizon First Responders' Network which is similar to AT&T's FirstNet. These devices now enjoy prioritized data lines and cell line services at further reduced monthly rates.

Soon after making the phase one transition of data lines and a few cell phone lines to the Granite contract, the department began to realize some stark limitations and differences with the Granite contracted services versus the services provided by Verizon. The department was presented with this solution by Granite as a pooled data plan but Granite never gave a detailed description of what the pooled data plan would look like. This was only discovered by the department once the contract was entered into. For example, the cost savings realized by a data line of service was only substantial if the data line of service was assigned to a .5GB data plan, costing $7.99 per month. This is an extremely small amount of data than can easily be exceeded by normal use of a device's data line. An illustration of this normal use would

be what the Sheriff's patrol vehicles' MDTs (Mobile Data Terminal) use. The MDTs, which all use a data line of service to access the internet from the vehicles, normally use around 5GB of data a month. Granite does have a 5GB plan, which some of the MDTs were assigned to, but that plan for each line costs $39.99 per month which is the same costs for an unlimited data line of service from Verizon and Verizon's data lines are on their First Responders' Network. This was never explained to the department by Granite prior to entering into the contract with them. Also, the assignment of all the county's data lines of service seem to have been randomly assigned by Granite as they are not all on the same allotment plan and the county was never given the option to make these choices.

Also, in May 2024, the department received a notification from Granite that the department's account was in an overage status as the account had exceed the entire account's allotment of pooled data of 123GB. This was due to one user's data line being utilized while working an extended period of time remotely. This total allotment of data for the entire account was also never explained to the department by Granite prior to entering into the contract with them.

Another example of the only cost saving the County realizes from the Granite contract is on their cell phone lines of service that are allotted 3GB of data at a cost of $34.99 per month. Again, this is a fairly small amount of data for regular use on a cell phone. For only $5.00 more per month, $39.99, our cell phone lines of service from Verizon comes with unlimited data and are on their First Responders' Network. Furthermore, the cell phones offered by Granite for purchase were quite a bit more expensive than what Verizon offers. Verizon often offers specials on phone purchases and offer older phones at a discounted price.

Additionally, upon using Granite's online portal to activate or de-activate lines of service or to order SIM cards or purchase cell phones, it has been discovered that it is clunky and cumbersome and sometimes could not even be used for these transactions. When not being able to use Granite's online portal, one would have to email the customer service rep, who is on the east coast and works a schedule that is three hours ahead of the county's normal business hours. This would sometimes delay a response from the customer service rep until the next business day. These factors alone have made working with Granite very frustrating at a minimum.

Upon the department's continuous frustration with the limitations of the Granite plan, the department began discussing early termination of the Granite contract and requested an estimate of early termination fees from Granite. Subsequently, the department also began discussing early termination with the County Manager and the District Attorney. The District Attorney reviewed Granite's contract with the County and determined although there are some ambiguities contained in the contract and Granite not being very forthcoming with their presentation of the contract savings from the beginning, the contract is a contract and he did not think the county could terminate it early without having to pay the early termination fees. As of October 31, 2024, the estimate of early termination fees the county would have to pay, for terminating the contract in whole, is $21,731.00.

However, about the same time the county began to realize the Granite contract is not what it was presented to be, and the county's Verizon account was converted to a public safety account, the county's Verizon rep reached out to see how things were going with the Granite contract. The department shared with the Verizon rep that we were very unhappy with the Granite contract and the services received. The Verizon rep asked the department if we were offered a special to move all lines from the Granite contract back to the Verizon account, would that be entertained. Soon after, the department was given a One-Time Equipment, Smartphone Activation Credit, & Mobile Broadband/Tablet Activation Credit Offer from Verizon, which has now been extended twice and the department has until December 31, 2024 to take advantage of, that entails activating a minimum of four (4) smartphones and a minimum of fifty (50) data lines of service on the county's public safety account and Verizon will credit the county $100.00 for each

smartphone and $240.00 for each data line of service. In addition, Verizon will provide the county with four (4) of the newest smartphones, iPhone or Android, at no cost. The county has 83 devices on the Granite plan but only requires 74 of those devices to remain activated and moved back to their Verizon public safety account. Of those 74 devices, 4 of them are smartphones. The result of activating those 74 device lines of service on the department's Verizon account would result in a credit back to the department from Verizon, in an amount of $17,200.00. The department would also be receiving four (4) brand new smartphones, valued at $729.99 each for a total value of $2,919.96, as part of their offer. This offer must be accepted and completed by December 31, 2024.

The department is requesting authorization to terminate their contract with Granite early and accept the activation credit offer from Version, moving 74 of the 83 device lines of service back to their Verizon account. The difference of paying Granite's early termination fee estimate of $21,731.00, and accepting the activation credit offer from Verizon, in the amount of $17,200.00, would result in the county ultimately only paying $4,531.00 in early termination fees to Granite and receiving $2,919.96 worth of brand new smartphones. The department and the county as a whole would benefit from authorizing this request, as the services they will receive from Verizon will be much better quality and will utilize Verizon's First Responder Network, giving all lines of service, be it a data line or cell phone line, priority service. Being on Verizon's First Responder's Network will also help further the county's continuity of operations in an emergency situation. Additionally, the cost of the lines of service from Verizon will be known and mostly cost no more than the lines of service from the Granite contract and most importantly will not be limited on the amount of data utilized by those lines of service.

WHY ARE YOU BRINGING THIS BEFORE THE BOARD NOW:
To approve the early termination of a contract with Granite Telecommunications (Granite) and approve accepting a one-time activation credit offer from Verizon Wireless and for the Commission Chairman or his designee to sign any associated documents.

PREVIOUS ACTION:
None

HAS DISTRICT ATTORNEY REVIEWED AGREEMENT/CONTRACT IF APPLICABLE:
Yes

FISCAL IMPACT IF APPLICABLE:
The fiscal impact of approving this request would be paying an additional amount of approximately $1,655.00 from the approved fiscal year 2024-2025 Technology Services - Computer Systems budget for cellular services that would have been paid from the fiscal year 2025-2026 Technology Services – Computer Systems budget for cellular services, in the form of early termination fees. Otherwise, the fiscal impact of approving this request would not change from the amounts approved for the fiscal year 2024-2025 Technology Services – Computer Systems budget for cellular services.

RECOMMENDATION:
It is recommended that this request be approved and for the Commission Chairman or his designee to sign any associated documents related to the early termination of the Granite contract and the acceptance of the Verizon One-Time Activation Credit Offer.

LIST SUPPORTING DOCUMENTS IF APPLICABLE:
Granite Government Solutions Path to Partnership with Humboldt County – Original presentation made to the County, Granite Early Termination Fee Estimate Spreadsheet and Verizon One-Time Equipment, Smartphone Activation Credit, & Mobile Broadband/Tablet Activation Credit Offer.

POSSIBLE MOTION:

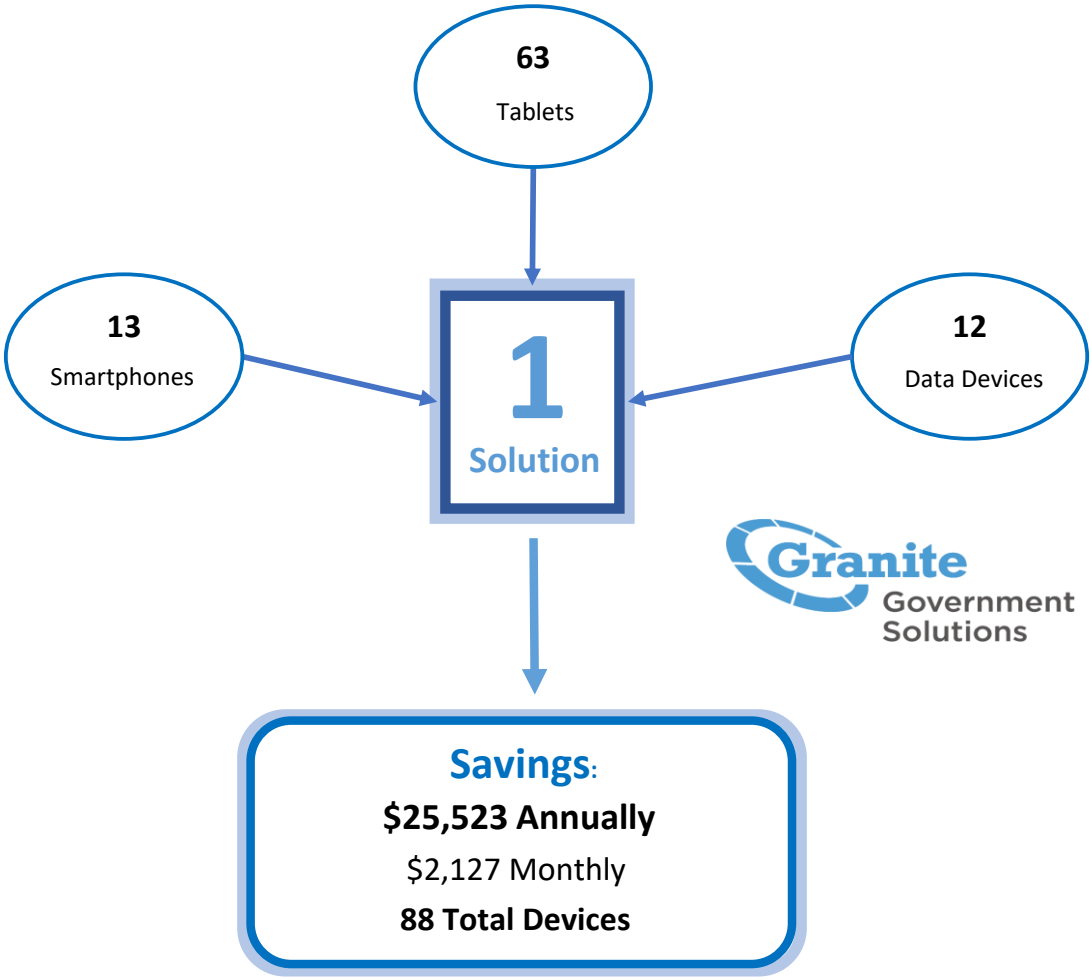
Motion to approve the Technology Services Department request, as presented, to approve the early termination of the contract with Granite Telecommunications and approve accepting One-Time Activation Credit Offer from Verizon Wireless and for the Commission Chairman or his designee to sign any associated documents.

Path to Partnership

Humboldt County

The Value in Partnering with Granite Enterprise Mobility

Granite Telecom is the nation's largest provider of managed interconnection services. We provide data, wireless and voice services for business clients. Granite Enterprise Mobility blends the major mobile operators into one consolidated platform while leveraging our buying power to provide simpler and more cost effective mobility solutions and value added services to our customers and partners.



1
Solution

- 1 National Account Manager
- 1 Customized bill with standard accounting software integration
- 1 Customer portal with extensive data analytics
- 1 Premier Support Team to manage your account 24x7x365

Granite Government Solutions

Path to Partnership

Humboldt County

Granite is the leading communications services provider in the nation

$1.6B+
GRANITE'S ANNUAL REVENUE

$100M+
GRANITE'S ANNUAL GROWTH RATE LAST 7 YRS

$0
GRANITE'S DEBT

9K+
SATISFIED CORPORATE CLIENTS

650K+
LOCATIONS SERVED

85+
FORTUNE 100 CUSTOMERS SERVICED

1/3rd
OF STAFF IN CUSTOMER SERVICE ROLE

5X
HIGHER RETENTION RATE THAN THE INDUSTRY AVERAGE

1
NUMBER OF INVOICES

Granite Government Solutions

Path to Partnership

Humboldt County

Granite Mobility Services at a Glance

Geographic perfection
All 3 major mobile operators available on one platform providing savings, flexibility, and simplicity all on one bill

Managed Mobility Marketplace
Allows to access and order all of our wireless mobility products easily

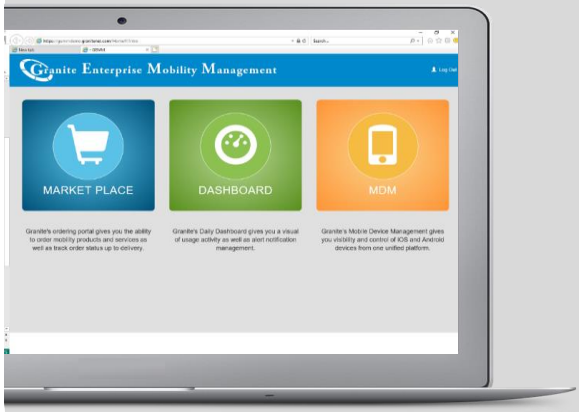
Daily Dashboards
Single pane of glass for In-depth visibility into data usage across all underlying carriers

Concierge Support
You'll be given a concierge customer service contact who will be your resource throughout your time with Granite

Device Management Solutions
Customized device management platforms, including usage control, policy compliance, and advanced mobile security services

Overage Protection Plan (NOverage)
You can elect to have Granite automatically manage your plans to avoid overage charges

Granite Managed Portals



Market Place
Granite's ordering portal gives you the ability to order mobility products and services as well as track order status up to delivery.

Daily Dashboards
Granite's Daily Dashboard gives you a visual of data usage activity as well as alert notification management.

Path to Partnership

Humboldt County - Phase 1

Time Frame - 3 Months
Quote ID: 131232
Expires: 12/20/2023

Savings Report

Current Carrier	New Carrier	Conversion Process	Device	Users Quoted	Plan	Current Amount	Granite Amount	Savings
Verizon	Verizon	Managed Transition	Tablet	63	Pooled Verizon Data Plan	$2,519.37	$1,015.37	
			Hotspot	1	Pooled Verizon Data Plan	$39.99	$7.99	
			Router	4	Pooled Verizon Data Plan	$159.96	$31.96	
			Data Device	7	Pooled Verizon Data Plan	$279.93	$55.93	
			Mobile Summary	**75**		**$2,999.25**	**$1,111.25**	**$1,888.00**
Verizon	Granite Wireless VzW	Sim Swap	Smartphone	7	Granite Wireless VzW Plan	$500.83	$349.93	
			Mobile Summary	**7**		**$500.83**	**$349.93**	**$150.90**
			Total Devices	**82**	**Total Spend**	**$3,500.08**	**$1,461.18**	
					Monthly Savings			**$2,038.90**
					Yearly Savings			**$24,466.80**
					Monthly Savings %			**58%**

Early Termination Fee		
Total ETF	**Granite ETF Coverage**	**Customer ETF Responsibility**
$0.00	**$0.00**	**$0.00**

Remaining Equipment Balance		
Total Equipment	**Granite Equipment Coverage**	**Customer Equipment Responsibility**
$0.00	**$0.00**	**$0.00**

No Granite Wireless VzW Domestic Roaming or International Services.
24 month service term required.
Wireless MRC does not include overage charges, SIM card or any equipment.
Unlimited Talk and Text, and Device access are included in all phone plans.
International Day Pass will be activated for $10 per day when traveling Internationally
ETF amount shown on the quote is the estimated amount covered by Granite. Any remaining ETFs or other balances due will need to be covered by the customer.
Phase 1 conversion may take up to 3 months to complete.
If a line is disconnected prior to the contract end date, the customer is responsible for paying the remaining contract balance.
Applicable taxes, fees, shipping and delivery are not included.
This is an estimate. Pricing is subject to change and is intended to be used for analysis purposes only.
Dependent on coverage and availability, some restrictions apply.

Path to Partnership

Humboldt County - Phase 2

Time Frame - 1 Year
Quote ID: 131232
Expires: 12/20/2023

Savings Report

Current Carrier	New Carrier	Conversion Process	Device	Users Quoted	Plan	Current Amount	Granite Amount	Savings
Verizon	Granite Wireless VzW	Sim Swap	Smartphone	6	Granite Wireless VzW Plan	$387.94	$299.94	
			Mobile Summary	**6**		**$387.94**	**$299.94**	**$88.00**
			Total Devices	**6**	**Total Spend**	**$387.94**	**$299.94**	
					Monthly Savings			**$88.00**
					Yearly Savings			**$1,056.00**
					Monthly Savings %			**23%**

Early Termination Fee		
Total ETF	**Granite ETF Coverage**	**Customer ETF Responsibility**
$60.00	**$0.00**	**$60.00**

Remaining Equipment Balance		
Total Equipment	**Granite Equipment Coverage**	**Customer Equipment Responsibility**
$0.00	**$0.00**	**$0.00**

No Granite Wireless VzW Domestic Roaming or International Services.
Unlimited Talk and Text, and Device access are included in all phone plans.
International Day Pass will be activated for $10 per day when traveling Internationally
ETF amount shown on the quote is the estimated amount covered by Granite. Any remaining ETFs or other balances due will need to be covered by the customer.
If a line is disconnected prior to the contract end date, the customer is responsible for paying the remaining contract balance.
Applicable taxes, fees, shipping and delivery are not included.
This is an estimate. Pricing is subject to change and is intended to be used for analysis purposes only.
Dependent on coverage and availability, some restrictions apply.

Granite Government Solutions

Path to Partnership

Humboldt County

Devices Consolidated:

Devices	Phase 1	Phase 2	Total
Smartphone	7	6	13
Basic Phone	0	0	0
Tablet	63	0	63
Hotspot	1	0	1
Router	4	0	4
Modem	0	0	0
Laptop	0	0	0
Wearable	0	0	0
Data Device	7	0	7
Aircard	0	0	0
Total	**82**	**6**	**88**

Savings:

Phase 1	Phase 2	Total
$24,467 Annually $2,039 Monthly 82 Total Devices	$1,056 Annually $88 Monthly 6 Total Devices	$25,523 Annually $2,127 Monthly 88 Total Devices

Device Replacement:

Devices	MSRP	Granite's Price	Amortized 24 Months	Amortized 36 Months
Apple iPhone SE (2022) 64GB	$429.00	$429.00	$20.49	$14.49
Apple iPhone 12 64GB	$629.00	$629.00	$29.99	$20.99
Apple iPhone 13 Mini 128GB	$629.00	$629.00	$29.99	$20.99
Apple iPhone 13 128GB	$729.00	$729.00	$34.99	$24.49
Apple iPhone 14 128GB	$829.00	$829.00	$39.49	$27.99
Apple iPhone 14 Plus 128GB	$929.00	$929.00	$44.49	$31.49
Apple iPhone 14 Pro 128GB	$829.00	$829.00	$39.49	$27.99
Apple iPhone 14 Pro Max 128GB	$1,099.00	$1,099.00	$52.49	$37.49
Samsung Galaxy A23 64GB	$299.99	$299.99	$13.99	$9.99
Samsung Galaxy A53 128GB	$449.99	$449.99	$21.49	$14.99
Samsung Galaxy XCover6 Pro 128GB	$599.99	$599.99	$28.49	$20.49
Samsung Galaxy S22 128GB	$799.99	$799.99	$37.99	$26.99
Samsung Galaxy S22+ 128GB	$999.99	$999.99	$47.99	$33.99
Samsung Galaxy Z Flip4 128GB	$999.99	$999.99	$47.99	$33.99
Samsung Galaxy Z Fold4 256GB	$1,799.99	$1,799.99	$85.99	$61.49

Other Services:

Add-On Services	MRC per Line
NOverage - Overage Protection Plan	$0.00
Static IP	$2.99

Granite Government Solutions	**GOVERNMENT ACCOUNT FORM AND LETTER OF AGENCY** **Multi-Services**	Sales Rep:	
		Order Date:	9/21/2023

CUSTOMER INFORMATION	
Government Entity Name ("Customer"):	Humboldt County
Billing Telephone Number:	775-623-6040
Designated Contact:	Tammy Bendell
Contact Phone Number:	775-623-6040
Service Address (Street/Suite): See Appendix A-1	795 Fairgrounds Road
Mailing/Billing Address (Street/Suite):	795 Fairgrounds Road
City:	Winnemucca
State/Zip Code:	Nevada 89445
Additional Comments/Notes (if any):	

AGREEMENT AND AUTHORIZATION

By signing this Government Account Form and Letter of Agency ("LOA"), Customer hereby (a) engages Granite Telecommunications, LLC and/or its affiliates ("Granite") to provide Services as set forth in **Appendix A**, attached hereto and incorporated herein, and such other Services as Customer may order from time to time after the date hereof and (b) authorizes and appoints Granite to act as its agent solely for the purposes of handling all arrangements for establishing, converting, ordering, changing and/or maintaining such Services, and to take such other actions as are reasonably necessary to provide such Services and as Customer may request from time to time. Customer directs its current service provider(s), if any, to work with Granite to affect these changes.

Services Under this Agreement shall be for 2 years. Customer can cancel services at any time given 30 (thirty) days written notice.

The Terms of Service set forth rights and responsibilities of Customer and Granite concerning Services to be provided and in regards to other important topics. If Customer does not agree to the Terms of Service, the authorized representative of Customer should not sign this LOA. All terms and conditions of the Terms of Service are incorporated herein by reference. ***The Customer Disclosures attached hereto are an integral part of this LOA. This LOA is confidential and may not be disclosed to third parties.***

SIGNATURE

The undersigned is authorized to sign on behalf of Customer and Customer agrees to be bound by the Terms of Service. This LOA is effective as of the date of execution below.

Customer

By:_____ Print Name: _____ Title: _____

Date: _____

Signing this Government Account Form and Letter of Agency will result in a change of service provider(s).

CUSTOMER DISCLOSURES INTERNET BASED SERVICES

Customer acknowledges and agrees that certain Internet Based Services (which for purposes of this Customer Disclosure, includes, but is not limited to, Hosted PBX, SIP Trunking, SIP PRI, Hosted Voice, Virtual Auto Attendant and Virtual Voicemail Services), ordered through Granite may not operate in the same manner as traditional wireline phone service and that the following terms and conditions apply with respect to such Internet-Based Services: (a) such services are designed only for use with a compatible PBX or similar advanced telephone system; (b) such services only support Granite's local, intralata toll, interstate long distance and international voice services;

(c) such services DO NOT support auto dialers, predictive dialers, telemarketing applications, modems, credit card process, heavy faxing lines and elevator lines (only POTS lines should be used for these purposes); (d) a qualified vendor must install the equipment and service at Customer's sole expense and Granite will not process any order without a qualified vendor involved in the installation process; and (e) Granite requires that Customer provide a complete list of all phone numbers to be ported, any numbers omitted from the list may result in those numbers not being ported at the time of circuit turn-up. Granite will attempt to retrieve CSRs from the existing carrier(s), but cannot guarantee its ability to obtain such CSRs. Customer agrees to provide Granite with complete CSRs, if requested.

CUSTOMER ACKNOWLEDGES AND AGREES THAT SOME OF THE SERVICES PROVIDED BY GRANITE ARE INTERNET-BASED SERVICES AND THAT 911 SERVICES ON INTERNET-BASED SERVICES ARE DIFFERENT THAN THAT OF TRADITIONAL WIRELINE SERVICE. FOR BASIC 911 OR E911 TO BE ACCURATELY ROUTED TO THE APPROPRIATE EMERGENCY RESPONDER, CUSTOMER MUST PROVIDE GRANITE WITH THE TELEPHONE NUMBER(S) ASSOCIATED WITH SUCH INTERNET-BASED SERVICES FOR THE REGISTERED ADDRESS.

CUSTOMER ACKNOWLEDGES THAT INTERNET-BASED SERVICES PROVIDED BY GRANITE MAY NOT SUPPORT BASIC 911 OR E911 DIALING IN THE SAME MANNER AS TRADITIONAL WIRELINE PHONE SERVICE. CUSTOMER AGREES TO INFORM THIRD PARTIES OF THE POTENTIAL COMPLICATIONS ARISING FROM BASIC 911 OR E911 DIALING. SPECIFICALLY, CUSTOMER ACKNOWLEDGES AND AGREES TO INFORM ALL EMPLOYEES, GUESTS, AND OTHER THIRD PERSONS WHO MAY USE SUCH INTERNET-BASED SERVICES THAT BASIC 911 AND E911 SERVICES WILL NOT FUNCTION IN THE CASE OF A SERVICE FAILURE FOR ANY OF THE FOLLOWING REASONS: (A) POWER FAILURES; (B) SUSPENDED OR TERMINATED INTERNET ACCESS SERVICE; (C) SUSPENSION OF SERVICES DUE TO BILLING ISSUES; AND/OR (D) ANY OTHER SERVICE OUTAGES NOT DESCRIBED HEREIN. CUSTOMER FURTHER ACKNOWLEDGES AND AGREES THAT FAILURE TO PROVIDE A CORRECT PHYSICAL ADDRESS IN THE REQUISITE FORMAT MAY CAUSE ALL BASIC 911 OR E911 CALLS TO BE ROUTED TO THE INCORRECT LOCAL EMERGENCY SERVICE PROVIDER. FURTHERMORE, CUSTOMER RECOGNIZES THAT USE OF SUCH INTERNET-BASED SERVICES FROM A LOCATION OTHER THAN THE LOCATION TO WHICH SUCH SERVICE WAS ORDERED, I.E., THE "REGISTERED ADDRESS," MAY RESULT IN BASIC 911 OR E911 CALLS BEING ROUTED TO THE INCORRECT LOCAL EMERGENCY SERVICE PROVIDER.

CUSTOMER IS REQUIRED TO REGISTER THE PHYSICAL LOCATION OF THEIR EQUIPMENT (I.E., IP PHONE, SOFTPHONE, DIGITAL TELEPHONE ADAPTER OR VIDEOPHONE, ETC.) WITH GRANITE AND AGREES TO UPDATE, AND PROVIDE PRIOR WRITTEN NOTICE TO, GRANITE OF THE LOCATION OF SUCH EQUIPMENT WHENEVER THE PHYSICAL LOCATION OF SERVICE FOR A PARTICULAR TELEPHONE NUMBER CHANGES.

TO THE EXTENT THAT GRANITE PROVIDES INTERNET-BASED SERVICES WHICH CUSTOMER UTILIZES FOR TRANSMISSION OF ALARM SYSTEM SIGNALS, CUSTOMER ACKNOWLEDGES THAT GRANITE IS NOT RESPONSIBLE FOR THE FUNCTIONALITY OF SUCH ALARM SYSTEMS AND SIGNALS. CUSTOMER UNDERSTANDS THAT INTERNET-BASED SERVICES ARE NOT INFALLIBLE. CUSTOMER SPECIFICALLY ACKNOWLEDGES THAT GRANITE DOES NOT REPRESENT OR WARRANT THAT THE TRANSMISSION OF ALARM SIGNALS WILL NOT BE INTERRUPTED, CIRCUMVENTED OR COMPROMISED. IF INTERNET BASED SERVICES ARE NOT OPERATIVE, NO ALARM SIGNALS CAN BE RECEIVED BY THE MONITORING STATION. CUSTOMER UNDERSTANDS THAT INTERNET-BASED SERVICES MAY BE IMPAIRED OR INTERRUPTED BY ATMOSPHERIC CONDITIONS, INCLUDING ELECTRICAL STORMS, POWER FAILURES OR OTHER CONDITIONS AND EVENTS BEYOND GRANITE'S CONTROL. THE USE OF INTERNET-BASED SERVICES MAY PREVENT FROM THE TRANSMISSION OF ALARM SIGNALS AT ANY TIME, AND/OR INTERFERE WITH THE TELEPHONE LINE-SEIZURE FEATURES OF CUSTOMER'S ALARM SYSTEM. IN THE EVENT CUSTOMER ELECTS TO USE INTERNET-BASED SERVICES FOR ALARM LINES; CUSTOMER IS RESPONSIBLE FOR HAVING THESE SERVICES TESTED BY AN AUTHORIZED ALARM INSPECTION COMPANY TO ENSURE SIGNAL TRANSMISSION FEATURES ARE OPERATIONAL. THESE FEATURES INCLUDE BUT ARE NOT LIMITED TO PROPER FUNCTIONING OF LINE SEIZURE AND THE SUCCESSFUL TRANSMISSION OF SIGNALS TO THE MONITORING STATION. CUSTOMER ACCEPTS FULL RESPONSIBILITY FOR ALARM SYSTEM COMPLIANCE WITH THE AUTHORITY HAVING JURISDICTION.

CUSTOMER ACKNOWLEDGES AND AGREES THAT CUSTOMER SHALL BEAR THE SOLE RESPONSIBILITY OF INFORMING THIRD-PARTIES OF POTENTIAL CALL RECORDING USING THE INTERNET-BASED SERVICES.

Initialed by Authorized Signer

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Appendix A

Services Selected

☐ Voice Services (POTs, Long Distance, Local and LD T1 and PRI) (See Note 1)
☐ Broadband Services
☐ MPLS and/or Dedicated Internet Access Services
☐ VoIP Services (Hosted PBX, SIP Trunking, SIP PRI, Hosted Voice, Voice over Cable, Virtual Auto Attendant and Virtual Voicemail Services)
☑ Mobility Services (Mobility Data and Mobility Voice)
☐ Granite Grid Services
☐ Conferencing Services (Audio Conferencing and Web Conferencing)
☐ Managed Services
☐ Monitoring Services
☐ Other Services (List): _____

Note 1 : Unless otherwise noted herein, in addition to these rates and charges set forth in this LOA (a) certain other rates and charges may apply, as provided for by tariff, the FCC or other governmental entity, or other regulation or requirements and (b) Customer will pay to Granite all applicable taxes (including sales, use and excise taxes). In the event that Customer elects additional services, additional fees may apply. Customer acknowledges that it will be charged in accordance with the rates and plans listed on Appendix A-1, attached hereto and incorporated herein, plus any and all additional charges as may be set forth in the Terms of Service.

Note 2 : See quote and other documents attached hereto as Appendix A-1 for specific details related to Services ordered.

Appendix A-1

Service Locations and Specifics
(Insert Service Locations, quantities, and the Quote)

	LOCATION	WTN	TABLEID	PLATFORM	ADD DATE	END DATE	CONTRACT START DATE	CONTRACT END DATE	CONTRACT TERM	DAYS REMAINING	AVERAGE MRC	SERVICE ETF	NRC	EQUIP EST	ETF ESTIMATION
1	Commissioners- 50 W. 5th St	SIM: 89148000004741402088/TN: 7756250439	675250	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
2	Commissioners- 50 W. 5th St	SIM: 89148000006860762242/TN: 7756216200	675235	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
3	Commissioners- 50 W. 5th St	SIM: 89148000007535313718/TN: 7756216066	675223	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
4	Commissioners- 50 W. 5th St	SIM: 89148000007599364326/TN: 7754212287	710267	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
5	Commissioners- 50 W. 5th St	SIM: 89148000007599380835/TN: 7756216904	675230	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
	Subtotal Commissioners														**$1,067.00**
6	Comptroller Office- 50 W. 5th ST	SIM: 89148000006869954485/TN: 7756218217	710287	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
7	County Manager- 50 W. 5th ST	SIM: 89148000005976313155/TN: 7756218331	710284	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
8	County Manager- 50 W. 5th ST	SIM: 89148000006129375638/TN: 7756216554	710303	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
9	County Manager- 50 W. 5th ST	SIM: 89148000006869839850/TN: 7756216894	710306	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
10	County Manager- 50 W. 5th ST	SIM: 89148000006869954444/TN: 5293979177	725926	M2M/IoT - Data	2/19/2024	10/31/2024	2/19/2024	2/19/2026	24	476	$8.07	$129.00	$0.00	$0.00	$129.00
	Subtotal County Manager														**$495.00**
11	District Attorney- 501 S. Bridge St	SIM: 89148000005976313650/TN: 7756257177	675198	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$41.41	$566.00	$0.00	$0.00	$566.00
12	District Attorney- 501 S. Bridge St	SIM: 89148000005976313668/TN: 7756257684	675257	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
13	District Attorney- 501 S. Bridge St	SIM: 89148000005976314104/TN: 7756257451	675240	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
14	District Attorney- 501 S. Bridge St	SIM: 89148000005976314146/TN: 7756257638	675267	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
15	District Attorney- 501 S. Bridge St	SIM: 89148000005976314633/TN: 7756257685	675251	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
16	District Attorney- 501 S. Bridge St	SIM: 89148000005976315077/TN: 7756250534	675242	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
17	District Attorney- 501 S. Bridge St	SIM: 89148000006708082027/TN: 7756218372	675247	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
	Subtotal District Attorney														**$1,232.00**
18	Emergency Management- 33 W. Fourth St	SIM: 89148000006864168222/TN: 7756218612	675202	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$41.41	$566.00	$0.00	$0.00	$566.00
19	Human Resources- 50 W. 5th ST	SIM: 89148000005200905065/TN: 7756216425	712594	M2M/IoT - Data	1/26/2024	10/31/2024	1/26/2024	1/26/2026	24	452	$8.07	$122.00	$0.00	$0.00	$122.00
20	Human Services- 26 E. Haskell St, Ste C	SIM: 89148000008229283738/TN: 7753045260	723900	M2M/IoT - Data	2/14/2024	10/31/2024	2/14/2024	2/14/2026	24	471	$8.07	$127.00	$0.00	$0.00	$127.00
21	Justice Court- 50 W. 5th ST	SIM: 89148000006280804178/TN: 7756218386	710279	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
22	Justice Court- 50 W. 5th ST	SIM: 89148000006280840750/TN: 7756218405	710290	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
23	Justice Court- 50 W. 5th ST	SIM: 89148000006280840768/TN: 7756218411	710288	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
24	Justice Court- 50 W. 5th ST	SIM: 89148000006280841386/TN: 7756218478	710282	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
25	Justice Court- 50 W. 5th ST	SIM: 89148000006528115577/TN: 7756218737	710276	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
26	Justice Court- 50 W. 5th ST	SIM: 89148000006528115585/TN: 7756218719	710283	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
27	Justice Court- 50 W. 5th ST	SIM: 89148000008200023145/TN: 7756216437	710302	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
	Subtotal Justice Court														**$1,355.00**
28	Juvenile Services- 737 Fairgrounds Rd	SIM: 89148000008229268382/TN: 7756218868	675243	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
29	No Cost Center- 795 Fairgrounds Rd	SIM: 89148000001277376272/TN: 7754216000	710299	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
30	No Cost Center- 795 Fairgrounds Rd	SIM: 89148000002637197812/TN: 7752178197	710301	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
31	No Cost Center- 795 Fairgrounds Rd	SIM: 89148000002637197838/TN: 7753046679	710292	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
32	No Cost Center- 795 Fairgrounds Rd	SIM: 89148000002637197846/TN: 7753045887	710314	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
33	No Cost Center- 795 Fairgrounds Rd	SIM: 89148000004741401437/TN: 7754211444	710294	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
34	No Cost Center- 795 Fairgrounds Rd	SIM: 89148000004741402104/TN: 7753041320	710298	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
35	No Cost Center- 795 Fairgrounds Rd	SIM: 89148000004741402146/TN: 7754210366	710307	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
36	No Cost Center- 795 Fairgrounds Rd	SIM: 89148000005856067111/TN: 7756218555	710318	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
37	No Cost Center- 795 Fairgrounds Rd	SIM: 89148000005976314088/TN: 7756218572	710275	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
	Subtotal No Cost Center														**$1,599.00**
38	Public Works- 3340 Bengochea Cir	SIM: 89148000006421488980/TN: 7756216908	675246	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$8.07	$111.00	$0.00	$0.00	$111.00
39	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000004741401445/TN: 7756216877	710272	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
40	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000004741402070/TN: 7756216898	710278	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
41	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000004741402112/TN: 7756218138	710271	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
42	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000004741402120/TN: 7756218142	710304	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
43	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000006056744400/TN: 7756216722	710285	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
44	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000006056744418/TN: 7756216949	710270	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
45	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007535313668/TN: 7756216256	710311	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
46	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007535313676/TN: 7756218415	710312	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
47	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007535313684/TN: 7756218352	710269	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
48	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007535313700/TN: 7756218429	710281	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
49	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628045920/TN: 7756218195	710273	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
50	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628045938/TN: 7756218699	710300	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
51	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628045946/TN: 7756218634	710277	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
52	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628045953/TN: 7756218645	710274	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
53	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628045961/TN: 7756218510	710266	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
54	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628046118/TN: 7756218698	710291	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
55	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628046126/TN: 7756218354	710265	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
56	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628046134/TN: 7756218486	710293	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
57	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628046217/TN: 7756218595	710268	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
58	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628046225/TN: 7756218635	710264	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$41.41	$623.00	$0.00	$0.00	$623.00
59	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628046233/TN: 7756218328	710280	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
60	Sheriff's MDT- 50 W. 5th ST	SIM: 89148000007628046241/TN: 7756218537	710313	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
	Subtotal Sheriff's MDTs														**$7,694.00**
61	SO Dentention- 801 Fairgrounds Road	SIM: 89148000006056744442/TN: 7756218036	675199	M2M/IoT - Data	12/15/2023	10/31/2024	12/15/2023	12/15/2025	24	410	$41.41	$566.00	$0.00	$0.00	$566.00

62	SO NDI Task Force- 50 W. 5th ST	SIM: 89148000006582784938/TN: 7756216112	710310	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
63	SO Office Laptops- 50 W. 5th ST	SIM: 89148000002678321966/TN: 7752133554	710289	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
64	SO Office Laptops- 50 W. 5th ST	SIM: 89148000004459107556/TN: 7756257282	710305	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
65	SO Office Laptops- 50 W. 5th ST	SIM: 89148000004741402062/TN: 7754552053	710309	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
66	SO Office Laptops- 50 W. 5th ST	SIM: 89148000004741402096/TN: 7754210697	710317	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
67	SO Office Laptops- 50 W. 5th ST	SIM: 89148000005856018361/TN: 7753048958	710316	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
	Subtotal SO Office Laptops														**$610.00**
68	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000005856018320/TN: 7753046503	741055	M2M/IoT - Data	3/20/2024	10/31/2024	3/20/2024	3/20/2026	24	505	$8.07	$136.00	$0.00	$0.00	$136.00
69	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000005856018338/TN: 7753049104	741053	M2M/IoT - Data	3/20/2024	10/31/2024	3/20/2024	3/20/2026	24	505	$8.07	$136.00	$0.00	$0.00	$136.00
70	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000006129374383/TN: 7756216604	710296	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
71	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000006528157843/TN: 7756250509	710297	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
72	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000006869827442/TN: 7756216393	710308	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
73	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000007146421181/TN: 7756216155	710286	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
74	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000007535313650/TN: 7754212891	710295	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
75	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000007535313692/TN: 7754211398	710315	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$8.07	$122.00	$0.00	$0.00	$122.00
76	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000007599363401/TN: 7756218887	741054	M2M/IoT - Data	3/20/2024	10/31/2024	3/20/2024	3/20/2026	24	505	$8.07	$136.00	$0.00	$0.00	$136.00
77	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000007989376799/TN: 7756218001	741052	M2M/IoT - Data	3/20/2024	10/31/2024	3/20/2024	3/20/2026	24	505	$8.07	$136.00	$0.00	$0.00	$136.00
78	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000009545940761/TN: 7754210654	710319	M2M/IoT - Data	1/25/2024	10/31/2024	1/25/2024	1/25/2026	24	451	$51.41	$773.00	$0.00	$0.00	$773.00
79	TSD Staff Laptops- 795 Fairgrounds Rd	SIM: 89148000009545940928/TN: 7752941553	705623	M2M/IoT - Data	1/12/2024	10/31/2024	1/12/2024	1/12/2026	24	438	$51.41	$751.00	$0.00	$0.00	$751.00
	Subtotal TSD Staff Laptops														**$2,800.00**
80	TSD Staff Phones- 795 Fairgrounds Rd	SIM: 89148000007744785292/TN: 7753046063	701672	Cellular - Voice	1/8/2024	10/31/2024	1/8/2024	1/8/2026	24	434	$53.50	$774.00	$0.00	$0.00	$774.00
81	TSD Staff Phones- 795 Fairgrounds Rd	SIM: 89148000007744785326/TN: 7756250013	701670	Cellular - Voice	1/8/2024	10/31/2024	1/8/2024	1/8/2026	24	434	$53.50	$774.00	$0.00	$0.00	$774.00
82	TSD Staff Phones- 795 Fairgrounds Rd	SIM: 89148000009837291444/TN: 7753040612	739634	Cellular - Voice	3/18/2024	10/31/2024	3/18/2024	3/18/2026	24	503	$53.50	$898.00	$0.00	$0.00	$898.00
83	TSD Staff Phones- 795 Fairgrounds Rd	SIM: 89148000009837300203/TN: 7754274869	715909	Cellular - Voice	1/30/2024	10/31/2024	1/30/2024	1/30/2026	24	456	$38.50	$586.00	$0.00	$0.00	$586.00
	Subtotal TSD Staff Phones														**$3,032.00**
														Grant Total	**$21,731.00**

One-Time Equipment, Smartphone Activation Credit, & Mobile Broadband/Tablet Activation Credit Offer

Verizon Wireless is pleased to introduce this one-time Offer to
Humboldt County ("Customer").

Availability

Eligible Subscriber Lines: Customer's newly activated Government Subscriber Lines qualify to receive this offer in accordance with the **Offer** and **Purchase Requirements** below**.** This Offer must be accepted and completed by **December 31, 2024** or it will expire ("Promo Period").

One-Time Equipment Offer

Purchase Requirements: Offer is contingent on Customer activating a minimum of four (4) Eligible Government Subscriber lines on an "Eligible Device" contained in this agreement, selecting a twenty-four (24) month line term, on plans with a monthly access fee of $39.99 or higher, within the Promo Period**.**

"Eligible Device":

- **Apple iPhone 15 128GB - (Any Color)** at a cost of $0.00, while supplies last.

Limit one (1) Eligible Device per Eligible Government Subscriber Line.

Please Note: All Eligible Devices purchased under this offer must be activated during the Promo Period of this Agreement to receive pricing outlined in this Offer. Any equipment purchased under this Offer before or after the Promo Period will not count toward Customer's Offer Requirements and will be ineligible for this pricing. **No exceptions**.

OTS

Smartphone Activation Credit Offer

Provided Customer activates a minimum of four (4) Eligible Government Subscriber lines on an "Eligible Device" contained in this agreement, selecting a twenty-four (24) month line term, on plans with a monthly access fee of $39.99 or higher, within the Promo Period, Verizon Wireless will provide Customer with a one-time $100.00 Smartphone Activation Credit to each Eligible Government Subscriber line. The credit will be applied to Customer's invoice within sixty (60) days following the conclusion of the "Promo Period, and will appear as "Other Charges and Credits." **Please Note:** Any Eligible Government Subscriber line taking advantage of the one-time $100.00 Smartphone Activation Credit Offer that is deactivated or changed to an ineligible rate plan during the "Promo Period" will not be eligible to receive the credit offer. **No exceptions.**

Mobile Broadband/Tablet Activation Credit Offer

Provided Customer activates a minimum of fifty (50) Eligible Government Subscriber lines on Mobile Broadband or Tablet device, selecting a twenty-four (24) month line term, on plans with a monthly access fee of $39.99 or higher, within the Promo Period, Verizon Wireless will provide Customer with a one-time $240.00 Mobile Broadband/Tablet Activation Credit to each Eligible Government Subscriber line. The credit will be applied to Customer's invoice within sixty (60) days following the conclusion of the "Promo Period, and will appear as "Other Charges and Credits." **Please Note:** Any Eligible Government Subscriber line taking advantage of the one-time $240.00 Mobile Broadband/Tablet Activation Credit Offer that is deactivated or changed to an ineligible rate plan during the "Promo Period" will not be eligible to receive the credit offer. **No exceptions.**

Offer Recovery

The eligible device contained in this agreement is being offered at a discounted price for new activations while supplies last. If the Customer disconnects a discounted device from the network at any time during the first twenty-four (24) months after the device is activated, Verizon Wireless will charge the Customer an Offer Recovery Fee for each disconnected device. **The Offer recovery Fee is calculated as the difference between the:**

- $729.99 full retail price of the Apple iPhone 15 128GB eligible device at time of purchase and the discounted equipment price paid by the Customer of $0.00, less $30.42 for each month the eligible device was active and billing on the line of service.

Terms and Conditions

This Offer is subject to availability and is not subject to any substitutions. This Offer **cannot** be combined with any other generally available equipment or accessory offers, credits, discount programs, or promotions. This offer is not available for entities requesting or receiving E-Rate funding. Equipment discount incentives, credits, and or plans extended to Humboldt County expressly exclude business from E-Rate participating customers. This offer is being extended to Humboldt County under the NASPO ValuePoint Master #152 Contract. Please indicate acceptance of this offer, and acknowledgement that Humboldt County is not currently receiving, and has no future plans to receive any E-Rate funding by signing and returning the acknowledgement at the bottom of this letter. This Offer is subject to the terms and conditions of the **NASPO ValuePoint Master #152** Contract.

Customer Acknowledgement:

I acknowledge that I have received the attached limited time equipment and subsidy Offer and that I agree to the terms and conditions set forth.

Eligible Customer/Company Name: **Humboldt County** Profile IDs: **3532222, 4558927, 3240844, 5486615**

Customer Print Name/Title:

Customer Signature:
Effective Date:

Data furnished in this document shall not be duplicated, used, or disclosed in whole or in part for any purpose other than to evaluate the document.

HUMBOLDT COUNTY

50 W. 5th Street
Winnemucca, Nevada 89445
www.humboldtcountynv.gov

STAFF AGENDA REQUEST

DATE: October 29, 2024

TO: County Commission

FROM: Mike DeTullio, Director of Technology Services

SUBJECT: Approval to Purchase Microwave Equipment and Installation, from Aviat Networks, for the McDermitt, Double H and Eagle Creek Public Safety Communication Sites' Radio Systems

REQUESTED AGENDA DATE: November 18, 2024

SUMMARY AND BACKGROUND:

The Technology Services Department is requesting approval to purchase microwave equipment and installation, from Aviat Networks, for the McDermitt, Double H and Eagle Creek Public Safety Communication Sites' Radio Systems, in an amount not to exceed $598,740.00.

The Technology Services Department is responsible for designing, constructing and maintaining Public Safety Communication Sites throughout Humboldt County. Technology Services has been upgrading and/or newly constructing all of the public safety communication sites in Humboldt County. This project has been broken down into three phases. Phase I of this project was completed in November 2020 which consisted of a major upgrade to the Winnemucca Mountain site together with constructing brand new communication sites at Sports Complex and Rose Creek here in Winnemucca. Phase II was to consists of upgrading the following sites: Denio Summit, Eagle Creek, Double H, McDermitt and Saipan Peak. However, due to many factors, the Denio Summit and Saipan Peak sites have been pushed out for completion during the Phase III of this project. Although a large portion of the physical upgrades and replacements of buildings and towers will be time consuming and completed in phases as time progresses, the Tait Radios and associated equipment has already been purchased and installed, significantly increasing the poor radio coverage for public safety entities that existed in the northern portion of Humboldt County. Activating the Bravo channel allowed communications to continue while upgrading the Phase II high level sites Trident, Blue Mtn, Buckskin, New York Peak in the spring of 2022, with the new channels and associated equipment only. This purchase would allow the Technology Services Department to purchase and install the microwave equipment needed to complete and bring online the newly constructed McDermitt site in addition to having the remaining microwave equipment purchased and ready to install once the Double H and Eagle Creek site constructions are complete.

This proposed purchase did not go through the competitive bid process, it is exempt per NRS 332.115 (1) (s), Contracts which by their nature are not adapted to award by a competitive solicitation, including contracts for the design of, and equipment and services associated with, systems of communication, are not subject to the requirements of this chapter for a competitive solicitation, as determined by the

governing body or its authorized representative. However, it should be noted that two (2) quotes were obtained for this equipment, one directly from the manufacturer, and one from a regional re-seller, and the manufacturer submitted the lower quote which we are recommending be approved herein.

WHY ARE YOU BRINGING THIS BEFORE THE BOARD NOW:
For approval to purchase microwave equipment and installation, from Aviat Networks, for the McDermitt, Double H and Eagle Creek Public Safety Communication Sites' Radio Systems, in an amount not to exceed $598,740.00.

PREVIOUS ACTION:
None

HAS DISTRICT ATTORNEY REVIEWED AGREEMENT/CONTRACT IF APPLICABLE:
There is not an agreement/contract as such but a proposed Statement of Work, that can be submitted to the District Attorney's Office for review if requested. This Statement of Work does require a signature of approval by Humboldt County.

FISCAL IMPACT IF APPLICABLE:
The fiscal impact of approving this request would be an expenditure from the approved fiscal year 2024-2025 Capital Project Funds, in an amount not to exceed $598,740.00.

RECOMMENDATION:
It is recommended that the purchase of microwave equipment and installation, from Aviat Networks, for the McDermitt, Double H and Eagle Creek Public Safety Communication Sites' Radio Systems, in an amount not to exceed $598,740.00, be approved by the Commissioners.

LIST SUPPORTING DOCUMENTS IF APPLICABLE:
Proposal from Aviat Networks and Quote from Premier Wireless Services

POSSIBLE MOTION:
Motion to approve the purchase of microwave equipment and installation, from Aviat Networks, for the McDermitt, Double H and Eagle Creek Public Safety Communication Sites' Radio Systems, in an amount not to exceed $598,740.00.

PROPOSAL FOR
Humboldt County, NV

Three Links Microwave Equipment & Services

Proposal Presented by:



200 Parker Dr, Ste C100A
Austin, TX 78728
(512) 265-3680
www.aviatnetworks.com

Aviat Networks Proposal Number: NA231130-58437

TERRITORY MANAGER

Ali Hirsa
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Mauricio.Martinez@Aviatnet.com

AVIAT NETWORKS
200 Parker Drive, Suite C100A
Austin, TX 78728
Phone: (408) 941-7100
Fax: (408) 941-7110
www.aviatnetworks.com

June 18, 2024

Humboldt County
50 W 5th Street
Winnemucca, NV 89445

RE: Three Links Microwave Equipment & Services

To Whom It May Concern:

Aviat U.S., Inc. ("Aviat Networks") is pleased to submit a proposal to the County of Humboldt, NV in response to your request for three links of microwave equipment and services.

As part of our submission to Humboldt County, we are providing a technically compliant design package along with supporting documentation and a detailed price sheet. The pricing provided in our submission is valid for 90 days.

Aviat Networks is sincerely committed to a partnership with Humboldt County. Aviat is well positioned in the market and with local presence to support and develop a long-term and mutually gainful relationship. We look forward to working with Humboldt County to meet its commitments to its wireless communications microwave radio system.

Should there be any questions, please contact me at 650-868-3994 or via email at Ali.Hirsa@Aviatnet.com.

Thank you so much for the opportunity to partner with you and your organization.

Sincerely,

Ali Hirsa
Territory Sales Manager (West)

Proposal for

County of Humboldt, NV

Three Links IRU600

Aviat NA#231130-58437

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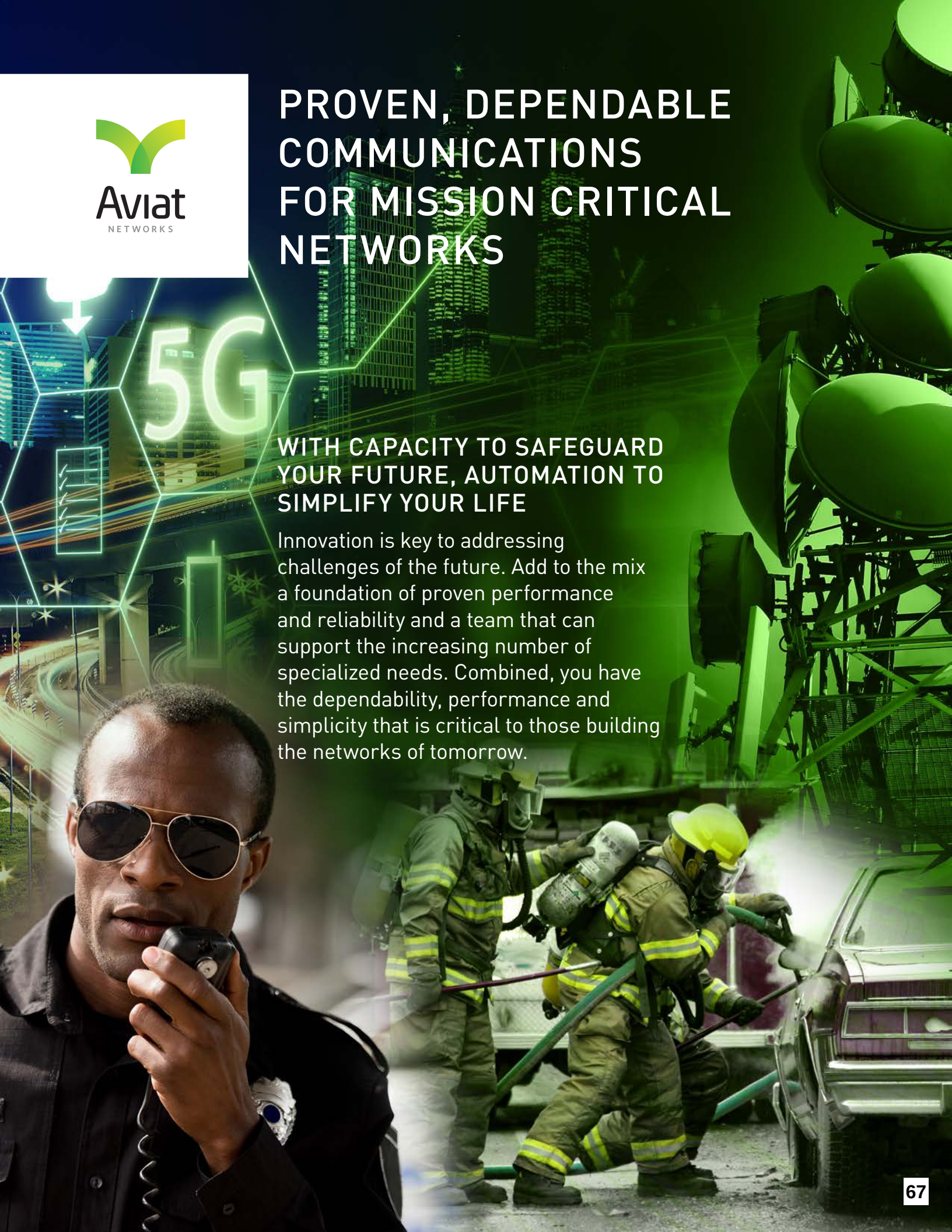

Aviat
NETWORKS
PROVEN, DEPENDABLE COMMUNICATIONS FOR MISSION CRITICAL NETWORKS
5G
WITH CAPACITY TO SAFEGUARD YOUR FUTURE, AUTOMATION TO SIMPLIFY YOUR LIFE
Innovation is key to addressing challenges of the future. Add to the mix a foundation of proven performance and reliability and a team that can support the increasing number of specialized needs. Combined, you have the dependability, performance and simplicity that is critical to those building the networks of tomorrow.

NEW SERVICES SHIFT TOWARD IP/MPLS—DEPENDABLE

Moving forward, mobile networks must support mission critical business objectives that are far beyond basic mobile connectivity. Additionally, new services such as enterprise services, VPNs and mobile commerce services place growing demands on network capacity, security and reliability. The future demands mobile network infrastructure flexible enough to deliver these new services. As a result, IP/MPLS is rapidly extending from the mobile core into the mobile access and the cell site. The network level reliability introduced with IP/MPLS gives the operator flexibility to support new, scalable, highly DEPENDABLE services and deal with the pending mobile network densification.

THE BEST NETWORK WINS – PERFORMANCE

The most important network KPIs (key performance indicators) include network uptime, capacity, and latency. High capacity, low latency, and highly reliable and integrated backhaul networks will give operators a competitive advantage in their ability to roll out new features and services and maximize end user experience.

In the coming years, backhaul operators need to improve response times to network events including service provisioning, synchronization, failure detection, and recovery as well as network optimization activities. With all-IP, backhaul is no longer a dumb pipe and must become integrated with other network elements for the best network performance.

OPERATIONS BECOMING THE CENTRAL FOCUS FOR LOWER TCO—SIMPLE

Based on emerging concepts such as SON and SDN, clearly the market has now focused on operations and simplification of network management. On average, mobile operators spend three times more on OPEX than CAPEX. What's more, 25 percent of OPEX budgets support network operations. For example, MTN recently announced that spending on "direct network operating costs" grew 24 percent in 2013. In contrast, the importance of hardware has shrunk because of difficult upgrades and hard-to-add features.

The future demands a rush toward solutions that simplify OPEX—solutions based on software. Need to grow capacity? Need to add features? Need to monitor and maintain your network? Software delivers the answers. Visualize your network built on software as programmable as your iPhone?

HARDWARE IS IMPORTANT BUT SOFTWARE USABILITY, THE DEVELOPER ECOSYSTEM AND PROGRAMMABILITY OF THE DEVICE ARE WHAT WILL REDUCE YOUR COSTS AND MAKE YOUR LIFE SIMPLER.



THE AVIAT ADVANTAGE

MISSION CRITICAL 5G TRANSPORT

Many recent high-profile mobile network outages have resulted in transport network problems – mostly issues related to fiber. Aviat has the products and people to make the transition to mission critical 5G networks a reality. Let us apply our highly reliable products, and our mission critical know-how to ensure mobile networks support the reliability and service quality required for critical 5G services.

5G REQUIRES MORE RELIABILITY, BETTER NETWORKS

5G is all about use cases which promise to be new revenue streams for the operator and are critical for ongoing business and financial success. Many of these use cases deal with critical applications (connected/autonomous cars, industrial IOT, M2M, public safety applications, etc) which require a new level of reliability from the mobile networks. Mobile networks need to be considered critical infrastructure to support these 5G applications and they need to be much more reliable than they are today if we want 5G to be successful.





NETWORK UPTIME CANNOT BE OVERLOOKED

According to Infonetics, the number one criteria for selecting microwave vendors for the past two years has been product reliability. Service downtime and dropped calls are also the most critical factor for subscriber churn. Network uptime has and will continue to be perhaps the most critical aspect of network performance.

THE IMPORTANCE OF CAPACITY AND LATENCY

Capacity has always been and will continue to be a key consideration for backhaul networks. Ensuring that the backhaul network is futureproof from a capacity standpoint, LTE and LTE-A are essential to support coming releases. In addition, latency is one of the most important and often overlooked metrics for network performance. Similar to coverage and peak capacity, latency is rapidly becoming a competitive differentiator for operators. This depends on factors such as user application, RAN and backhaul technology, IP implementation and network topology. In an IP network, latency has a large effect on user experience.

Real time services such as mobile gaming and video streaming drive more stringent backhaul latency requirements and will require the lowest latency for optimal user experience. New LTE features will demand very strict latency performance from the transport network.

NEW SERVICE ENABLEMENT IS KEY

Operators are in the business of making money. The ability to turn up new services fast from existing network equipment will be a critical aspect of the future mobile backhaul network. Enterprise services, for example, represent a significant opportunity for mobile operators to grow their revenue beyond the traditional consumer base, increasing their ARPU by utilizing their presence, brand, network assets and organizational infrastructure they already have in place. Transport solutions that enable new services to be deployed more simply will be critical to network evolution.

SECURITY THREATS WILL DRIVE NEW REQUIREMENTS

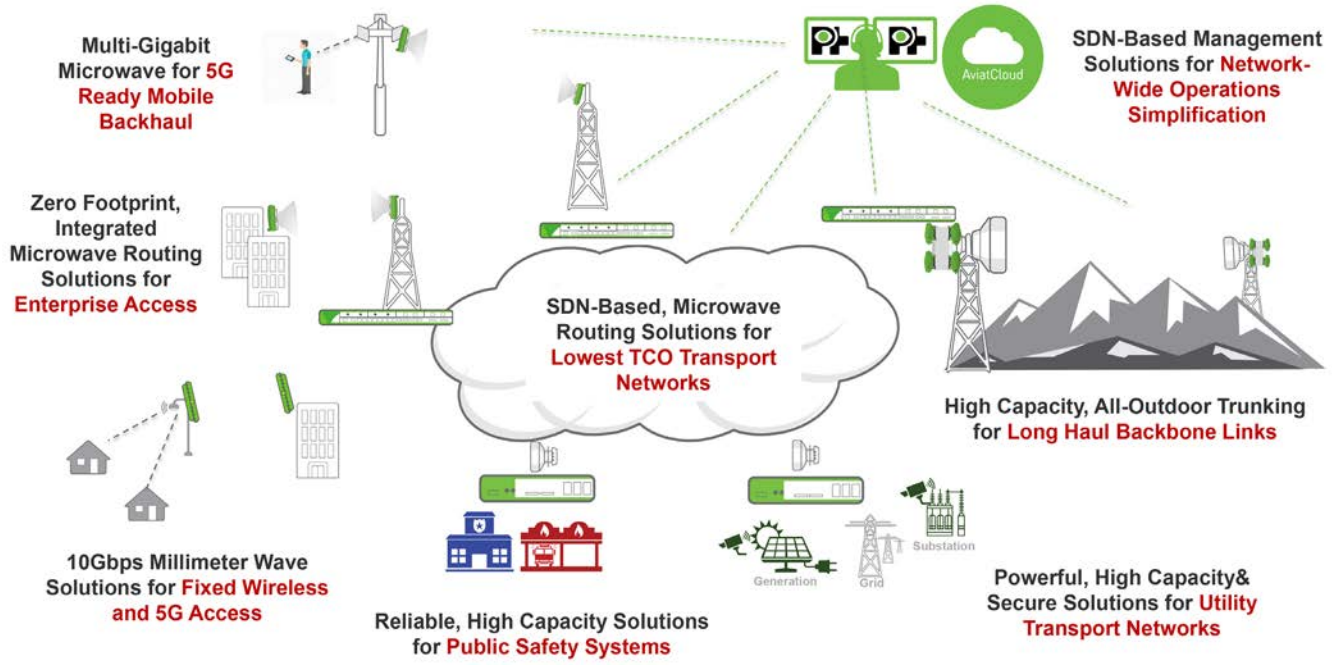
With broadband communication everywhere, mobile backhaul security has never been more important. Security incidents can result in severe consequences for mobile operators including subscriber churn. The potential negative publicity could turn profits into losses. According to Opinion Matters, 75 percent of smartphone users would change mobile providers if a security breach occurred.

Security risks expose all operators to potentially significant network and user damages. If networks include wireless links, standardized network security protocols such as FIPS 140-2 Level 2 and FIPS 197 are mandatory.

THE AVIAT ADVANTAGE

HIGH CAPACITY NETWORKS

Your network needs to be prepared for the future. Aviat's full portfolio of high-performance radios enables network operators to build high capacity networks and protect themselves and their networks from future uncertainty.



BY YOUR SIDE SERVICES AND SUPPORT

Further simplifying operations are Aviat's service and support capabilities. Aviat Networks' portfolio of services can help you get the most from your infrastructure investment. At Aviat Networks we have been entrusted with planning, building, supporting and enhancing more microwave networks than any other company. This fact sets Aviat Networks apart from the rest of the industry.

Our Services portfolio includes state-of-the-art expertise in engineering and design, network deployment and implementation, and integration, testing and commissioning. We continue to support the performance of your unit and network after deployment with equipment support, training, and Network Managed Services.

With our global footprint of full time resources and key partners we have the capability to bring a complete transmission solution to our customers wherever the need arises. Our Global Field Support and Global Support Services organizations have been delivering multi-vendor, multi-protocol network solutions for nearly 50 years, led by our best-in-class global resources and strong local expertise.



THE AVIAT ADVANTAGE

DEPENDABLE PERFORMANCE MADE SIMPLE

To address the future network demands, Aviat has developed a portfolio of products uniquely designed to enable network operators to build the lowest total cost of ownership (TCO), highest performing networks. Aviat's portfolio of hardware and software products and services enables the future IP/MPLS transport networks to be massively scalable, more secure and high performance.

DEPENDABLE SWITCHES AND ROUTERS

Enabling operators to prepare for the all-IP future, the Eclipse™ Packet Node Intelligent Node Unit incorporates a carrier-grade Ethernet switch. This highly modular and scalable indoor unit delivers a unique combination of high capacity hybrid or all-packet transport and Carrier Ethernet/IP networking, enabling operators to prepare for the all-IP future.

Taking a technological leap forward, Aviat's CTR transport routers combine the industry's most powerful microwave platform with a full-featured router. Take advantage of the power of microwave transport, Layer 2 Carrier Ethernet and Layer 3 IP/MPLS routing—all in one box.

Aviat's transport routers are the industry's most compact multi-service and multi-layer hubs. They support any transport interface—copper, fiber, or wireless—for small cell, Wi-Fi, CRAN architectures and 2G/3G/LTE macrocells, along with range of IP/MPLS based enterprise services.

For example, both CTR 8540 and CTR 8740 have higher GE port density and more radio ports per rack unit than any other microwave platform. These are the only microwave platforms with Power over Ethernet (PoE) and IF/Coax interfaces that support all radio units. It is the most powerful microwave product on the market. And it's a router!

Aviat's transport routers enable new highly reliable IP-based services right from your existing transport infrastructure. So you'll have fewer boxes to buy, deploy and maintain, which means less overhead and easier management. With the network level redundancy and failover capabilities enabled by IP/MPLS, your network will be more dependable than every before.






	CTR 8300	CTR 8540	CTR 8740	ECLIPSE
DESCRIPTION	Ultra-Compact Microwave Switch	Access Microwave Router	Aggregation Transport Router	Hybrid TDM+Carrier Ethernet Microwave Switch
GENERAL SERVICES	Pseudowire, Carrier Ethernet, Ethernet OAM	Pseudowire, Carrier Ethernet, Ethernet OAM	Carrier Ethernet, Ethernet OAM	Native E1/T1, STM1/OC3, Carrier Ethernet, Ethernet OAM
L3 SERVICES	IP/MPLS: IPv4/IPv6, VPLS, LDP, RSVP-TE, RIP/OSPF/BGP	IP/MPLS: IPv4/IPv6, VPLS, LDP, RSVP-TE, RIP/OSPF/BGP	IP/MPLS: IPv4/IPv6, VPLS, LDP, RSVP-TE, RIP/OSPF/BGP	None
TIMING	SynchE, IEEE 1588v2	SynchE, IEEE 1588v2 Stratum-3	SynchE, 1588v2 TC/BC	SynchE, 1588v2
PORT DENSITY	4x GigE 16x E1/T1	12x GigE 16x E1/T1, 4xSTM1	4 x GigE RJ-45, 8x GigE SFP, 3x 10GigE SFP+ front panel ports & 4x modular plug-in slots	Up to 80xE1/T1, 5x GigE
SWITCHING FABRIC	5 Gbit/s	10 Gbit/s	68 Gbit/s	5 Gbit/s
RADIO FEATURES	Radio networking: 2-way nodal IF, 1+0/1+1/2+0 XPIC, SD and FD; L1LA, 1024QAM ACM	Radio networking: 8-way nodal IF, 1+0/1+1/2+0 XPIC, SD and FD; L1LA, 1024QAM ACM	Radio networking: 8-way nodal IF, 1+0/1+1/2+0 XPIC, SD and FD; L1LA, 4096QAM ACM	Radio networking: 6-way nodal IF, 1+0/1+1/2+0 XPIC, SD and FD; L1LA, 256QAM ACM
MECHANICAL	1RU, ½ rack width	1RU, 4 module slots, PoE	1RU, 4 module slots	1 and 2RU options
APPLICATIONS	Access/Network Edge	Access, Pre-Aggregation, Aggregation	Access, Nodal, Pre-Aggregation, Aggregation	Access, Pre-Aggregation, Aggregation



HIGH PERFORMANCE, EXTREMELY RELIABLE RADIOS

Aviat's portfolio of compact, highly reliable microwave and millimeter wave radios meets all your diverse mounting, capacity and protection requirements. Aviat radios deliver exceptional RF performance across multiple frequency bands supporting advanced features such as ACM, XPIC and header compression. Our units are smaller for easier deployment, simpler to install and operate, and smarter for your network with the right features for Tx power, IP transport and reliability when you need it.

IRU 600 all-indoor radio offers mission critical performance with extra high power and high capacity (wide channels and 4096QAM) with field proven reliability.

WTM 4000 is Aviat's all-outdoor IP-SDN radio with ultra-high capacity, unique adaptive dual carrier (A2C) option and integrated SDN capabilities.

STR 4500 is Aviat's new trunking radio, enabling zero-footprint trunking solutions with wide channels (112MHz) and high modulation (4096QAM) for superior capacity. Aviat's radio solutions lower cost and maximize network performance.

WTM 4800 is a high capacity millimeter wave and multi-band radio that is designed to meet the data demands of 5G networks of the future. WTM 4800 supports 10Gbps and 20Gbps millimeter wave options as well as a unique single box multi-band solution combining 80GHz with a traditional microwave channel (15, 18, 23GHz, etc).

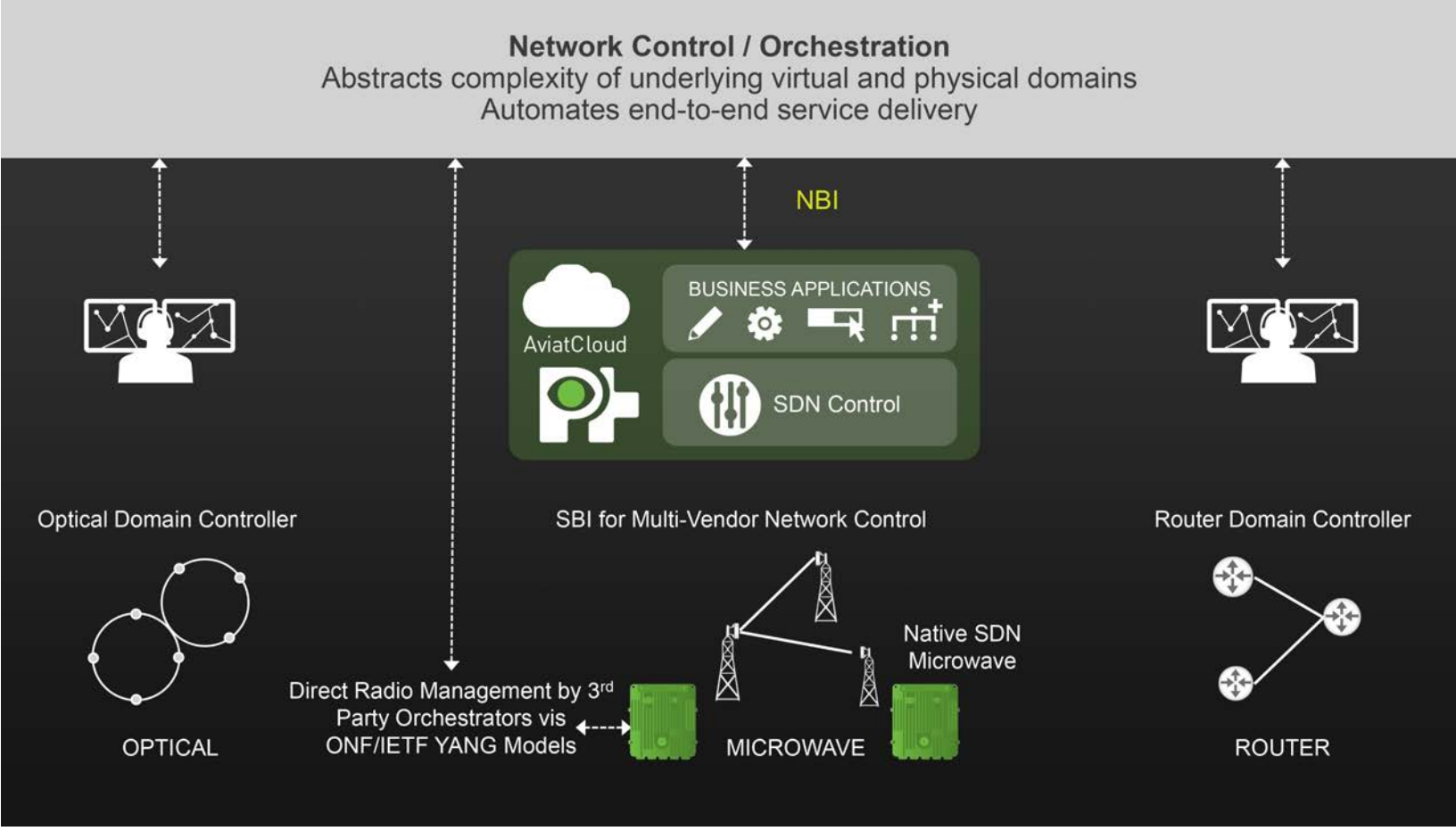
Aviat microwave networking solutions deliver Strong Security using standardized security protocols based on FIPS 140-2 Level 2 and FIPS 197. Implementing these two standards, management and payload transmission are encrypted over an Eclipse microwave radio link. Eclipse microwave radio security offers operators the added peace of mind that both the management and payload are secure across any microwave link.







	ODU 600	IRU 600	WTM 4000	STR 4500	WTM 4800
KEY FEATURES	High performance outdoor RF unit	All-indoor RF unit, Highest power, exceptional reliability	Ultra-High capacity Upgradeable to IP/MPLS and SDN	Ultra-high capacity all-outdoor or split-mount 'New Trunking' solution	Ultra-High capacity E-Band and Multi-Band platform. Upgradeable to IP/MPLS and SDN
ARCHITECTURE	Split-mount	All-indoor	All-outdoor	All-outdoor/Split-mount	Dual-Core, All-Outdoor or Split-Mount with CTR
MARKETS	ETSI/ANSI	ANSI	ETSI/ANSI	ETSI/ANSI	ETSI/ANSI
FREQUENCY RANGE	5-42 GHz (NTIA incl.)	5.8–11 GHz (NTIA incl.)	6–42 GHz (NTIA incl.)	5–11 GHz	80 GHz, 80+15/18/23 GHz
MODULATION	QPSK-4096QAM	QPSK-4096QAM	QPSK-4096QAM	QPSK-4096QAM	QPSK-256QAM
CHANNELS	7 – 80/112 MHz	10 - 80 MHz	7 – 112 MHz	7 – 80/112 MHz	250 - 2000 MHz
CAPACITY	1 Gbit/s (1+0)	3 Gbit/s (8+0)	2.5 Gbit/s	10 Gbit/s (8+0)	20 Gbit/s
APPLICATIONS	High power performance and reliability for mobile backhaul and broadband networks	Ultra-high power performance, mission critical reliability	Compact, cost effective high capacity macro-cellular backhaul and enterprise access	Long haul trunking applications where indoor space and power is not available or restricted	Ultra-high capacity urban and sub-urban connectivity for 5G Backhaul or Fronthaul and enterprise applications



THE AVIAT ADVANTAGE

SIMPLE OPERATIONS

SDN-ENABLED AUTOMATION SOLUTIONS FOR 5G NETWORKS

ProVision is a network management system that simplifies operations for network operators. A powerful combination of EMS/NMS, operations reduction features and analytics capabilities, ProVision enables backhaul networks to be simpler, smarter and more secure.

ProVision is incredibly SIMPLE because it allows you to manage your network from anywhere at any time, with full visibility across all layers from a single network map. It offers comprehensive FCAPS (Fault, Configuration, Accounting, Provisioning and Security) capabilities with integrated management of Aviat and many non-Aviat elements typically found in access and backhaul networks.

ProVision Plus is Aviat's next generation management and application platform, designed from the ground up to minimize the total cost of ownership and maximize the intelligence and flexibility of modern complex microwave networks. ProVision Plus is designed to be open and programmable to enable custom built applications to automate the microwave lifecycle. ProVision Plus is an easy to use web-based system accessed via modern web browsers such as Google Chrome and Microsoft Edge. No client application installation is required, minimizing deployment and support cost. Multiple server deployment options are available.

ProVision Plus is simple, powerful, open and programmable. It integrates into standard SDN frameworks for multi-vendor, multi-domain networks. Designed from the ground up to be YANG model driven, ProVision Plus includes RestConf NBI to enable access to all data models and includes a programmable applications environment to allow rapid creation of custom third-party party applications.

AviatCloud is Aviat's cloud-based platform for operations automation. AviatCloud contains applications such as design, manage, licensing, store to simplify all aspects of the microwave lifecycle.

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Aviat NETWORKS

Aviat Networks
American Microwave Communications Company

HQ

Austin, TX
Headquarters, manufacturing, Systems integration SIPQ, Technical Support TAC, Repair & Return, Network Operating Center NOC, and training

Presence in **15+** USA states

320
Employees in USA

+50%
Customer facing

Program/Project managers

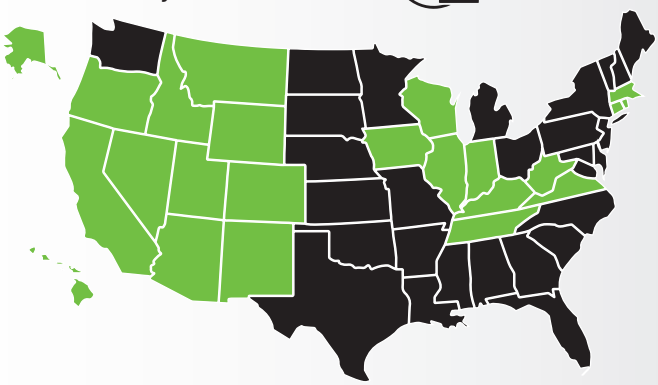
Network ingegrators

Sales engineers

Solution architects

Network design engineers

Aviat presence in statewide Public Safety Networks



USA customers running Aviat equipment

60%
(23 of 46) of statewide networks

50%
of the country's top utilities

200
city and country networks



Aviat current customer count in the USA

1100 and growing

Over **250,000** Aviat radios installed

Over **19,000** Microwave links for mission critical applications

Aviat IRU 600
Highest power digital radio **EVER!**

39 dBM



Typical Tx output at 6 GHz measured at RFU output. Valid for all modulations.

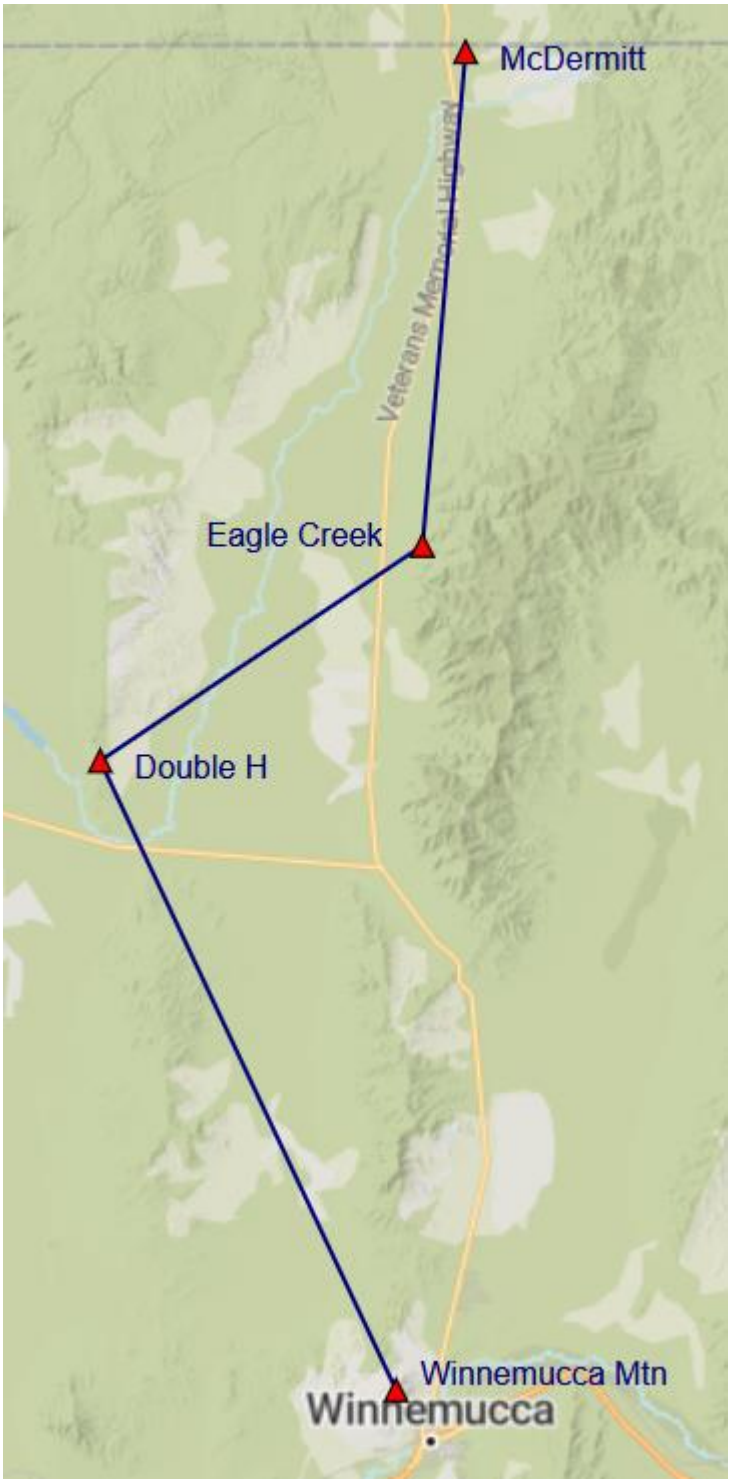
PROUDLY MANUFACTURED IN THE USA

2020-07-07_F-infoG-usa-publicSafety

Section 2: Technical Solution

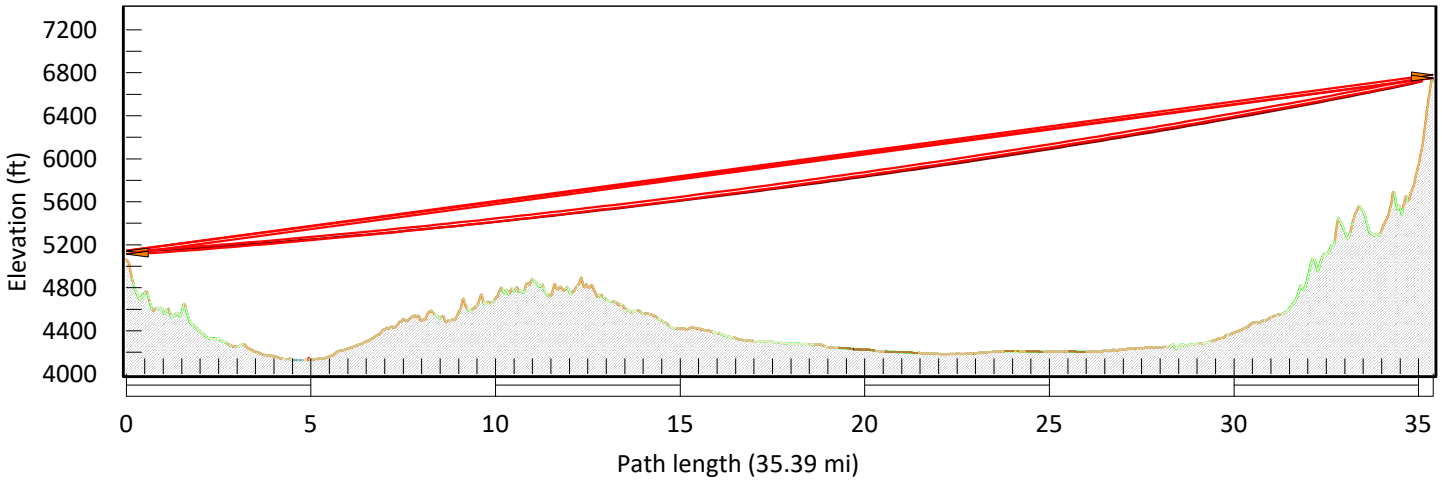
A. Aviat Networks Preliminary System Design Information
1) Path Calculations & Path Profiles
2) System Layout and Preliminary Rack Profiles
3) DC Power Calculations
B. Aviat Networks Preliminary Statement of Work
C. Aviat Networks Preliminary Schedule (in pdf and mpp)

System Layout



Path Profiles and Calculations

1- Double H-Winnemucca Mtn Link



Double H	
Latitude	41 28 28.25 N
Longitude	118 03 26.98 W
Azimuth	154.65°
Elevation	5058 ft ASL
Antenna CL	85.0, 55.0 ft AGL

Frequency (MHz) = 11200.0
Main 1 K = 1.330 %F1 = 100.00
Divr 1 K = 1.330 %F1 = 60.00

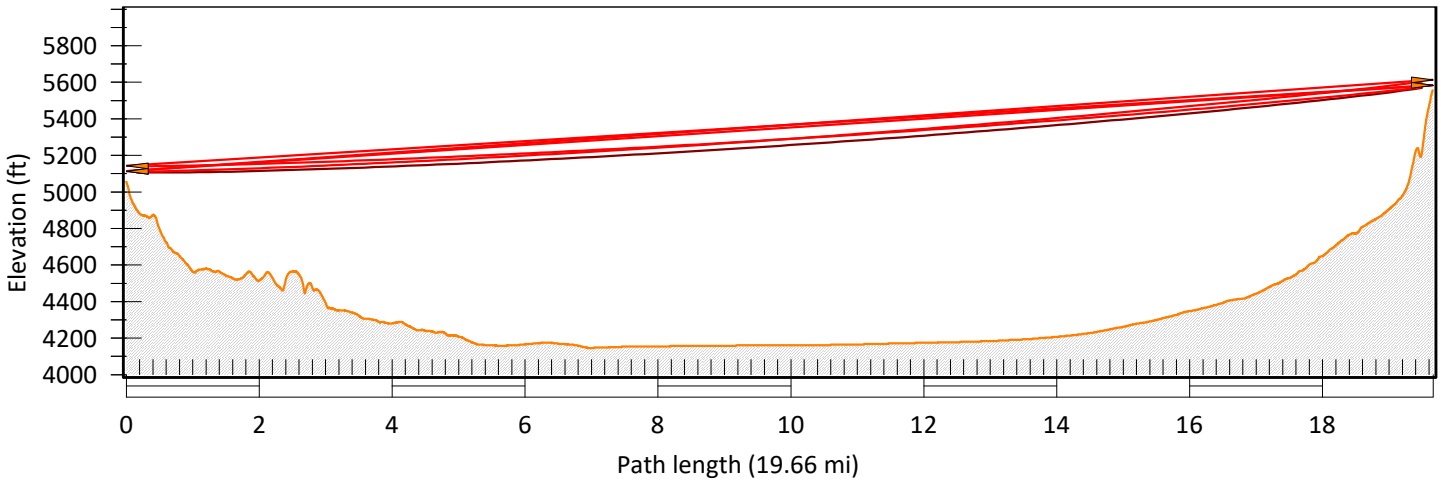
Winnemucca Mtn	
Latitude	41 00 38.50 N
Longitude	117 46 03.50 W
Azimuth	334.84°
Elevation	6719 ft ASL
Antenna CL	30.0, 60.0 ft AGL

	Double H	Winnemucca Mtn
Latitude	41 28 28.25 N	41 00 38.50 N
Longitude	118 03 26.98 W	117 46 03.50 W
True azimuth (°)	154.65	334.84
Vertical angle (°)	0.30	-0.68
Elevation (ft)	5057.78	6719.16
Antenna model	USX6-11W (TR)	USX6-11W (TR)
Antenna gain (dBi)	43.60	43.60
Antenna height (ft)	85.00	30.00
TX line model	EWP90	EWP90
TX line unit loss (dB/100 ft)	3.09	3.09
TX line length (ft)	130.00	70.00
TX line loss (dB)	4.02	2.17
Connector loss (dB)	0.45	0.45
TX switch loss (dB)	0.70	0.70
Antenna model	USX6-11W (DR)	USX6-11W (DR)
Antenna gain (dBi)	43.60	43.60
Antenna height (ft)	55.00	60.00
TX line model	EWP90	EWP90
TX line unit loss (dB/100 ft)	3.09	3.09
TX line length (ft)	95.00	100.00
TX line loss (dB)	2.94	3.09
Connector loss (dB)	0.45	0.45
Frequency (MHz)	11200.00	
Polarization	Vertical	
Path length (mi)	35.40	
Free space loss (dB)	148.56	
Atmospheric absorption loss (dB)	0.90	
Field margin (dB)	2.00	
Main net path loss (dB)	72.05	72.05
Diversity net path loss (dB)	70.97	72.98
Configuration	MHSB/SD	MHSB/SD
Radio model	I6V4EH11_80M064Q365R70_OC3	I6V4EH11_80M064Q365R70_OC3

	Double H	Winnemucca Mtn
TX power (dBm)	32.50	32.50
Emission designator	80M0D7W	80M0D7W
EIRP (dBm)	70.93	72.78
RX threshold criteria	1E-6 BER	1E-6 BER
RX threshold level (dBm)	-71.00	-71.00
Main receive signal (dBm)	-39.55	-39.55
Diversity receive signal (dBm)	-38.47	-40.48
Thermal fade margin (dB)	32.53	31.45
Dispersive fade margin (dB)	49.00	49.00
Dispersive fade occurrence factor	1.00	
Effective fade margin (dB)	32.44	31.37
Climatic factor	1.00	
Terrain roughness (ft)	140.00	
C factor	0.26	
Average annual temperature (°F)	44.62	
Fade occurrence factor (Po)	3.257E-001	
SD improvement factor	28.37	22.83
Worst month multipath availability (%)	99.99934	99.99896
Worst month multipath unavailability (sec)	17.22	27.32
Annual multipath availability (%)	99.99985	99.99977
Annual multipath unavailability (sec)	46.09	73.15
Annual 2 way multipath availability (%)	99.99962	
Annual 2 way multipath unavailability (sec)	119.25	
Polarization	Vertical	
Rain region	Winnemucca, Nevada	
Rain rate (mm/hr)	80.92	
Flat fade margin - rain (dB)	31.45	
Rain attenuation (dB)	31.46	
Annual rain availability (%)	99.99994	
Annual rain unavailability (min)	0.31	
Annual rain + multipath availability (%)	99.99956	
Annual rain + multipath unavailability (min)	2.30	

Multipath fading method - Vigants - Barnett
Rain fading method - Crane

2- Double H-Eagle Creek Link



Double H	
Latitude	41 28 28.25 N
Longitude	118 03 26.98 W
Azimuth	56.24°
Elevation	5058 ft ASL
Antenna CL	55.0, 85.0 ft AGL

Frequency (MHz) = 11200.0
Main 1 K = 1.330 %F1 = 100.00
Divr 1 K = 1.330 %F1 = 60.00

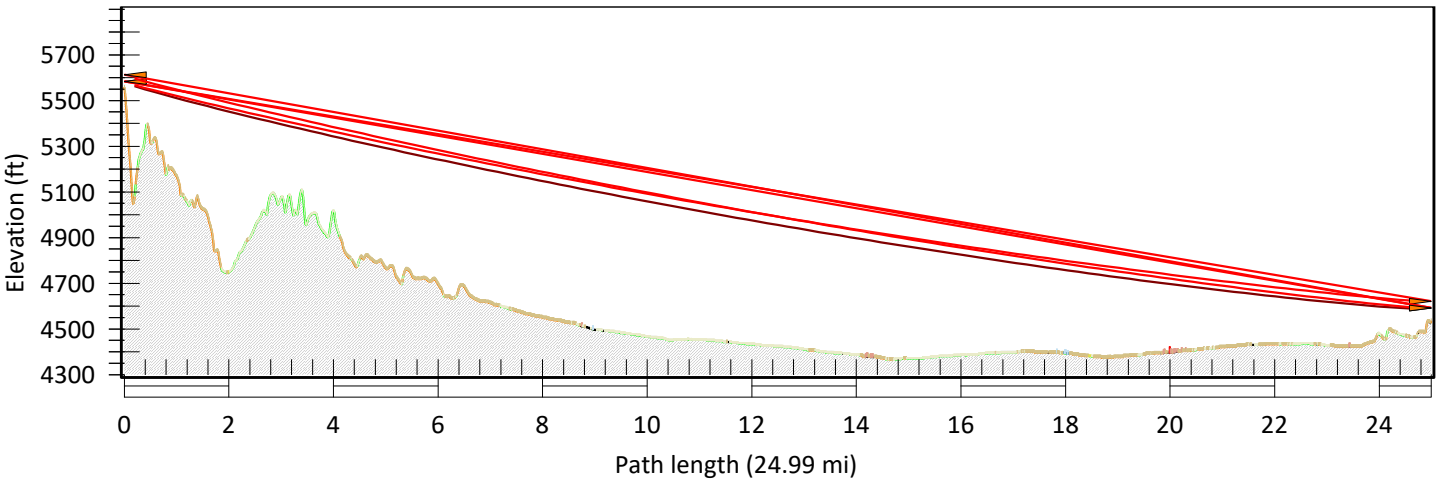
Eagle Creek	
Latitude	41 37 56.60 N
Longitude	117 44 30.40 W
Azimuth	236.45°
Elevation	5558 ft ASL
Antenna CL	25.0, 55.0 ft AGL

	Double H	Eagle Creek
Latitude	41 28 28.25 N	41 37 56.60 N
Longitude	118 03 26.98 W	117 44 30.40 W
True azimuth (°)	56.24	236.45
Vertical angle (°)	0.15	-0.37
Elevation (ft)	5057.78	5557.74
Antenna model	USX6-11W (TR)	USX6-11W (TR)
Antenna gain (dBi)	43.60	43.60
Antenna height (ft)	55.00	25.00
TX line model	EWP90	EWP90
TX line unit loss (dB/100 ft)	3.06	3.06
TX line length (ft)	100.00	70.00
TX line loss (dB)	3.06	2.14
Connector loss (dB)	0.45	0.45
TX switch loss (dB)	0.70	0.70
Antenna model	SHPX4-11W (DR)	SHPX4-11W (DR)
Antenna gain (dBi)	40.80	40.80
Antenna height (ft)	85.00	55.00
TX line model	EWP90	EWP90
TX line unit loss (dB/100 ft)	3.06	3.06
TX line length (ft)	130.00	100.00
TX line loss (dB)	3.98	3.06
Connector loss (dB)	0.45	0.45
Frequency (MHz)	11200.00	
Polarization	Vertical	
Path length (mi)	19.67	
Free space loss (dB)	143.46	
Atmospheric absorption loss (dB)	0.50	
Field margin (dB)	2.00	
Main net path loss (dB)	65.57	65.57
Diversity net path loss (dB)	69.28	69.28
Configuration	MHSB/SD	MHSB/SD
Radio model	I6V4H11_80M064Q365R70_OC3	I6V4H11_80M064Q365R70_OC3

	Double H	Eagle Creek
TX power (dBm)	29.00	29.00
Emission designator	80M0D7W	80M0D7W
EIRP (dBm)	68.39	69.31
RX threshold criteria	1E-6 BER	1E-6 BER
RX threshold level (dBm)	-71.00	-71.00
Main receive signal (dBm)	-36.57	-36.57
Diversity receive signal (dBm)	-40.28	-40.28
Thermal fade margin (dB)	34.43	34.43
Dispersive fade margin (dB)	49.00	49.00
Dispersive fade occurrence factor	1.00	
Effective fade margin (dB)	34.29	34.29
Climatic factor	1.00	
Terrain roughness (ft)	120.90	
C factor	0.32	
Average annual temperature (°F)	43.64	
Fade occurrence factor (Po)	6.758E-002	
SD improvement factor	43.47	43.47
Worst month multipath availability (%)	99.99994	99.99994
Worst month multipath unavailability (sec)	1.52	1.52
Annual multipath availability (%)	99.99999	99.99999
Annual multipath unavailability (sec)	3.99	3.99
Annual 2 way multipath availability (%)	99.99997	
Annual 2 way multipath unavailability (sec)	7.98	
Polarization	Vertical	
Rain region	Winnemucca, Nevada	
Rain rate (mm/hr)	111.94	
Flat fade margin - rain (dB)	34.43	
Rain attenuation (dB)	34.44	
Annual rain availability (%)	99.99998	
Annual rain unavailability (min)	0.12	
Annual rain + multipath availability (%)	99.99995	
Annual rain + multipath unavailability (min)	0.25	

Multipath fading method - Vigants - Barnett
Rain fading method - Crane

3- Eagle Creek-McDermitt Link



Eagle Creek	
Latitude	41 37 56.60 N
Longitude	117 44 30.40 W
Azimuth	4.98°
Elevation	5558 ft ASL
Antenna CL	25.0, 55.0 ft AGL

Frequency (MHz) = 11200.0
Main 1 K = 1.330 %F1 = 100.00
Divr 1 K = 1.330 %F1 = 60.00

McDermitt	
Latitude	41 59 35.20 N
Longitude	117 41 58.57 W
Azimuth	185.01°
Elevation	4536 ft ASL
Antenna CL	55.0, 85.0 ft AGL

	Eagle Creek	McDermitt
Latitude	41 37 56.60 N	41 59 35.20 N
Longitude	117 44 30.40 W	117 41 58.57 W
True azimuth (°)	4.98	185.01
Vertical angle (°)	-0.57	0.29
Elevation (ft)	5557.74	4536.09
Antenna model	USX6-11W (TR)	USX6-11W (TR)
Antenna gain (dBi)	43.60	43.60
Antenna height (ft)	25.00	55.00
TX line model	EWP90	EWP90
TX line unit loss (dB/100 ft)	3.06	3.06
TX line length (ft)	70.00	100.00
TX line loss (dB)	2.14	3.06
Connector loss (dB)	0.45	0.45
TX switch loss (dB)	0.70	0.70
Antenna model	SHPX4-11W (DR)	SHPX4-11W (DR)
Antenna gain (dBi)	40.80	40.80
Antenna height (ft)	55.00	85.00
TX line model	EWP90	EWP90
TX line unit loss (dB/100 ft)	3.06	3.06
TX line length (ft)	100.00	130.00
TX line loss (dB)	3.06	3.98
Connector loss (dB)	0.45	0.45
Frequency (MHz)	11200.00	
Polarization	Vertical	
Path length (mi)	25.00	
Free space loss (dB)	145.54	
Atmospheric absorption loss (dB)	0.63	
Field margin (dB)	2.00	
Main net path loss (dB)	67.78	67.78
Diversity net path loss (dB)	71.50	71.50
Configuration	MHSB/SD	MHSB/SD
Radio model	I6V4H11_80M064Q365R70_OC3	I6V4H11_80M064Q365R70_OC3

	Eagle Creek	McDermitt
TX power (dBm)	29.00	29.00
Emission designator	80M0D7W	80M0D7W
EIRP (dBm)	69.31	68.39
RX threshold criteria	1E-6 BER	1E-6 BER
RX threshold level (dBm)	-71.00	-71.00
Main receive signal (dBm)	-38.78	-38.78
Diversity receive signal (dBm)	-42.50	-42.50
Thermal fade margin (dB)	32.22	32.22
Dispersive fade margin (dB)	49.00	49.00
Dispersive fade occurrence factor	1.00	
Effective fade margin (dB)	32.13	32.13
Climatic factor	1.00	
Terrain roughness (ft)	109.97	
C factor	0.36	
Average annual temperature (°F)	42.86	
Fade occurrence factor (Po)	1.570E-001	
SD improvement factor	20.35	20.35
Worst month multipath availability (%)	99.99953	99.99953
Worst month multipath unavailability (sec)	12.42	12.42
Annual multipath availability (%)	99.99990	99.99990
Annual multipath unavailability (sec)	31.95	31.95
Annual 2 way multipath availability (%)	99.99980	
Annual 2 way multipath unavailability (sec)	63.91	
Polarization	Vertical	
Rain region	Winnemucca, Nevada	
Rain rate (mm/hr)	94.34	
Flat fade margin - rain (dB)	32.22	
Rain attenuation (dB)	32.21	
Annual rain availability (%)	99.99996	
Annual rain unavailability (min)	0.20	
Annual rain + multipath availability (%)	99.99976	
Annual rain + multipath unavailability (min)	1.26	

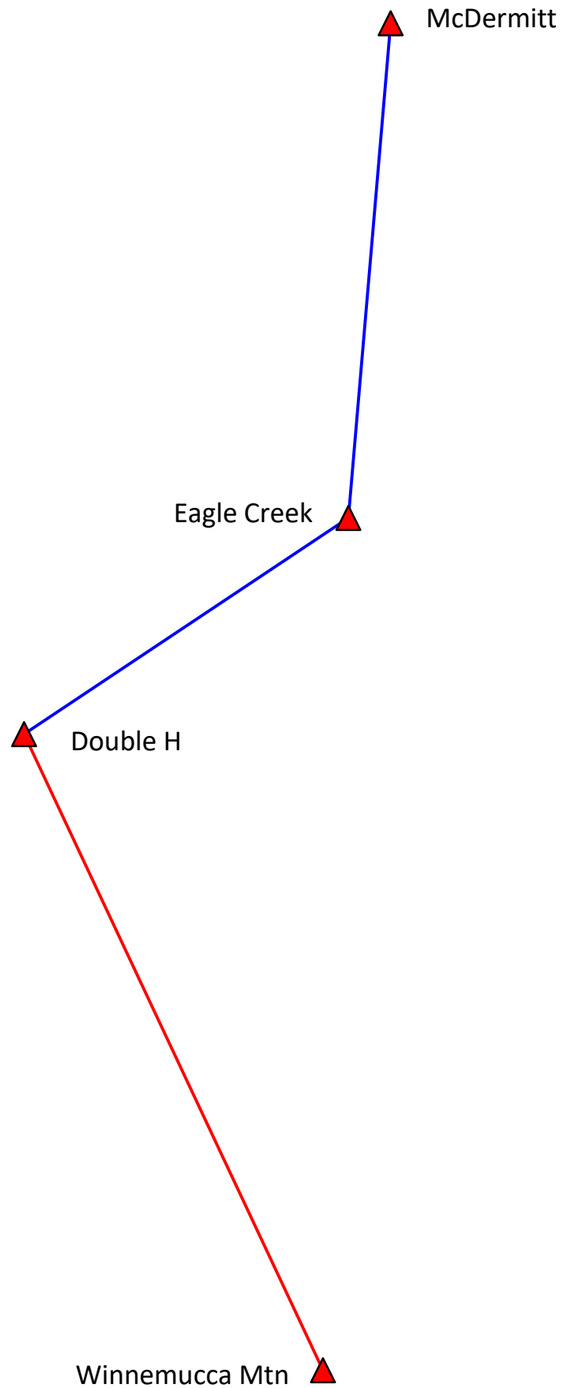
Multipath fading method - Vigants - Barnett
Rain fading method - Crane

Humboldt County, NV Radio System

Rev.	Engineer	Revision Date
A	M. Martinez	6/14/2024

MICROWAVE LINKS

- 11 GHz HP 1+1 80 MHz 64QAM 365 Mbps
- 11 GHz EHP 1+1 80 MHz 64QAM 365 Mbps



Aviat NETWORKS

Humboldt County, NV

Humboldt County, NV Radio System

NA231130-58437

Engineered by: M. Martinez

Drawn by: M. Martinez

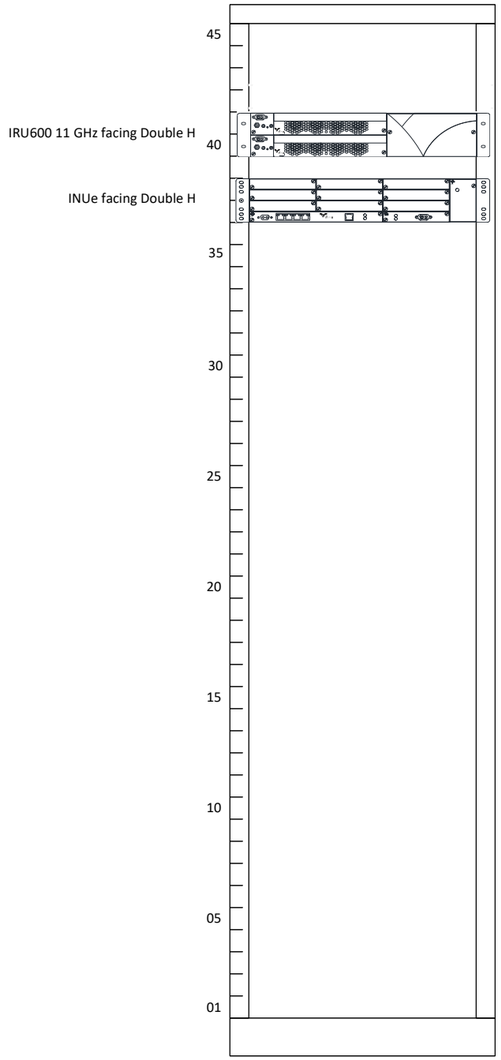
System ID: | Page 1 of 5

SYSTEM LAYOUT

Aviat Networks Confidential and Proprietary Information

Winnemucca Mtn Site

Rev.	Engineer	Revision Date
A	M. Martinez	6/14/2024



Customer provided Rack

Humboldt County, NV

Humboldt County, NV Radio System

NA231130-58437

Engineered by: M. Martinez	
Drawn by: M. Martinez	
System ID:	Page 2 of 5

Preliminary Rack Profile **91**

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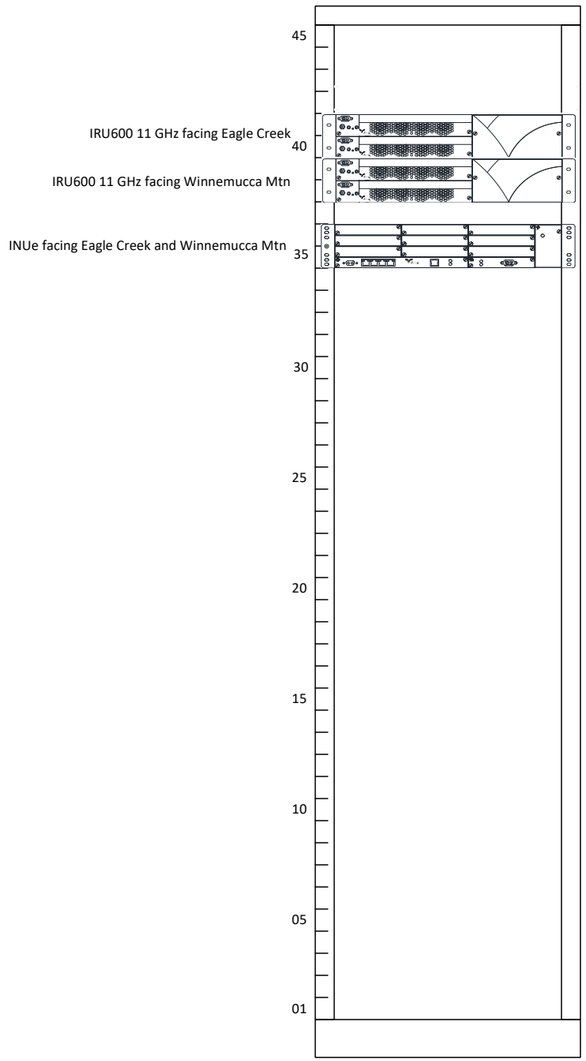
Double H Site

Rev.	Engineer	Revision Date
A	M. Martinez	6/14/2024



Customer provided Rack

Humboldt County, NV

Humboldt County, NV Radio System

NA231130-58437

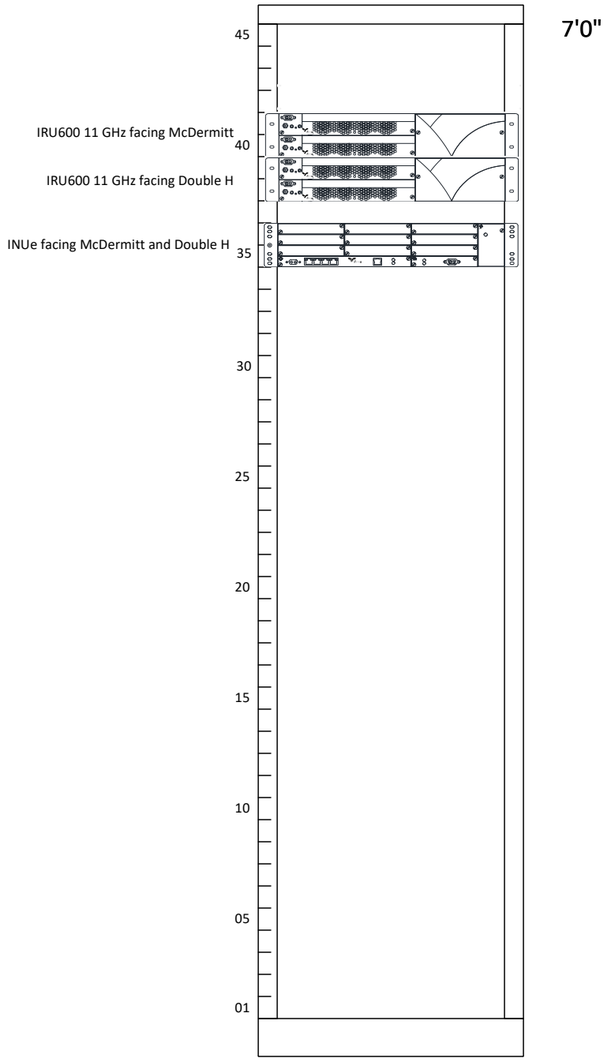
Engineered by: M. Martinez	
Drawn by: M. Martinez	
System ID:	Page 3 of 5

Preliminary Rack Profile

Aviat Networks Confidential and Proprietary Information

Eagle Creek Site

Rev.	Engineer	Revision Date
A	M. Martinez	6/14/2024



Customer provided Rack

Humboldt County, NV

Humboldt County, NV Radio System

NA231130-58437

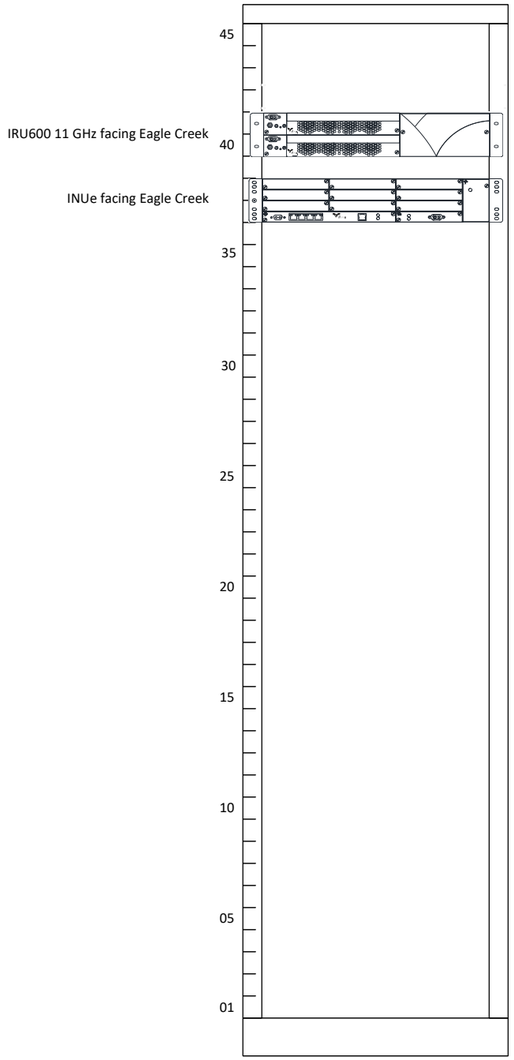
Engineered by: M. Martinez	
Drawn by: M. Martinez	
System ID:	Page 4 of 5

Preliminary Rack Profile

Aviat Networks Confidential and Proprietary Information

McDermitt Site

Rev.	Engineer	Revision Date
A	M. Martinez	6/14/2024



Aviat NETWORKS

Humboldt County, NV

Humboldt County, NV Radio System

NA231130-58437

Engineered by: M. Martinez	
Drawn by: M. Martinez	
System ID:	Page 5 of 5

Preliminary Rack Profile **94**

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COMMUNICATIONS EQPT	EQPT POWER CONSUMPTION (Amps) @ 48VDC:	Brkr/Fuse Size (Amps)	Winnemucca Mtn		Double H		Eagle Creek		McDermitt	
			QTY	AMP	QTY	AMP	QTY	AMP	QTY	AMP
INUe and NTU										
INUe e/w 2RU Fan card, NCC and NPC	0.44	20.00	1	0.44	1	0.44	1	0.44	1	0.44
Aux	0.02		1	0.02	1	0.02	1	0.02	1	0.02
DAC GE3	0.27		2	0.54	4	1.08	4	1.08	2	0.54
RAC70	0.32		2	0.65	2	0.65	2	0.65	2	0.65
IRU600v4 MP (Max)										
IRU600 SP/HP 11 GHz: 1+0 RPTR, 2+0, MHS, MHS-SD, FD	2.50				1	2.50	2	5.00	1	2.50
IRU600v4 EHP (Max)										
IRU600 11 GHz EHP: 1+0 RPTR, 2+0, MHS, MHS-SD, FD	4.04	3.00	1	4.04	1	4.04				
Fuse/Breaker Requirements										
3.00A			2		2					
20.0A			2		4		4		2	
STATION LOAD (AMPS @ 48 VDC)				**5.69**		**8.73**		**7.19**		**4.15**

Statement of Work

Humboldt County, NV
Three Links of IRU600 11 GHz
NA231130-58437
Project Services

Release 3.0
06/11/2024

Issue Releases

Issue Number	Issue Release Date	Changes	Preparer
1.0	01/10/2024	Initial Services Release	G. Galvan
2.0	04/12/2024	Updated System Description	G. Galvan
3.0	06/11/2024	Updated System Description	M. Martinez

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1. EXECUTIVE SUMMARY

1.1. *Purpose of Document*

This Statement of Work ("SOW") specifies the deliverables and defines the responsibilities and other relevant terms applicable to the planning and delivery of microwave and associated products from Aviat U.S., Inc. ("Aviat Networks" or "Aviat") and its partners, as well as the professional services required to engineer and implement the proposed solution for Humboldt County, NV ("Customer").

Execution of the services listed in this SOW is governed by Aviat's standard terms and conditions ("Agreement"). Neither party is obligated to provide any services until the Agreement is executed by both parties and an order has been placed for services by Humboldt County, NV and accepted by Aviat Networks. Where the terms of the Agreement differ from the terms of the SOW, the terms in the SOW shall control. Any capitalized term not defined herein shall have the meaning ascribed to it in the Agreement.

1.2. *Project Scope*

This SOW applies to Humboldt County, NV - Three links of IRU600 11 GHz project proposed by Aviat Networks and cannot be extended to other projects. Aviat Networks will provide the following services to Humboldt County, NV:

☑ Project Management	☑ Network Engineering
☑ Transmission Engineering	☑ Project Engineering
☑ Configuration Engineering/Drafting	☐ MPLS Network Services
☑ Factory Integration and Testing	☑ Antenna & Line Installation
☑ Radio Installation and Testing	☑ Network Integration
☐ Radio Decommission	☐ Antenna System Decommission
☐ DC Power System Installation and Testing	☐ DC Power System Decommission
☐ Civil Construction	☐ Field Technical Support
☐ Structural Mapping	☐ Structural Analysis
☐ Existing Radio Baseline Testing	☐ Existing Waveguide Sweeps
☐ Tower/Monopole Design, Supply and	☐ Shelter Supply and Installation

☑ Additional Scope Update existing NMS database with new equipment

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Prevailing Wages: Yes

Freight Terms: Destination

Any required services or material not specified in this SOW will be provided by Humboldt County, NV and will not be considered part of Aviat Networks' responsibilities. Aviat Networks reserves the right to quote and perform services not specified in this SOW in accordance with the terms and conditions of the Agreement. Once Aviat Networks approves the new services, the new services will be added to this SOW in a mutually signed amendment to this SOW and the release of a new services purchase order. For a full list of Aviat provided equipment, please refer to the project equipment list.

Humboldt County, NV and Aviat Networks acknowledge that meeting the planned project completion date requires the cooperation of the parties. Any changes requested by Humboldt County, NV before the design freeze date stated in Appendix B will be considered part of the design finalization phase of the project and not subject to a formal change order, if at Aviat Networks' sole discretion, the requested change falls within the original scope and hours of the project. Any changes requested by Humboldt County, NV after the design freeze date will be subject to review by Aviat Networks and may, at Aviat Networks' sole discretion, result in a change in the order fee and/or a delay in delivery to the field. See Appendix B for more detail on the design freeze.

Completion and accuracy of all deliverables are subject to the integrity of the information provided by Humboldt County, NV. Aviat Networks is not responsible for validating the accuracy of the information provided by Humboldt County, NV. Any changes resulting from incorrect information provided by Humboldt County, NV, or any third party associated with Customer, will be charged to Humboldt County, NV as a billable change order.

Humboldt County, NV furthermore agrees that any delays caused by inadequate site readiness for which Humboldt County, NV was responsible for may prohibit Aviat Networks from meeting the project completion date, and Aviat Networks may adjust the completion date. Unless otherwise agreed to in a mutually signed amendment to this SOW, any cost impact such delays might have on this SOW will be charged to Humboldt County, NV as a billable change order. In the event of such delays, Aviat Networks and Humboldt County, NV will make a reasonable effort to resolve the issue and mutually agree on new project milestones.

Documents, deliverables, and work submitted by Aviat Networks to Humboldt County, NV shall be reviewed and approved in ten (10) working days from the date of receipt. If the documents, deliverables, or work submitted by Aviat Networks include equipment production or OEM ordering, Customer shall not review, approve, or comment on the documents, deliverables, or work, and the documents deliverables, or work shall, at Aviat's option, either be (i) placed on hold or (ii) deemed accepted.

Aviat shall invoice Customer for equipment upon shipment of the equipment. Aviat shall invoice Customer for services upon completion of the services. Customer shall pay all invoices issued by Aviat within thirty (30) days of Aviat's issuance of the invoice. If Customer does not pay an invoice within thirty (30) days of issuance of the invoice, Aviat shall assess a late penalty of the lesser of one-and-a-half percent (1.5%) or the greatest amount allowed by law.

Project Summary

Number of Hops	3	Number of Sites	4
Number of parallel RF Channels	NA	Number of Sites	NA
Radio Equipment Family	IRU600	Frequency Band	11 GHz
Link Capacity	365 Mbps	Protection Types	MHSB/SD
Traffic Type	Ethernet	Project Locations (States)	NV

1.3. *Supporting Documents*

The following documents will be provided by Aviat Networks in support of this project and must be accepted by Humboldt County, NV as part of the project completion. It is Humboldt County, NV' responsibility to provide signed copies of the documents to Aviat Networks before the final project completion.

	Document	Reference Sec.	Master Document	Requires Customer Acceptance/Sign-off?
Planning	Project Schedule	2.1, Appx A	Project Schedule	Yes
	Statement of Work		This document	Yes
	Statement of Work Sign-off	12	This document	Yes
Design	DC Power calculations	2.2, Appx B	Design Freeze Package	No
	Design Freeze Package	2.2	Design Freeze Package	Yes
	Equipment List	2.2	Equipment List	No
	Frequency Datasheets	2.2	Path Survey Report	No
	Floor Plan	2.2	Installation Specifications	Yes
	IP Plan	2.2, 14	Design Freeze Package	Yes
	NMS Plan (update existing NMS database)	2.2	Design Freeze Package	Yes
	Path Calculations and Path Profiles	2.3, Appx C	Path Survey Report	No
	Path Survey Report	2.3, Appx C	Path Survey Report	Yes
	Rack Profiles and Wiring Diagrams	2.3, Appx B	Installation Specifications	No
	Site Survey Report	2.3, Appx C, D	Site Survey Report	Yes
	Synchronization Plan	2.2, Appx B	Design Freeze Package	No
	System Layout	2.2, Appx B	Design Freeze Package	No

	Traffic Plan	2.2, Appx B	Design Freeze Package	Not Applicable
Implementation	Change Order Form	Appx G	This Document	Yes
	Equipment Installation Checklist	Appx E	Installation Specifications	Yes
	Installation Specifications	2.4, Appx E	Installation Specifications	No
	Field Acceptance Test Plan	2.4, Appx E	Installation Specifications	Yes
	Traffic Cutover Plan	2.4, Appx D, E	Installation Specifications	Not Quoted
	RF Cutover Plan	2.4, Appx D	Installation Specifications	Not Quoted
	As-Built Record Sets	3.4, 14	As Built Records	Yes
	Punch List Completion Report	3.4	Installation Specifications	Yes
	Site Installation Completion Report	3.4	Installation Specifications	Yes
	Project Completion Sign-off	3.4, 13	This Document	Yes
	Injury and Illness Prevention	Appx E	Installation Specifications	No

1.4. *System Summary*

This proposal includes the engineering, delivery, installation, and commissioning of three links of Eclipse IRU600 11 GHz Radios:

1. Winnemucca Mtn Double H: Eclipse IRU600 11 GHz, MHSB/SD, EHP, 80 MHz RF Bandwidth, 365 Mbps, 6ft Main & 6ft Diversity Rx Antennas.
2. Double H – Eagle Creek: Eclipse IRU600 11 GHz, MHSB/SD, High Power, 80 MHz RF Bandwidth, 365 Mbps, 6ft Main & 4ft Diversity Rx Antennas.
3. Eagle Creek - McDermitt: Eclipse IRU600 11 GHz, MHSB/SD, High Power, 80 MHz RF Bandwidth, 365 Mbps, 6ft Main & 4 ft Diversity Rx Antennas.

These links will be supplied with new antennas, elliptical waveguide, spares and related installation hardware and accessories.

Racks and DC Power will be supplied by Humboldt County, NV/others.

Please refer to the attached path calculations for more details.

A system map is shown below:



1.5. *MPLS Design Scope for Projects in which Aviat provides the MPLS routers*

MPLS was not quoted for this proposal

1.6. *Validity of Quote*

A Quote is an invitation for an offer and a notice to Customer of these conditions which automatically expires after one hundred and eighty (180) days from the date of Quote, (i) if Customer has not issued Aviat US a purchase order or, (ii) if the Quote is not signed by Customer and returned to Aviat US within such time frame.

1.7. *Period of Performance*

Project Period of Performance is **32** weeks After Receipt of Order (ARO) Any delays beyond Aviat's control will be addressed as a change order to Humboldt County, NV. This includes any changes to the design, field implementation and coordination requiring additional hours for the Network Engineer, Configurations Engineer, Drafter, Transmission Engineer, Program Manager, Project Engineer, and field crew(s).

1.8. *Specific Personnel and/or Field Crew Request*

None.

When requested, Aviat will make every effort possible to utilize named personnel where personnel. However, if schedule and resource constraints arise requiring the use of alternate personnel, Aviat will communicate such resource plans with the client in a timely manner to allow for proper negotiations.

1.9. *Field Crew Mobilization*

Successful completion of installation, integration, and testing services are based on uninterrupted, contiguous-site installation and testing. Based on the proposed network design, Aviat has included **1** field crew mobilization(s) for the duration of the project field implementation phase. Additional mobilizations will be billed on a time-and-expense basis.

If installation is delayed due to inclement weather, inaccessible sites(s), incomplete site preparation or construction, the following charges may apply and will be billed to Humboldt County, NV as a billable change order:

- Standby time for a tower tech / foreman will be charged at a rate of $1,045 per person, per day.
- Standby time for radio technicians and Network Integrators will be charged at a rate of $1,436 per person, per day plus per diem.
- If re-mobilization of the installation crew is necessary, then two-week advance notice is required.
- Re-mobilization will be billed on a time-and-expenses basis.
- Service costing assumes use of 4-wheel drive vehicles for all project related vehicles. Additional requirements such as ATVs may require additional service costs.
- If the field crew(s) is required to work out of contiguous sequence due to conditions beyond the control of Aviat Networks, a charge equal to one day for each crew person will be assessed to the Customer for each occurrence.

1.10. *Onsite Meetings*

Aviat did not quote any onsite meetings for this proposal. Aviat assumes all meetings to be conducted online or through conference calls.

1.11. *Site Accessibility: Towers, Antenna Structures and Shelter*

Cranes, lifts, and specialty access equipment are considered outside of standard project scope unless otherwise declared in section 3.4.3 (Installation Services). Unless specifically identified, Aviat assumes all towers are climbable and antennas can be installed without the need of cranes and/or lifts. In addition, standard site access is achievable with a 4-wheel drive vehicle. Once a site survey has been completed and a determination made indicating a crane, lift or other specialty access equipment is required, the item will be addressed as a change in scope and a subsequent Change Order will be delivered to the customer for the additional cost. Refer to Section 11, Appendix G for more information on the Change Order process.

1.12. *Battery Long Term Storage and Charging requirements*

DC Power Plant was not quoted for this proposal. .

2. PLANNING AND DESIGN RESPONSIBILITIES

2.1. *Project Management*

2.1.1. Project Management Responsibilities

Planning:		
	Develop project schedule for Aviat engineers	Yes
	Develop project schedule for Humboldt County, NV' supporting vendors	Customer
	Establish an action register	Aviat
	Establish a communications plan	Aviat and Customer
	Establish a change management plan	Aviat and Customer
	Establish a risk management strategy	Aviat
	Provide quality standards and procedures document	Aviat
	Establish a resource management plan for Aviat resources	Aviat
	Develop a responsibility matrix, detailing principal team members by function	Aviat
	Provide details of Humboldt County, NV' principal team members by function	Customer
	Provide details of Humboldt County, NV' single point of contact for Aviat	Customer
Execution:		
	Act as primary point of contact for Humboldt County, NV	Aviat
	Finalize project terms and scope with Humboldt County, NV	Aviat
	Chair meetings to assign tasks, evaluate progress and address issues	Aviat
	Coordinate Aviat Networks' day-to-day activities through to project signoff	Aviat
	Coordinate Humboldt County, NV' supporting vendors' day-to-day activities	Customer
	Monitor progress against the agreed-upon project milestones	Aviat
	Report on progress as agreed to in the communications plan	Aviat
	Manage project risk through risk identification, quantification and mitigation	Aviat
	Ensure the terms and conditions of the contract are complied with	Aviat
Closeout:		
	Manage project close-out activities	Aviat
	Sign off on close-out activities and final deliverables	Customer

2.2. *Microwave Network Design*

Copies of equipment datasheets/user manuals	Aviat

2.2.1. Network Design Responsibilities

Planning:		
	Microwave system requirements	Customer
	Existing traffic, IP and NMS plans	Customer
	Anticipated channel plan requirements	Customer
	Preliminary system design during or after initial proposal	Aviat
	Preliminary path calculations for selected Aviat Networks radios	Aviat
Design:		
	Final equipment list	Aviat
	Final path calculations and path profiles	Aviat

	Site specific diagram (RP's and wiring diagrams)	Aviat
	DS0 traffic plans	Customer
	DS1/DS3/OC3 traffic plans (Not Applicable)	Not Applicable
	IP traffic plans	Aviat
	NMS plan (update existing NMS database)	Aviat
	Synchronization plan	Customer
	DC power calculations	Aviat
	Traffic cut-over plan and method of procedure	Not Quoted
	Field acceptance test plan	Aviat
Sign-off:		
	Humboldt County, NV sign-off on final network design (design freeze)	Customer

2.3. *Microwave Path Design*

Path reliability	TBD %	
BER	○ 10^3	◉ 10^6
HUMBOLDT COUNTY exempt from FCC license fee	◉ Yes	○ No

2.3.1. Path Design Services Provided by Aviat

RF interference paper study	Aviat
RF field measurements	Not Quoted

2.3.2. Path Design Responsibilities

Planning:		
	Documents relating to tower or structural analysis and drawings	Customer
	Documents relating to previous path surveys and frequency coordination	Customer
	Historical path performance details on a per link basis	Customer
	Path clearance objective for each path	Customer
	Federal registration number (FRN) and username and password	Customer
Design:		
	Path surveys to confirm path reliability objectives	Aviat
	Site elevation and coordinates	Customer
	Existing antenna mounting structure description and information (tower type)	Aviat
	Existing building description and information	Aviat
	Site plan (drawing with major landmarks for location purposes)	Customer
	Final path calculations and path profiles for each hop	Aviat
	Identify locations of possible sources of spectral reflection	Aviat
	Information concerning possible obstructions or obstacles	Aviat
	Recommend antenna size, type, and mounting height	Aviat
	Radio frequency coordination	Customer
	Tower permit application	Customer
	Prepare and submit FCC license application (where applicable – Form 601)	Customer
	Prepare and submit environmental impact data	Customer
	Provide required environmental approvals or permits	Customer
	File FCC construction completion notice	Customer

Sign-off:		
	Approve recommended antenna size, type and mounting height	Customer
	Humboldt County, NV sign-off on final path design	Customer

2.4. *Project Engineering*

2.4.1. Project Engineering Services Provided by Aviat

Site Surveys	Aviat
Floor plan installation scope	Aviat
Installation specifications	Aviat
Manage civil construction	No
Manage field installation	Aviat
Traffic cutover plan	Not Quoted
RF cutover plan	Not Quoted
Field acceptance test plan	Aviat

2.4.2. Project Engineering Responsibilities

Planning:		
	Documents relating to tower or structural analysis and drawings	Customer
	Site access policies and procedures	Customer
	Site access as required	Customer
	Building/shelter/enclosure access as required	Customer
Design:		
	Site surveys	Aviat
	Site plan (drawing with major landmarks for location purposes)	Customer
	Environmental data (if required)	Customer
	Tower and transmission lines:	
	Existing tower description and information (tower type)	Aviat
	Identify and define antenna mounting hardware	Aviat
	Existing waveguide dehydrator information and their associated cabling	Aviat
	Recommendation for tower upgrades	Customer
	Equipment and Shelter:	
	Existing building description and information	Aviat
	Flooring, ceiling, racking data, and requirements to mount new hardware	Customer
	Identify demarcation types and location between new and existing equipment	Customer
	Recommendation for placement of new equipment	Aviat and Customer
	All power, existing and future, with breaker assignments	Customer
	Identify any grounding issues and recommend improvements	Aviat
	All structural information regarding power generator	Customer
	Recommendation for any site or shelter upgrades	Customer
Execution:		
	Ensure proper site readiness prior to the install start date	Customer
	Coordinate day-to-day field install activities through to project signoff	Aviat
	Monitor field installation progress against the agreed-upon project milestones	Aviat
	Report on field installation progress as agreed to in the communications plan	Aviat

	Coordinate Aviat change orders until project completion	Aviat
	Coordinate finalization of project close-out drawings and documents	Aviat
	Review quality checklists and photos for defects	Aviat
	Coordinate system acceptance and project completion	Aviat
	Microwave Site Survey Report	Aviat
	Installation Specification	Aviat
	Traffic Cutover Plan	Not Quoted
	RF Cutover Plan	Not Quoted
	Field Acceptance Test Plan	Aviat
	Project Closeout Package	Aviat

3. INSTALLATION, INTEGRATION & TESTING

3.1. *Installation Services*

Tower	Customer
Antenna system	Aviat
Antenna alignment	Aviat
Transmission line	Aviat
Shelter	Customer
Radio equipment (assume reusing existing racks)	Aviat
AC power	Customer
DC power	Customer
Grounding	Customer
Product / Network Integration test	Aviat

3.2. *Integration Services*

Microwave equipment integration	Aviat
Dehydrator integration	Aviat
NMS integration (update existing NMS database)	Aviat

3.3. *Testing Services*

Station test	Aviat
Hop test	Aviat
System test	Aviat
Traffic cutover	Not Quoted
RF cutover	Not Quoted

3.4. *Installation, Integration, & Testing Responsibilities*

3.4.1. General Project Responsibilities

	Obtain all necessary environmental and public agency approvals/documentation	Customer
	Obtain all necessary construction permits and documentation prior to installation start	Customer
	Provide site access in accordance with the project schedule	Customer
	Normal road access for all project related vehicles	Customer
	Transport of Aviat Networks supplied equipment to Customer warehouse	Aviat

	Transport of Aviat Networks supplied equipment to sites	Aviat
	Transport of Aviat Networks personnel to and from sites	Aviat
	Safety and first aid material and supplies to Aviat Networks personnel	Aviat

3.4.2. Site and Civil Services

	Leasing, zoning, permits and inspections	Customer
	Soil analysis or provide report	Customer
	Foundation design for tower/shelter	Customer
	Site construction (demolition, grading, erosion control, drainage, etc.)	Customer
	Civil documentation for existing shelters and towers	Customer
	Structural design package required to support proposed antenna system	Customer
	Structural analysis report for the existing and new antenna system	Customer
	Site layout drawings, plot plans or applicable architectural blueprints	Customer
	Locate and mark all site boundaries and features	Customer
	Secure storage for all equipment including radios, antennas and racks	Customer
	Standard equipment packaging	Aviat
	Unpack Aviat Networks equipment and remove packing material from site	Aviat
	Verify packing list to specifications	Aviat

3.4.3. Installation Services

	Tower, Transmission Line, and Shelter:	
	Antenna system support structures: towers, monopoles and tripods	Customer
	Ground resistivity measurements and report of newly installed ground system	Customer
	Cranes - * Refer to section 1.11	TBD after Surveys
	Man Lifts - * Refer to section 1.11	TBD after Surveys
	Vehicles (ATV, snowmobile, helo, etc.) - * Refer to section 1.11	TBD after Surveys
	Other specialty hoisting / access equipment - * Refer to section 1.11	TBD after Surveys
	Tower:	
	Install tower foundation	Customer
	Provide and install tower lights	Customer
	Provide and install safety climb and safety climb ladder	Customer
	Provide and install lightning rod	Customer
	Provide and install platform	Customer
	Provide and install footing hardware and penetrations for structure on rooftops	Customer
	Adequate earth ground in accordance with EIA/TIE standard 222G	Customer
	Connect tower ground to site ground, in accordance with EIA/TIA standard 222G	Customer
	Provide and install tower or rooftop pole mounts	Customer
	Provide and install standard tower leg pipe mounts	Aviat
	Provide and install any required steel support members for side braces	Aviat
	Provide and install specialized antenna mounts	Not Quoted
	Provide and install standard face mounts	Not Quoted
	All RF/microwave antenna mounting brackets	Aviat
	Antenna feeder window/bridge and cable tray supports	Customer
	Antennas and radomes at specified centerlines	Aviat

	Ice shields at specified locations	Not Quoted
	Tower painting	Customer
	Provide and paint antennas to match structure or specific color	Not Quoted
	Provide and paint lines to match structure or specific color	Not Quoted
	Transmission line:	
	Waveguide ladders	Customer
	Waveguide bridges	Customer
	Rooftop sleepers for transmission lines and ground plates	Customer
	Provide and install cable trays	Customer
	Provide and install transmission lines	Aviat
	Install hanger kits and ground kits	Aviat
	Penetrate building walls or roof and install waveguide ports and entry plates	Customer
	Install waveguide or coax boots at entry plates	Aviat
	Provide and install lightning protector at entry points	Aviat
	Provide and install conduit	Customer
	Terminate and label waveguide or coax runs	Aviat
	Provide and install pressurization equipment	Aviat
	Perform dehydrator test	Aviat
	Set dehydrator pressure to 4psi	Aviat
	Waveguide / Antenna sweep (Basic): DTL - RL	Aviat
	Waveguide / Antenna sweep (Enhanced): DTL – RL with Load	Not Quoted
	Verify airtightness, by turning pressurization valve off for 4 hours and measuring pressure drop on each line (<0.5 PSI)	Aviat
	Shelter:	
	Provide shelters, cabinets or enclosures	Customer
	Provide and install shelter foundation	Customer
	Shelter installation	Customer
Indoor equipment and rack installation:		
	Provide and install cable ladders or trays	Customer
	Provide and install new racks in specified locations	Customer
	Provide and install bracing supports	Customer
AC/DC power equipment and/or ground installation:		
	Perform electrical (underground conduits, trenching, AC power source, etc.)	Customer
	Provide and install ground ring	Customer
	Provide and install generator and fuel tank	Customer
	Provide and install AC circuit breakers to support Aviat Networks equipment	Customer
	Provide and install AC feeds from AC distribution to charger or UPS equipment	Customer
	Provide and install DC circuit breakers to support Aviat Networks equipment	Customer
	Provide and install charger racks	Customer
	Provide and install battery into charger rack or on floor as required	Customer
Field integration services:		
	Integrate Aviat Networks microwave equipment	Aviat
	Integrate rack ground to ground distribution in shelter	Customer
	Integrate DC wiring to specified distribution panels	Aviat

	Integrate payload wiring to designated demarcation	Aviat
	Integrate Ethernet wiring to designated demarcation	Aviat
	Integrate alarm contacts to designated demarcation	Aviat
	Integrate battery wiring to designated chargers	Customer
	Connect radio antenna ports to waveguide flex sections	Aviat
	Install and integrate NMS software into Customer's radio network (update existing NMS database)	Aviat
	Customize NMS alarm designations (update existing NMS database)	Aviat
Product test services:		
	Review and approve Aviat field acceptance test plan	Customer
	Station test:	
	Perform grounding inspection	Customer
	Perform equipment inspection	Customer
	Hop test:	
	Perform DC power system test	Customer
	Measure charger floating/equalization voltages	Customer
	Measure voltages on each battery cell	Customer
	Verify charger/battery switching	Customer
	Perform microwave equipment test	Aviat
	Transmit power output test	Aviat
	Receive signal level test	Aviat
	Receiver threshold (fade margin) test	Aviat
	Transmitter/receiver switching test	Aviat
	Layer 1 link aggregation test	Not Quoted
	Layer 2 link aggregation test	Not Quoted
	Adaptive modulation test	Not Quoted
	Ethernet test	Aviat
	AUX alarm/data card test	Aviat
	1-hour BER test on primary radio and 1-hour BER test on standby radio (all ethernet design)	Not Applicable
	Perform channel bank test	Not Applicable
	Verify VF continuity/level at 1KHz	Not Applicable
	Verify operation of E/M signaling	Not Applicable
	Multiplexer test	Not Quoted
	IP phone test	Not Quoted
Network Integration test services:		
	Ring wrapping or Ethernet Ring Protection (ERP) tests	Not Applicable
	IP phone test	Not Quoted
	Network continuity test	Aviat
	12-hour BER test on primary side (all ethernet design)	Not Applicable
	12-hour BER test on standby side (all ethernet design)	Not Applicable
	RFC-2544 test	Aviat
	Y-1564 test	Not Quoted
	Provision element manager test (update existing NMS database)	Aviat
	Traffic/RF cutover:	

	Provide technical personnel familiar with existing equipment and cutover plan	Not Quoted
	Schedule cutover of all complete traffic immediately following installation	Not Quoted
	Transfer circuit wiring	Not Quoted
	Verify integrity of circuits being cutover	Not Quoted
	Perform RF cutover	Not Quoted
	Perform Traffic cutover	Not Quoted
Final site acceptance:		
	Notify all parties involved of site completion	Aviat
	Perform site installation inspection	Customer
	Complete indoor quality checklist	Aviat
	Complete tower quality checklist	Aviat
	Identify all critical punch list items	Customer
	Submit final punch list of all deficiencies to be corrected to Aviat	Customer
	Review, agree and sign off on final punch list	Aviat and Customer
	Sign off on Aviat Networks site installation checklist form	Customer
Final system acceptance:		
	Sign off on Aviat Networks field acceptance test results	Customer
	Deliver as-built drawings for Aviat provided equipment	Aviat
	Resolution of Customer vendor issues affecting completion or project	Customer
	Sign off on Aviat Networks installation completion report	Customer
	Sign off on project acceptance based on acceptance criteria of project	Customer
	Issue final invoice for services upon acceptance of the system	Aviat

4. EQUIPMENT DECOMMISSION

4.1. *Decommission Services*

Tower	Not Quoted
Antenna system	Not Quoted
Transmission line	Not Quoted
Pipe mount	Not Quoted
Radio rack	Not Quoted
DC charger rack	Not Quoted
Battery	Not Quoted
Leave decommissioned equipment at the site	Not Quoted
Transport decommissioned equipment to customer warehouse	Not Quoted
Dispose decommissioned equipment	Not Quoted

5. APPENDIX A: PROJECT MANAGEMENT

Responsibilities

Aviat Networks will assign an Aviat representative to be the primary point of contact for this SOW ("Project Manager") for the duration of the project. The Project Manager will work with Humboldt County, NV to facilitate effective resource management, escalations, approval processes, scheduling, communication, and reporting with Aviat engineers and other designated vendors as needed. The Project Manager is responsible for maintaining control of the project and assuring compliance with the project and Customer specifications. Aviat Networks will not be responsible for the resolution of Humboldt County, NV vendor issues affecting the completion of the project. Any documentation and standards not listed in this SOW will default to Aviat Networks standards, where applicable.

Although face-to-face communication and on-site meetings with Humboldt County, NV are essential elements of the service, some activities that do not require face-to-face contact will be performed in the Project Manager's Aviat Networks office to reduce travel and living costs. These activities are at the discretion of the Project Manager. Refer to section 2.1.2 for a full list of Project Management responsibilities.

Project Schedule

The project schedule for Aviat engineers, Aviat sub-contractors, and for Humboldt County, NV' supporting vendors will be developed (or updated if a schedule is included with this proposal) and maintained in Microsoft Project and will identify project deliverables, key milestones, resource assignments, and track project progress against each milestone. Humboldt County, NV and Aviat Networks agree to collaboratively review and agree to the project milestones and deliverable dates prior to the execution of any services on the project. A copy of the project schedule will be available upon request in .pdf or .mpp format.

It will be the responsibility of Humboldt County, NV to track and deliver against all Humboldt County, NV internal (including Humboldt County, NV subcontractors) milestones. The overall project plan generated by the Aviat Networks Project Manager will show major deliverable milestones, but not internal milestones of Humboldt County, NV or their contractors. Tracking of Humboldt County, NV and Humboldt County, NV' contractor internal milestones will remain the responsibility of the Humboldt County, NV.

Communications Plan

Establishment of a communications plan will be done in accordance with the principles of project management established by the Project Management Institute (PMI®) unless otherwise agreed to. The plan will involve representatives from Aviat Networks and Humboldt County, NV and any other entities as mutually agreed between the parties for project kickoff meetings, periodic progress meetings, or problem escalations as needed. The plan will include the location and frequency of any such meetings, the format for formal communication and meeting minutes, attendee or distribution lists with contact details, methods of communication, and escalation and management level lists.

Humboldt County, NV will make appropriate staff available for regular consultation and meetings with the Aviat Networks Project Manager. Customer's failure to attend regular meetings or respond to Aviat Networks questions in a timely manner could result in a delay of the project deliverables and a billable change order.

Change Management Plan

Establishment of a change management plan will be done in accordance with the principles of project management established by the Project Management Institute (PMI®) and will include confirmation from Aviat Networks and Humboldt County, NV' understanding of the process. Each party will work closely with the other to manage any scope changes through the term of the project and understand their impact on the project performance from a cost, quality, and schedule perspective. Any such change may be subject to a change order fee and will be communicated to Humboldt County, NV prior to the implementation of the change. Any change order approvals will be submitted in writing. Refer to section 1.2 and Appendix B for more details on change orders.

Quality Standards and Procedures

Quality standards and procedures documents will be provided by Humboldt County, NV prior to execution of this SOW. If no documentation is provided by Humboldt County, NV prior to execution of this SOW, the standards and procedures will default to Aviat Networks best practices guide.

Resource Management Plan

Establishment of a resource management plan will be done in accordance with the principles of project management established by the Project Management Institute (PMI®), identifying principal team members by function, including backup resources (if required).

Closeout Activities

During the project closeout, all quality photos will be reviewed, completion documents will be signed with no exceptions, RMA completed, and final billing and invoicing released. It is recommended that Humboldt County, NV provide Aviat Networks with performance feedback during this time to promote continuous improvement within Aviat Networks.

Humboldt County, NV Responsibilities

Humboldt County, NV shall:

- Provide details of Humboldt County, NV' principal team members by function during the project kickoff meeting.
- Provide details of Humboldt County, NV' single point of contact for Aviat during the project kickoff meeting.

- Provide all other relevant documentation or resources to assist in gathering information not stated in this SOW.
- Provide access to sites, shelters, buildings, enclosures, facilities or any other areas as required.
- Provide updates as necessary of any site readiness issues to be resolved prior to start of work. This includes, and is not limited to, permitting, leasing, zoning, insurance, etc.
- Provide security clearances and/or escorts as required for field survey and installation activities.
- Provide access to pertinent databases, planning requirements, including strategic plans, expansion scenarios, growth projections, introduction of new services and wireless technology.

6. APPENDIX B: NETWORK ENGINEERING

Microwave System and Network Design

The Aviat Networks representative who oversees the network ("Network Engineer") will provide the overall technical direction of the system design and will work with Humboldt County, NV to ensure system integrity, verify that all sub-systems and Aviat Networks furnished OEM equipment is compatible, and that the desired performance of the system is realized.

The network design portion of the project consists of three phases:

1. Preliminary design
2. Final design
3. Design freeze

Preliminary Design Phase

During the preliminary design phase, the Network Engineer will gather data to establish the design criteria and any special Customer requirements that need to be incorporated into the final design. The Network Engineer will review and translate the system configuration into specific hardware requirements. Equipment selection will be based on the requirements, input and requests from Humboldt County, NV, functionality of the equipment, and recommendations from the Network Engineer. Aviat Networks will provide Humboldt County, NV with a summary of the preliminary system design prior to commencing field surveys. All preliminary designs are subject to change. Changes can include, but are not limited to changes based on:

- Survey results.
- Vendor shortages or long lead times.
- Customer requests.
- Engineering recommendations.

Design Finalization Phase

After receipt of the order and the project kickoff meeting, Aviat Networks and Humboldt County, NV enter the design finalization phase. During this phase, the Network Engineer will incorporate any required changes stemming from the path and/or site surveys into the design and confirm the final design details. Changes can include but not limited to:

- Antennas (types, sizes, models, quantities, and mounts).
- Waveguide (types and lengths), waveguide accessories and dehydrators.
- Power systems, cabling, and other material that could not be finalized prior to conducting the field surveys.

During this phase, Humboldt County, NV may also request changes to the system design if the changes fall within the original scope and hours of the projects. Any changes outside of the original scope or agreed schedule are subject to review and acceptance by Aviat Networks to determine the impact and cost on the overall project.

Aviat Networks will provide a formal submission detailing the final system design and equipment list and highlight changes needed to the preliminary design. Humboldt County, NV shall review the data and schedule a meeting, if necessary, to discuss any concerns. If no concerns are noted, it is Humboldt County, NV' responsibility to approve the final design in writing (email is acceptable) before the design is frozen and equipment is placed on order (unless otherwise agreed to in this SOW or with the Project Manager). Any delay in the approval of the final design could result in a delay in material delivery to the field. This might require a review by Humboldt County, NV and Aviat Networks of the project schedule and deadlines.

Design Freeze Phase

As part of the Design Finalization Phase, a date will be set for the design freeze at which the final design and all changes must be approved and accepted by both parties. Following the design freeze, the Bill of Materials and documentation will be submitted to Aviat's factory, and the system will be scheduled for manufacturing. The Network Engineer will concurrently review all design documents and finalize any traffic plans, NMS plans, synchronization plans, traffic cutover requirements, as well as any special factory and field acceptance testing requirements for the project. During the Design Freeze Phase, the design is frozen and no further changes to the system design will be accepted without a formal change order and reevaluation of the project and delivery schedules. Refer to the project schedule for details on the planned start and finish dates for each of these phases.

Deliverables

- The equipment list refers to the final bill of material ("BOM").
- The design freeze package refers to the final path calculations, path profiles, rack profile and system drawings, traffic plans, IP plans, NMS plans, synchronization plans, and/or DC power calculations.

7. APPENDIX C: TRANSMISSION ENGINEERING

Microwave Path Design

The Aviat Networks representative who oversees transmission ("Transmission Engineer") ensures the delivery of the best possible network solution by providing the technical direction for the over-the-path RF performance of Aviat Networks system implementation. All microwave paths designs are preliminary, pending final path surveys and frequency coordination. This includes:

- Antenna selections, antenna centerlines, and antenna mounts.
- Total transmission line lengths.
- Path calculations and profiles.
- The size, type, quantity and configuration of each component.

Equipment proposals are simply a reflection of these preliminary designs and subject to change. It is further understood that any changes to existing or proposed antenna centerlines could justify the need for tower stress analysis or, if modification is impractical, construction of a new tower. Any such requirements will be the responsibility of Humboldt County, NV unless otherwise stated in the Agreement.

If Humboldt County, NV elects not to use Aviat Networks to perform path surveys, the performance of the microwave system will not be guaranteed by Aviat Networks, and it will be up to Humboldt County, NV to resolve any path reliability or obstruction issues. Refer to the Warranty of Path Engineering Services section below for further detail.

If Customer selects Aviat Networks to perform the path surveys, a formal submission detailing the results of the path survey and highlight changes needed to the preliminary design will be submitted to Humboldt County, NV. It is expected that Humboldt County, NV will review the path survey data and schedule a meeting, if necessary, to discuss any concerns or alternate means of providing path continuity/system reliability. If no feedback is received from Humboldt County, NV before the final system design approval, Aviat Networks will assume Humboldt County, NV' acceptance of the survey data, and will immediately proceed with frequency coordination (if applicable).

Microwave Path Survey, Frequency Planning and Licensing

The microwave path survey shall include the following services:

- Identify geographical location of sites and antenna, waveguide length and tower requirements.
- Verify path clearance objectives for each of the paths from existing or new tower locations.
- Document obstruction, critical points, and reflection points in each of the paths.
- Verify tower coordinates and site elevations.
- Establish coordinates and height requirements for new towers, as needed for governmental agency registration and licenses filed by Humboldt County, NV.
- Confirm antenna centerlines and waveguide length requirements. Catalog antennas on the existing structures noting any space limitations in the survey report. An Aviat engineer will review the tower for new antenna design space limitations specific to this project only but will not perform a complete tower audit.

Note: Customer is responsible for frequency coordination, PCN, Licensing, and Antenna Structure Registration forms.

The results of the survey will be utilized by Aviat Networks for preparation of final performance calculations, frequency coordination, government licensing, and tower registration requirements. In the event where Aviat Networks will not be performing the path survey, Humboldt County, NV shall provide all the documents needed for Aviat Networks to complete the frequency coordination, licensing, and final system design. Aviat Networks will not be held accountable for validating the accuracy of the information provided by Humboldt County, NV and assumes no responsibility in any inaccuracies of any part of the path engineering based on the information provided by Humboldt County, NV or any contact affiliated with Humboldt County, NV. Any corrective action required as a result of this will be billed to Humboldt County, NV as a billable change order.

Survey Procedures

Preliminary path profiles are drawn based on the supplied site coordinates and contour information extracted from the best available topographic mapping. A field site survey is conducted to verify site coordinates and elevations based on North American Datum 1983 ("NAD83") and gather information related to the proposed radio equipment and antenna locations, site access, and site development constraints. A field path survey is then conducted to verify path profile elevations, measure all natural and manmade potential obstructions and assess the reflective potential of all natural and manmade surfaces. Antenna centerline heights were calculated for the proposed frequency band by applying suitable clearance criteria based on the propagation characteristics of the geographic area. The path survey report is a representation of the information gathered in the field and as such, reflects a snapshot in time at the time of the survey. It is not intended to show the final as-built configuration if any of the parameters were changed or updated after the survey report has been released.
Path calculation sheets are then generated for each hop, based upon the recommended centerline heights. Antenna sizes and the choice of propagation protection diversity are chosen to meet the required fade margin and the desired path propagation reliability. Propagation outage and reliability calculations are based on the Vigants model (ref. "Space Diversity Engineering", BSTJ, 1/75).

Design Criteria

Path clearance criteria must be established for each path based on total system performance objectives, economic considerations, and careful analysis of local atmospheric conditions derived from published climatological data, where available, and reported microwave transmission experience pertinent to the area. Antenna heights much greater than needed cause an unwarranted increase in system cost, and on paths with significant ground reflections, this can increase the exposure to multipath and ground reflection signal fading. It is desirable to locate the antennas high enough so that even under severe super-standard atmospheric refractive conditions (surface ducting) there is adequate clearance such that signal entrapment does not significantly degrade the fade margin of the path or generate excessive multipath fade activity. The choice of clearance criteria for a microwave path is a balance between cost and performance.

The path clearance criterion as applied to a given geographic area is a function of the degree and direction of atmospheric beam bending and can conveniently be defined by the equivalent earth radius K factor:

$$K = \frac{Effective\ \ Earth's\ \ Radius}{Actual\ \ Earth's\ \ Radius}$$

The median propagation value of K = 4/3 allows the normal microwave horizon to be slightly extended when compared to the optical horizon; however, under certain meteorological conditions (for example, during nighttime super-refractivity usually associated with temperature inversions) the value of K increases to 2 or greater for periods of several minutes to several hours. This increases the path clearance and results in the heavy multipath fade activity seen on some reflective paths and antenna decoupling power fading on others.

Clearance Criteria

The criteria used to design a radio path in regions where the C-factor is equal to or less than 1:

- Main to Main:
  - 100% first Fresnel zone radius over K=4/3, or
  - 60% first Fresnel zone radius over K=1, whichever is greater
- Main to Diversity:
  - 60% first Fresnel zone radius over K=4/3 (Not Applicable)

The criteria used to design a radio path in regions where the C-factor is greater than 1:

- Main to Main:
  - 100% first Fresnel zone radius over K=4/3, or
  - 30% first Fresnel zone radius over K=2/3, whichever is greater
- Main to Diversity:
  - 60% first Fresnel zone radius over K=4/3 (Not Applicable)

Microwave path performance calculations and warranties

The microwave path design models most frequently employed within the industry (e.g., Vigants, and ITU-R P-530) provide a reasonably accurate (and therefore usually guaranteed) estimate of the cumulative time a path will be out of service due to random atmospheric multipath fading under normal atmospheric conditions. **These models do not (and cannot) accommodate abnormal, unusual, anomalous, or otherwise unpredictable conditions of weather or atmospheric refractivity**.

The customer is responsible for Microwave frequency engineering/inter-system interference analysis.

Customer is responsible for Microwave frequency selection

Customer is responsible for Microwave frequency coordination and FCC licensing

Special Considerations

On all microwave radio paths traversing urban areas there exists the possibility of multiple on- and off-path structural reflections which generate long-delayed echoes, as well as terrain scatter RF intra- and inter-system interference. Long delayed, low-level echoes have no effect on digital radio performance; however, the terrain scatter mechanism cannot be accurately predicted nor precisely measured without an extensive and expensive field trial. Consequently, this mechanism is specifically excluded from all current industry-wide path survey and frequency coordination performance guarantees.

The structure supporting the microwave antenna can take many forms. The antenna is most often mounted on a tower but can be mounted on a variety of structures such as roof tripods, penthouse wall, wooden telephone pole, or metal monopole. It is recommended that Customer conduct a structural analysis of the support structure to determine if the structure will support the additional loading imposed by the antenna and its mount. The structure must also meet the twist and sway requirements per EIA/ANSI 222H.

Site Access

Access to work sites will be made available by Humboldt County, NV for a minimum of 10 hours per day, 5 days per week or per the agreed schedule in the project plan. All roads leading to work sites shall not require more than a 4-wheel drive vehicle unless stated otherwise and agreed to by both Humboldt County, NV and Aviat Networks. Any delays or additional cost caused by poor road conditions or site access issues not discussed prior to the start of the surveys will be billed to Humboldt County, NV as a billable change order and could have a negative impact on the project completion schedule.

FCC Rules for Filing Accuracy

CFR 47, Part 1.929 specifies that filing accuracy for site coordinates shall be (+/-) 1" latitude and longitude, and for ground elevation (+/-) 1 meter (3.28 ft.). Part 1.929(k) (covering modification of FCC licenses) specifies that any change in site coordinates >5" latitude or longitude shall require prior authorization and re-coordination. Therefore, wherever our survey results deviate more than (+/-) 5" latitude or longitude, or more than +3.28 ft. site elevation, frequency re-coordination will be recommended.

Terms and Conditions

When Aviat Networks performs reliability calculations or path studies (path profiles from mapping or digitized data only) based solely on information supplied by or on behalf of the Customer, these calculations and studies are provided solely for budgetary purposes and shall not be construed as or be used for an installable design.

When conducting a path survey, Aviat Networks will verify site coordinates and ground elevations, and record trees and man-made fixed obstructions on the path. This information will be recorded on the profile for that particular path. Aviat Networks will assign an appropriate growth factor to tree heights.

Warranty of Path Engineering Services

Aviat Networks warrants that the installed radio communication path will conform to Customer's multipath performance reliability objectives when Aviat Networks has performed the path survey, recommended the path design, and implemented such recommendations. This warranty is for a period of fifteen (15) months from the date of the survey or one (1) year from the date of installation of the microwave path, whichever expires first. All Aviat Networks field activities and path propagation analysis will utilize current hardware, software, engineering practices and judgment with the goal of meeting normal Path Loss, as defined in TIA/EIA Standard RS-252-A.

Aviat Networks is not responsible for paths that it does not survey, nor for changes in path design beyond those specifically allowed in the path survey report or in writing after the field survey is completed, including but not limited to:

- Any change in path design;
- Any movement in site locations;
- Any building or other structure built on-path after date of survey;
- Any disturbance of the terrain which may cause blockage or reflection;
- Any additional frequency interference source;
- Any change of available antenna mounting space on tower.

Any one of these changes listed will nullify the warranty, and the Customer shall in such case bear the total cost of determining that such change was the cause.

Aviat Networks will not be responsible for degraded path performance when such degradation is due to such anomalous propagation conditions as:

- Long-term loss of fade margin due to antenna decoupling misalignment caused by widely varying k-factor changes;
- Long-term loss of fade margin due to atmospheric boundary layering ("ABL") causing wave front defocusing (beam spreading), signal entrapment (blackout fading), ducting, and other such occurrences.
- Excessive rain outage rates beyond the published crane and/or chart data used in the calculation;
- Degradation resulting from certain types of multipath interference attributed to unidentifiable off-path terrain features or structures;
- Any other technological or atmospheric condition not foreseeable through the exercise of prudent engineering knowledge and judgment.

Additionally, Aviat Networks will not be responsible for degraded path performance when:

- Non-Aviat Networks radio equipment is installed on a surveyed path;
- Aviat Networks radio equipment is not installed by Aviat Networks;
- Existing antenna and waveguide system is used without test and inspection performed by Aviat Networks.

Aviat Networks designs the microwave path based upon engineering practices and standards common to the industry. When path loss or reliability objectives are not achieved, Customer's sole remedy, and Aviat Networks' exclusive liability in connection with path engineering, shall be that Aviat Networks will provide incremental labor and material to optimize the antenna system to meet the requirements created during initial installation.

Where anomalous propagation is suspected in an installed microwave path, Aviat Networks will work with the Customer to obtain reasonable evidence that such condition exists. The total retroactive costs for such study shall be the responsibility of the Customer,

and Aviat Networks will provide in-office engineering support at Customer's expense. The cost of relocating towers, antennas, passive reflectors, or other measures required to remedy this type of problem shall be the sole responsibility of the Customer.

Limitations

THE LIMITED WARRANTY CONTAINED IN THIS SOW CONSTITUTES AVIAT NETWORKS' SOLE AND EXCLUSIVE LIABILITY HEREUNDER AND CUSTOMER'S SOLE AND EXCLUSIVE REMEDY FOR DEFECTIVE OR NON-CONFORMING EQUIPMENT, SERVICES, AND SOFTWARE MEDIA OR LICENSED PROGRAMS. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES (EXCEPT AS TO TITLE), WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, ANY IMPLIED WARRANTY OR CONDITION OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OR CONDITION ARISING OUT OF COURSE OF DEALING, COURSE OF PERFORMANCE, OR CUSTOM OR USAGE OF TRADE. CUSTOMER AGREES THAT NO CIRCUMSTANCE CAUSING CUSTOMER'S EXCLUSIVE AND LIMITED REMEDIES TO FAIL IN THEIR ESSENTIAL PURPOSE SHALL INCREASE OR EXTEND ANY AVIAT NETWORKS WARRANTY. THE TOTAL LIABILITY OF AVIAT NETWORKS AND ITS LICENSORS UNDER THIS WARRANTY SHALL IN ANY EVENT BE SUBJECT TO THE LIMITATIONS IN THIS SOW.

ANY WARRANTY CLAIM NOT SENT TO AVIAT NETWORKS IN WRITING DURING THE APPLICABLE WARRANTY PERIOD IS WAIVED BY CUSTOMER. REPLACEMENT EQUIPMENT, SERVICES, SOFTWARE MEDIA AND LICENSED AVIAT NETWORKS PROGRAMS ARE WARRANTED ONLY FOR THE BALANCE OF THE UNEXPIRED PORTION OF THE ORIGINAL WARRANTY PERIOD, IF ANY.

CUSTOMER IS EXPRESSLY NOTIFIED THAT UNDER NO CIRCUMSTANCES SHALL AVIAT NETWORKS BE LIABLE FOR (A) ANY SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY PARTY, INCLUDING THIRD PARTIES, EVEN IF SUCH DAMAGES ARE FORESEEABLE, OR (B) LOSS OF REVENUE, LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF USE, LOST SAVINGS, OR LOST OR CORRUPTED DATA, OR (C) LOSSES RESULTING FROM SYSTEM SHUTDOWN, FAILURE TO ACCURATELY TRANSFER, READ OR TRANSMIT INFORMATION, FAILURE TO UPDATE OR PROVIDE CORRECT INFORMATION, SYSTEM INCOMPATIBILITY OR PROVIDING INCORRECT COMPATIBILITY INFORMATION OR BREACHES IN SYSTEM SECURITY EVEN IF AVIAT NETWORKS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION SHALL APPLY TO ANY CLAIM OR CAUSE OF ACTION WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE, STRICT LIABILITY OR BREACH OF WARRANTY).

IN NO EVENT SHALL AVIAT NETWORKS' TOTAL LIABILITY TO CUSTOMER OR ANY PARTY CLAIMING THROUGH CUSTOMER EXCEED THE LESSER OF ONE HUNDRED THOUSAND UNITED STATES DOLLARS ($100,000.00 USD) OR THE ACTUAL SALES PRICE PAID BY CUSTOMER FOR ANY EQUIPMENT, SOFTWARE OR SERVICES SUPPLIED UNDER THIS SOW.

THIS SECTION SHALL SURVIVE THE TERM OR EXPIRATION OF THE AGREEMENT. CUSTOMER AGREES TO INDEMNIFY, DEFEND, AND HOLD HARMLESS AVIAT NETWORKS AGAINST ALL LOSS OR LIABILITY FROM CLAIMS BY CUSTOMER OR A THIRD PARTY ARISING OUT OF OR RELATING TO CUSTOMER'S INSTALLATION, OPERATION, OR MISUSE OF THE EQUIPMENT OR LICENSED PROGRAMS, WHETHER ON ACCOUNT OF NEGLIGENCE OR OTHERWISE.

8. APPENDIX D: PROJECT ENGINEERING

Microwave Site Design

The Aviat representative overseeing implementation ("Project Engineer") will perform field site surveys to verify that telecommunications equipment can be installed, powered and commissioned effectively at each site, antennas, waveguide and accessories can be connected to radios (towers, shelters and buildings), and Customer traffic, alarms and dehydrator lines are fully engineered.

Microwave Site Survey

The microwave site survey is intended to gather data and identify the gap(s) between the site's present state and the site readiness for equipment installation, document any visible issue with the existing infrastructure and equipment that would pose a quality or safety issue during installation, gather environmental data and requirements for telecommunication equipment to function properly (including but not limited to HVAC, temperature, humidity, the general state of the facility as well as seismic evaluation and compliance if required), record flooring, ceiling, racking data and requirements to mount new equipment (including floor plans, relay rack profiles, aisle numbering plans, and ceiling hangers, ladders, and anchor materials required to meet quality and safety standards.

The survey is also intended to record AC, DC, grounding (as is and to be), and breaker assignments and ensure power and grounding standards are met, identify demarcation types and location between new and existing equipment as well as the type of termination and the details required to terminate to the Customer provided equipment, identify existing radio equipment (fixed and mobile) as well as their operating frequencies, record existing waveguide, dehydrator component and their associated cabling, identify all required or existing tower structures, mounting structures, antenna mounting types, waveguide ladder systems, entryway into telecom shelters, and energy sources.

The results of the survey will be published and released in a site survey report and will be utilized by Aviat Networks for preparation of final power calculations, waveguide requirements, field OEM requirements, installation specifications, field test plans, and traffic cutover plans. In the event where Aviat Networks will not be performing the site survey, Humboldt County, NV shall provide all the documents needed to Aviat Networks to complete the site engineering and final system design. Aviat Networks will not be responsible for validating the accuracy of the information provided by Humboldt County, NV and assumes no responsibility in any inaccuracies of any part of the site engineering and microwave site design when such design is based on the information provided by Humboldt County, NV or any contact affiliated with Humboldt County, NV. Any corrective action required as a result of this will be billed to Humboldt County, NV as a billable change order.

Site Access

Access to work sites will be made available by Humboldt County, NV for a minimum of 10 hours per day, 5 days per week or per the agreed schedule in the project plan. All roads leading to work sites shall not require more than a 4-wheel drive vehicle unless stated otherwise in this SOW and agreed to by both Humboldt County, NV and Aviat Networks. Any delays or additional cost caused by poor road conditions or site access issues not discussed prior to the start of the surveys will be billed to Humboldt County, NV as a billable change order and may have a negative impact on the project completion schedule.

Field Installation Management

Aviat Networks will manage the day-to-day activities of the field installation with support from Humboldt County, NV to ensure the project remains on schedule as per the agreed project schedule.

9. APPENDIX E: INSTALLATION, INTEGRATION & TESTING

The installation, integration, and testing services include design-supported methodologies, product expertise, and field-proven processes to help ensure a quality installation and testing of critical system paths and hardware so that the network performs according to its design. Aviat Networks will designate a primary point of contact to answer any Humboldt County, NV questions, provide guidance, and address issues specific to this service.

This SOW is based on an Aviat Networks standard installation schedule of 10-hour days, 5 days per week. Aviat Networks will adjust this SOW for work week schedules outside of Aviat Networks' standard. Installation work performed during maintenance windows is not included in this SOW unless specifically identified. All work will be done in accordance with Aviat Networks' best practices guide.

Scope

Delivery of this service will utilize the design documentation developed as part of the planning and design phase. Field crews will utilize this documentation to:

- Install antenna systems
- Install transmission lines
- Install indoor microwave equipment and components
- Perform antenna alignment
- Perform system integration
- Perform system testing

System implementation is predicated upon completion of civil construction and complete site readiness. Antenna, waveguide and equipment installation activities will be performed at the same time on a per-site basis. As part of the delivery of this service, Aviat Networks may choose to integrate equipment at the manufacturer's location to minimize onsite installation time and provide a common point for quality assurance inspections. If staging areas are utilized as part of the project, equipment and materials will be delivered from these facilities to site by the installation crews. ***It is recommended that Humboldt County, NV provide maintenance technicians during any service affecting work***.

Site Access

Access to work sites will be made available by Humboldt County, NV for a minimum of 10 hours per day, 5 days per week or per the agreed schedule in the project plan. All roads leading to work sites shall not require more than a 4-wheel drive vehicle unless stated otherwise is this SOW and agreed to by both Humboldt County, NV and Aviat Networks. Any delays or additional cost caused by poor road conditions or site access issues not discussed prior to the start of the installation, integration or testing services will be billed to Humboldt County, NV as a billable change order and could have a negative impact on the project completion schedule.

Site Services

All work permits, public agency approvals, leasing agreements, zoning permits or inspections required at each site, soil analysis, foundation design, civil documentation for existing shelters or towers, architectural blueprints, plot plans, structural analysis for new or existing antenna systems, location of all site boundaries and features (including locating and marking tower location, true North, property boundaries, paved areas, landscaping, fences and any other underground/overhead obstruction which could interfere with construction and access), and/or other related documentation for this project will be obtained, conducted, completed and made available to all parties involved prior to the start of any installation, integration or testing services. All other construction and installation work will be conducted in accordance with local city, county, state, and government laws and regulations.

All equipment including radios, antennas and racks will be stored by the Customer in a secure location at the site or at a designated location. Humboldt County, NV shall be responsible for the loss of any equipment, tools, or personal belongings from any secured location provided or monitored by Humboldt County, NV.

Installation

Humboldt County, NV shall verify that each site is ready for installation and commissioning activities, including Humboldt County, NV supplied equipment installation and power up prior to the start of any such services and shall be responsible for any delay caused or cost incurred due to sites not being ready, as stated in the project scope of this SOW.

An inspection will be performed with Humboldt County, NV after completing the physical installation. Workmanship deficiencies will be noted on a punch list for immediate correction. This inspection is not intended to verify operation of the new system or suitability of components, but rather to inventory and document that all equipment and materials from the schedule of values are installed to acceptable workmanship quality standards. Site drawings will be reviewed and red-lined to reflect the installed condition.

Testing

Test crews will begin work immediately after installation is complete. Testing, based on a standard set of Aviat Network test cases, will be performed on all provided equipment to confirm configuration, operation and manufacturer's specifications. Test data will be recorded on field test sheets, by technical field personnel who will also be responsible for documenting test results and any changes made to the design documentation.

The test crews will be trained on the equipment and utilize test equipment to perform all tests. Test equipment will have valid calibration certifications, which can be verified prior to commencing any tests. It is recommended that Humboldt County, NV take the opportunity to have their maintenance technicians witness or participate in field commissioning testing to gain on-the-job training and experience on the new system components.

Commissioning tests will consist of a set of standard Aviat Networks test cases and include turn-up and performance verification tests and circuit tests to verify end-to-end continuity and equipment operation as well as any other tests documented in the field acceptance test plan. The field acceptance test plan shall be approved and agreed to by Aviat Networks and Humboldt County, NV prior to test execution. Test results will be recorded on field test data sheets and submitted to Humboldt County, NV. Refer to the field acceptance test document for details on the test to be performed.

System tests will be performed on a logical section/loop of the system. The system tests will be designed to demonstrate performance and functionality of system features as-well as end-to-end operation of individual circuits/services. System test results will establish benchmark system performance and operation prior to cut-over and acceptance. The test data sheets prepared during commissioning and system testing will become the base line document for maintenance and performance evaluation of the system over an extended period of time. Humboldt County, NV will be required to review the commissioning and acceptance testing and results and red-lined drawings and provide approval of the data and authorization to proceed with cut-over activities.

Traffic Cut-over

All cut-over activities will be the responsibility of Humboldt County, NV.

Safety

The health and safety of all individuals, whether in the field, plant or office, takes precedence over all other concerns. Management's goal is to prevent accidents and to reduce personal injury and occupational illness and comply with all safety and health standards. A code of safe conduct is important to the efficiency of operations. To the greatest degree possible, Humboldt County, NV will provide physical safeguards required for personal safety and health in keeping with the highest standards. Aviat Networks requires a written report from Customer for all accidents and incidents, no matter how small.

Safety and first aid material and supplies will be provided to all Aviat Network construction and installation personnel or made available at each site for the duration of this project. All safety and first aid material will be stocked at acceptable levels and will not have exceeded the expiration dates where applicable. Humboldt County, NV will be responsible for providing Aviat Networks with the location and phone numbers of all local emergency agencies.

10. APPENDIX F: ASSUMPTIONS & EXCLUSIONS

The following assumptions will govern the delivery of the project management service:

- This SOW and associated pricing are based on Humboldt County, NV completing all items set forth in this SOW as being Humboldt County, NV responsibility to ensure site readiness.
- Any inaccuracies in FCC data may drive additional services costs during field implementation. In addition, any other troubleshooting tasks related to frequency interference issues that are not directly attributable to Aviat Networks are subject to additional service fees at rates defined in this SOW.
- All equipment interconnections or termination points, unless specified otherwise, are estimated to be fifty (50) feet. This project does not include any cabling between buildings, rooms, or floors, unless specifically identified in this SOW.
- Customer provided construction drawings will have sufficient details for Aviat engineering to order antenna mounting or any other related material required. Any re-engineering to provide correct mounts or material required by Aviat Networks may increase cost to Humboldt County, NV.

Unless otherwise stated in this SOW, the services provided by Aviat in this SOW shall be subject to the following terms:

- Aviat shall not be responsible for managing Humboldt County, NV project responsibilities and deliverables.
- This SOW is a listing of roles and responsibilities to be provided by Aviat Networks. Aviat Networks shall not be responsible for the condition of existing equipment, or the deficiencies of non-Aviat Networks provided labor. Only the labor addressed in this SOW shall be provided by Aviat Networks.
- On-site technicians will decline any Humboldt County, NV request for work outside the scope of work defined and agreed upon in this SOW unless it is addressed in a change order.
- Aviat Networks proprietary documentation used by service delivery teams to perform this service is not available to Humboldt County, NV.
- Aviat shall not provide proprietary information on methods, procedures, or tools to perform the services in this SOW.
- Aviat shall not perform any and services that are not specifically described within this SOW as being provided by Aviat Networks.
- Aviat Networks will not be responsible for the resolution of other vendor issues affecting the completion of the cutover. Aviat Networks can provide guidance and support to Humboldt County, NV in resolving interoperability issues, where applicable.
- Aviat shall not repair equipment not in the engineering drawings. Equipment requiring repair that is not included in the engineering drawings but is still under warranty must follow Aviat's repair and return procedures.
- Additions or changes to ironwork, cable racks, or fiber ducts are not included and can be quoted separately after site visit information is collected
- AC power drop wiring within three (3) feet of DC power plants is excluded, unless specifically quoted

11. APPENDIX G: FIELD CHANGE ORDER PROCEDURE

Any change to the proposed system configuration, the number of sites, type of equipment, type of services, project responsibilities, or any other change to this SOW will be considered as a change in scope and will be subject to the following process:

- The Customer or Aviat Networks identifies a change of project scope of work.
- Aviat Networks Project Manager or Network Engineer will submit a proposed field change order authorization or an amendment to this SOW containing documentation of the proposed additional activity and an additional cost.
- An authorized Customer representative shall review and approve the field change order authorization or the amendment to this SOW in writing prior to changes to the scope of work being started.

Aviat Networks
200 Parker Drive, Suite C100A
Austin, Texas 78728
Phone: (512) 582-4600
Fax: (512) 582-4605

CHANGE ORDER FORM

Humboldt County, NV
Humboldt County, NV - Three links of IRU600 11 GHz
NA231130-58437

This amendment hereby modifies and amends the Statement of Work ("SOW") between Aviat, U.S., Inc. ("Aviat Networks") and Humboldt County, NV ("Customer") entered into on [insert SOW effective date here] as follows:

The following products and services are hereby <added/deleted> to the SOW at the specified prices. All other terms and conditions of the SOW remain unchanged.

Customer:	Humboldt County, NV	Contract #:	
Phone:		Contract Date:	
Fax:		Change Order #:	
Email:		Aviat SO #:	

Line #	Description	QTY +/(-)	Unit Price	Ext Price +/(-)
1				
2				
3				
4				
5				
6				
7				
8				
9				
			Subtotal Booking	$
			Tax (as applicable)	$
			Freight	$
			Other	$
			TOTAL THIS CHANGE	**$**

Aviat U.S., Inc.		**Humboldt County, NV**	
Approved By:		Approved By:	
Print Name:		Print Name:	
Title:		Title:	
Date:		Date:	

12. STATEMENT OF WORK SIGN-OFF

Humboldt County, NV
Humboldt County, NV - Three links of IRU600 11 GHz
NA231130-58437

Aviat Networks and Humboldt County, NV agree that this SOW will govern the scope, roles, and responsibilities associated with the delivery of this project.

The parties also agree that material changes to the project scope or deviations from the assignment of responsibilities between Aviat Networks and Humboldt County, NV shall require a change order or amendment to the project schedule.

Aviat U.S., Inc.		**Humboldt County, NV**	
Approved By:		Approved By:	
Print Name:		Print Name:	
Title:		Title:	
Date:		Date:	

13. PROJECT COMPLETION SIGN-OFF

Complete one page for every site.
Humboldt County, NV
Humboldt County, NV - Three links of IRU600 11 GHz
NA231130-58437
<Site Name>

Equipment:

The Aviat Networks supplied microwave equipment has been completely installed and tested and has been accepted for traffic use with the following exceptions:

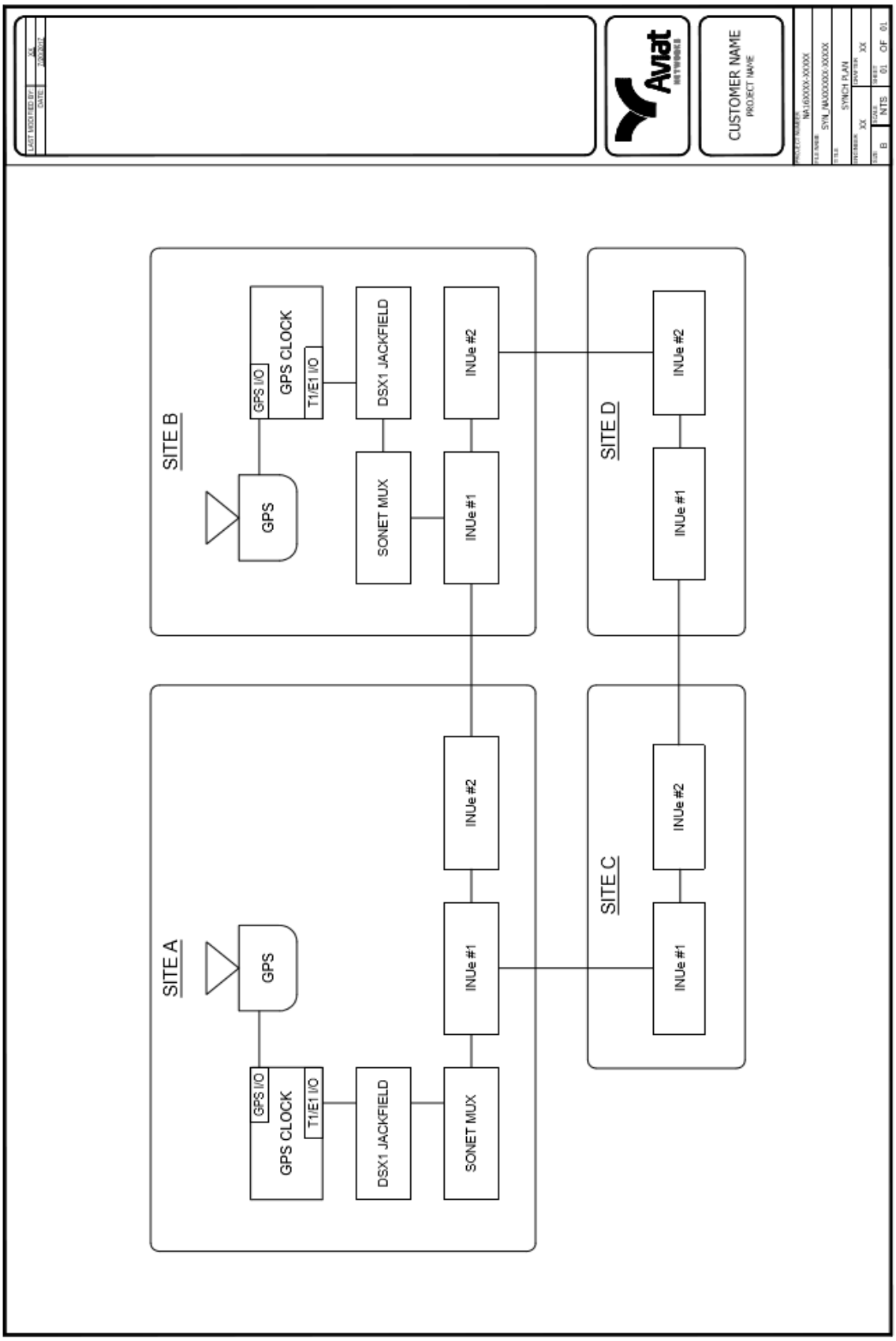
Exceptions (use additional sheets if required):

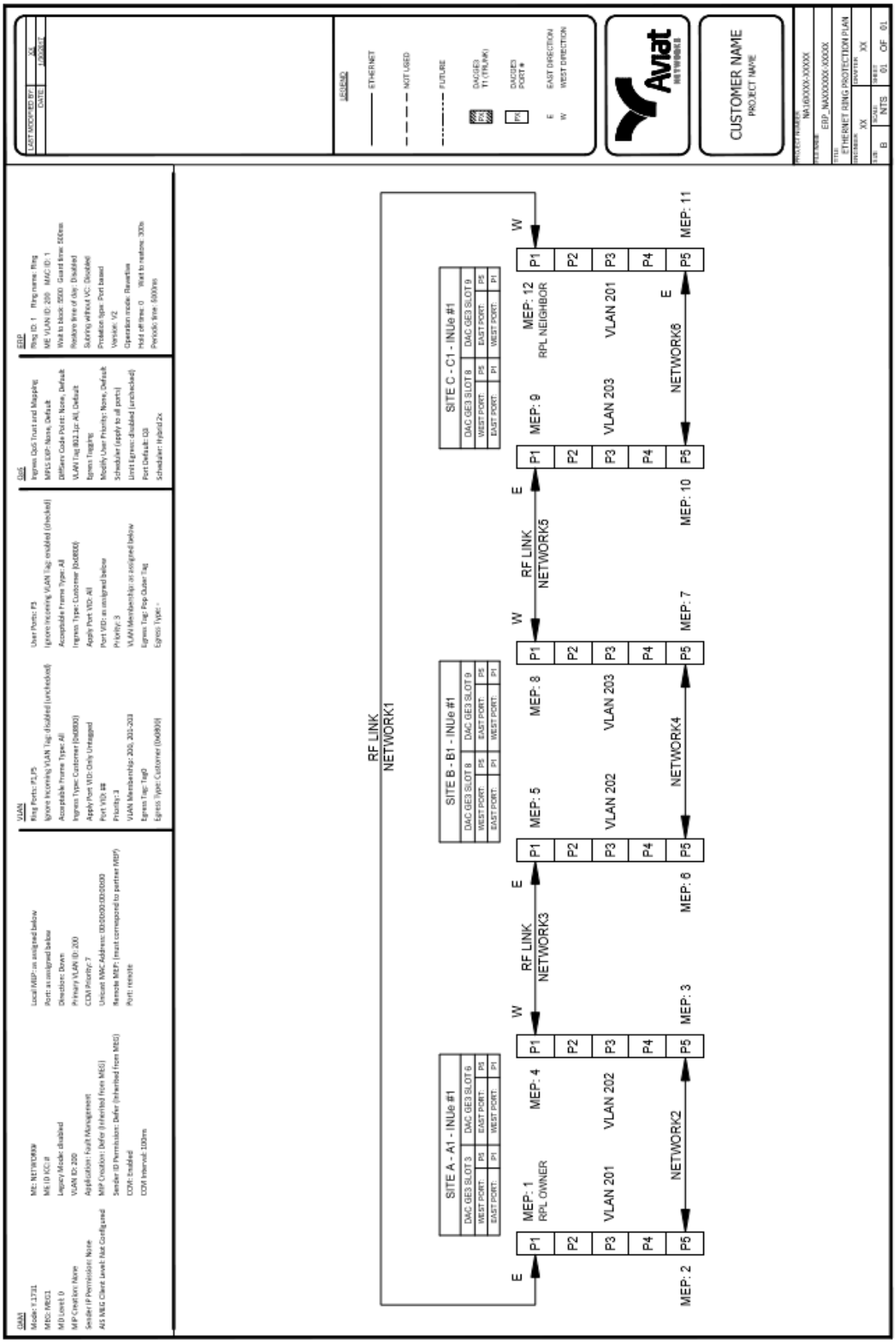
Please call Aviat's customer service hotline at 1-800-227-8332 for service, equipment repair, training or miscellaneous sales or visit Aviat's customer service website at http://www.aviatnetworks.com.

Aviat U.S., Inc.		**Humboldt County, NV**	
Approved By:		Approved By:	
Print Name:		Print Name:	
Title:		Title:	
Date:		Date:	

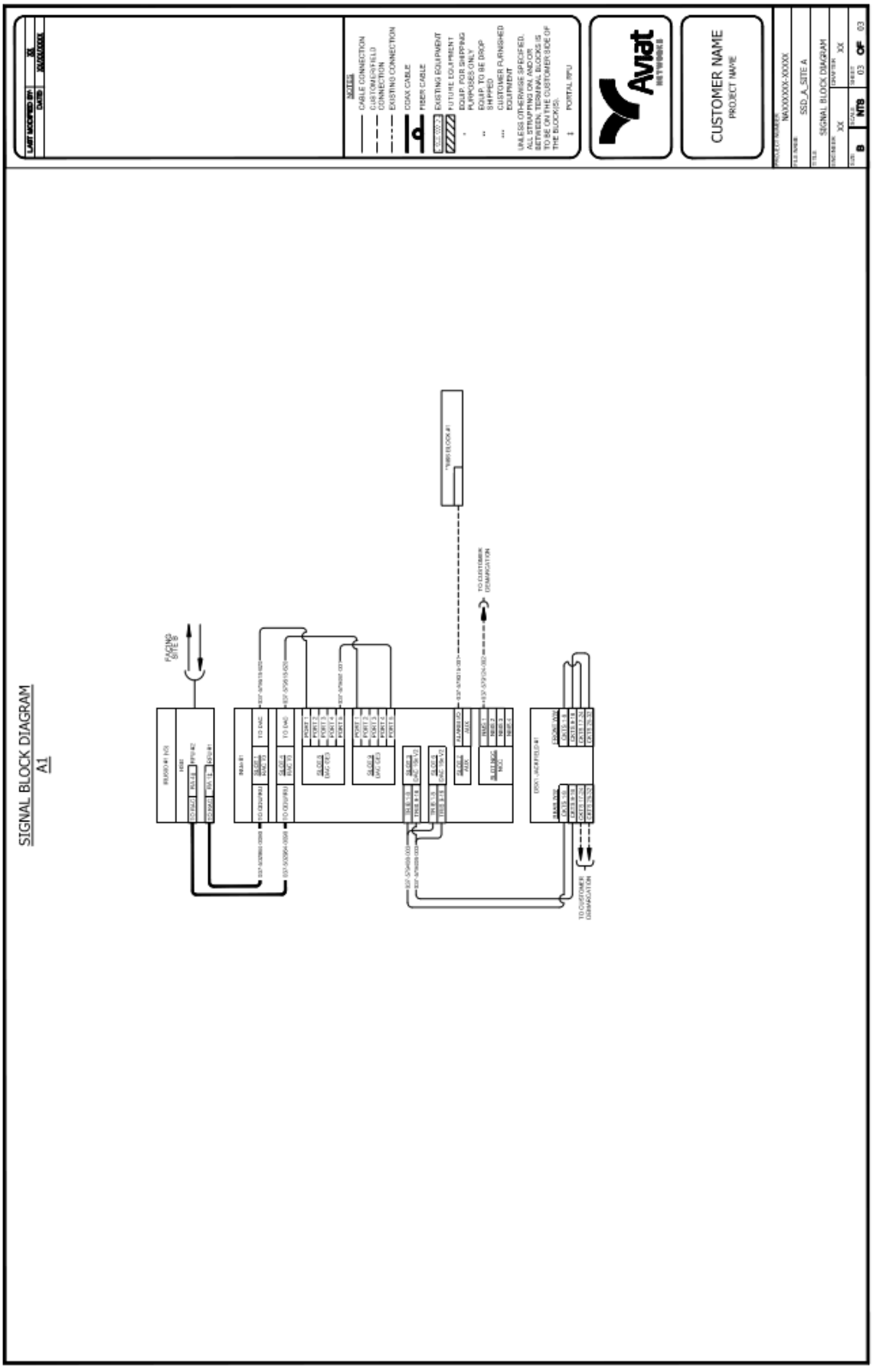
14. Aviat Standard Drawings

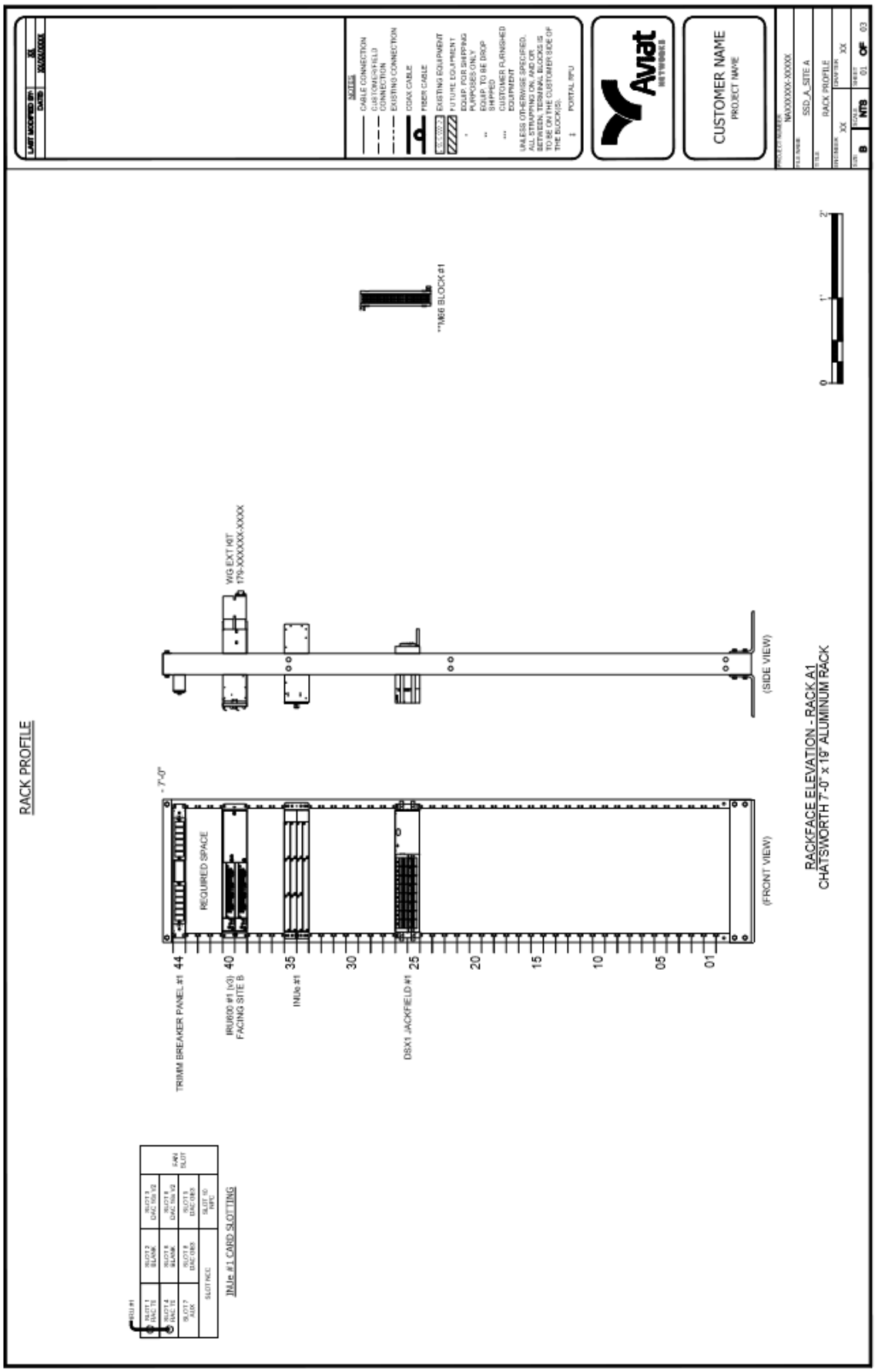
Synch Plan





Ethernet Ring Protection plan (ERP)


SIGNAL BLOCK DIAGRAM
A1
CUSTOMER NAME
PROJECT NAME
SSD_A_SITE A
SIGNAL BLOCK DIAGRAM
NTB
03
OF 03


RACK PROFILE
RACK/FACE ELEVATION - RACK A1
CHATSWORTH 7'-0" x 19" ALUMINUM RACK
(FRONT VIEW)
(SIDE VIEW)
REQUIRED SPACE
7'-0"
TRIMM BREAKER PANEL #1
IRU600 #1 (x3)
FACING SITE B
INUe #1
DSX1 JACKFIELD #1
WG EXT HOT
179-XXXXXX-XXXX
**M66 BLOCK #1
JNUe #1 CARD SLOTTING
NOTES:
CABLE CONNECTION
CUSTOMER FIELD CONNECTION
EXISTING CONNECTION
COAX CABLE
FIBER CABLE
EXISTING EQUIPMENT
FUTURE EQUIPMENT
EQUIP. FOR SHIPPING PURPOSES ONLY
EQUIP. TO BE DROP SHIPPED
CUSTOMER FURNISHED EQUIPMENT
UNLESS OTHERWISE SPECIFIED, ALL STRAPPING ON, AND OR BETWEEN, TERMINAL BLOCKS IS TO BE ON THE CUSTOMER SIDE OF THE BLOCK(S).
PORTAL RPU
CUSTOMER NAME
PROJECT NAME
NAXXXXXX-XXXXX
SSD_A_SITE A
RACK PROFILE
B
NTB
01
OF
03

Sample Power Calculations

Eclipse Packet Node Power Consumption Calculation
Proposal #: NA130208-50689
Date: November 20, 2014
Network Engineer: M. Del Fierro

Site Name: Princeton

RFU / Module Type	Consumption	Manual Entry Qty
IRU600 1+1 High Power	124 W	1
RAC 60E	12 W	2
DAC GE V3	13 W	1
DAC 16X	2.5 W	2
NPC	8 W	1
INU or INUe	13 W	1
TOTAL		**187.00 W**

Total AMPS @ 48Vdc: **3.90 A**

Additional Equipment Load

Description	Consumption	Qty
TOTAL		**0.00 W**

Additional AMPS @ 48Vdc: **0.00 A**

Station Load (Amps)	**3.90 A**
Recharge Time (Hours)	24
Battery Reserve (Hours)	8
Ampere-Hour Multiplier	8.0
Termperature Correction Factor	1

Min. Battery Plant Size (AMP-HRS) **31**
Min. Charger System Size (AMP Rating) **5**

WATTS to BTU/HR **794**
(incl. charger and equipment)

NOTE: Dehydrators operate with AC power

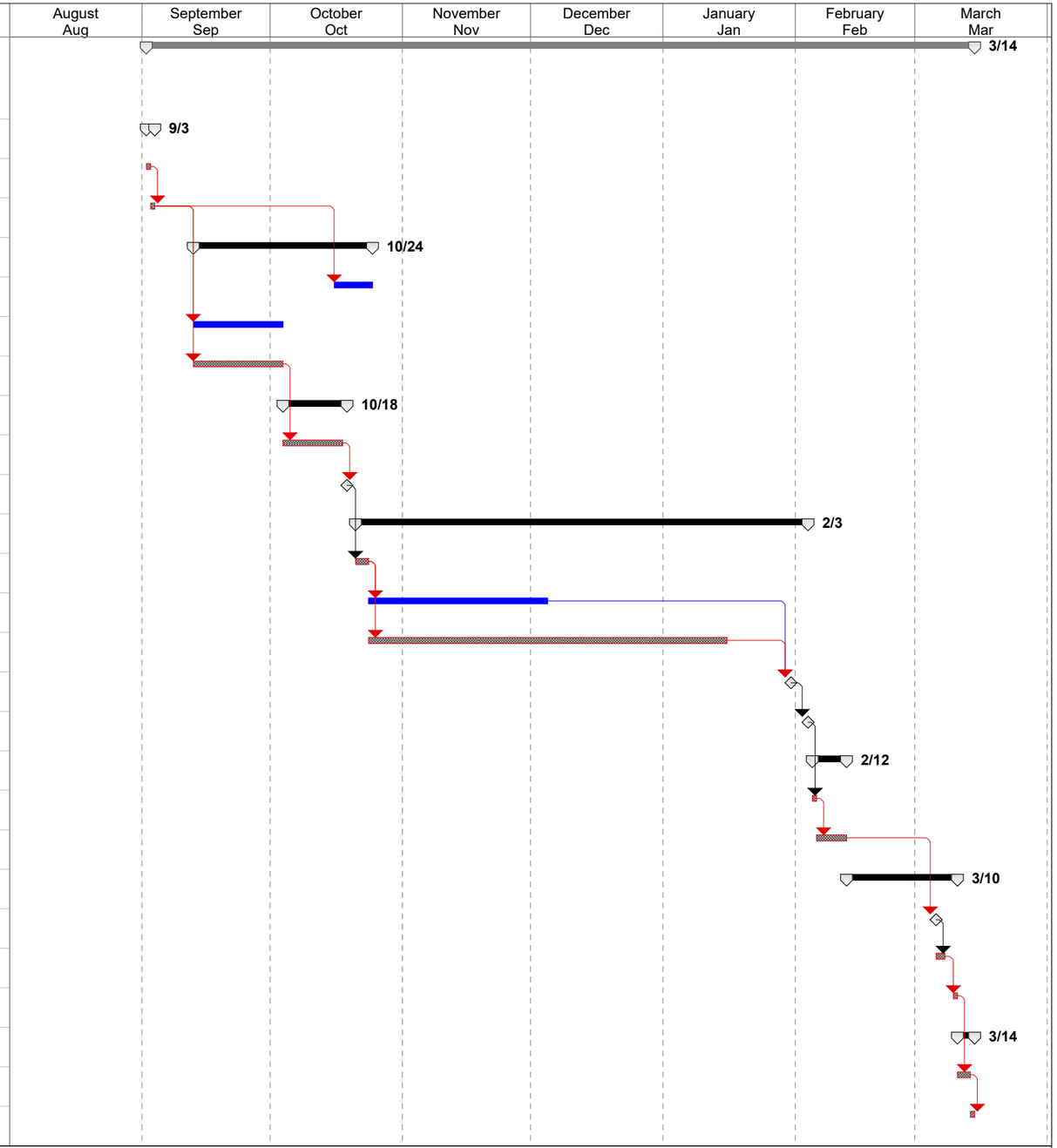
Hours Reserve⟹	2	4	6	8	12	24	
Amp-Hour multiplier⟹	2.8	4.7	6.4	8.0	10.9	19.3	
Temperature F(Deg)⟹	0	10	20	40	60	70	77
Correction Factor⟹	2.0	1.85	1.59	1.3	1.11	1.04	1.0

Battery Size (Min) = Station Load X Amp-Hour Multiplier X Correction Factor
Charger Size (Min) = (1.15 X Battery Size / Recharge Time) + Station Load

Sample IP Plan

EQUIPMENT				ACCESS & CONFIGURATION												Additional Radio			DATES			STATUS	
SITE NAME	Site Address	Vendor	Comparant	Telnet	SSH	HTTP	SNMP/SNMI	Craft Interface	Terminal Server	Device IP Address	Device Ethernet Subnet Mask	User ID (Admin)	Password (Admin)	Enable Secret (Admin)	Access Roles/URL	System Name (Hostname if GNN)	Read SNMP Comm. String	Write SNMP Comm. String	Peer Site Name Radio A (Far End Radio Site)	Peer Site Name Radio B (Far End Radio Site)	Display Name (Provision Name)	Device Matrix Date	Provision Insertion	Launch Date	Element Update Date	Element Status	Current SW Revision	Device in Provision
Princeton		Aviat	Eclipse	NA	NA	Yes	Yes	Yes	NA	10.0.0.1	255.255.255.240 (/28)	default	default	default			terminal	terminal	Turquoise			11/20/2014						N/A
Turquoise		Aviat	Eclipse	NA	NA	NA	Yes	Yes	NA	10.0.0.17	255.255.255.240 (/28)	default	default	default			terminal	terminal	Princeton			11/20/2014						N/A
Turquoise		Asentria	SiteBoss 5550-6	NA	NA	Yes	Yes	NA	NA	10.0.0.18	255.255.255.240 (/28)	default	default	default			public	private		Tennessee Pass		11/20/2014						N/A
Tennessee Pass		Aviat	Eclipse	NA	NA	NA	Yes	Yes	NA	10.0.0.33	255.255.255.240 (/28)	default	default	default			terminal	terminal	Turquoise			11/20/2014						N/A
Tennessee Pass		Asentria	SiteBoss 5550-6	NA	NA	Yes	Yes	NA	NA	10.0.0.34	255.255.255.240 (/28)	default	default	default			public	private				11/20/2014						N/A

ID	Task Name	Duration	Total Duration	Start	Finish	Predecessors
0	**NA231130-58437 CSI Telecommunications 3 Hops**	**140 days**	**183 days**	**Mon 9/2/24**	**Fri 3/14/25**	
1	**Project Start-Up**	**2 days**	**2 days**	**Mon 9/2/24**	**Tue 9/3/24**	
2	Award/Purchase Order Date	1 day	1 day	Mon 9/2/24	Mon 9/2/24	
3	Customer Kick-off meeting	1 day	1 day	Tue 9/3/24	Tue 9/3/24	2
4	**Field Surveys and Frequency Coordination**	**30 days**	**37 days**	**Fri 9/13/24**	**Thu 10/24/24**	
5	Frequency Coordination and PCN	7 days	7 days	Wed 10/16/24	Thu 10/24/24	3FS+30 days
6	Path Surveys and Reports	15 days	15 days	Fri 9/13/24	Thu 10/3/24	3FS+7 days
7	Site Surveys and Reports	15 days	15 days	Fri 9/13/24	Thu 10/3/24	3FS+7 days
8	**Network Design**	**11 days**	**11 days**	**Fri 10/4/24**	**Fri 10/18/24**	
9	Design Finalization Phase	10 days	10 days	Fri 10/4/24	Thu 10/17/24	7
10	Design Freeze	1 day	1 day	Fri 10/18/24	Fri 10/18/24	9
11	**Factory and OEM Procurement**	**76 days**	**105 days**	**Mon 10/21/24**	**Mon 2/3/25**	
12	Production Release	3 days	3 days	Mon 10/21/24	Wed 10/23/24	10
13	Radio Build	30 days	30 days	Thu 10/24/24	Wed 12/4/24	12
14	OEM Procurement	60 days	60 days	Thu 10/24/24	Wed 1/15/25	12
15	SIPQ Factory Integration	10 days	10 days	Fri 1/17/25	Thu 1/30/25	13FS+1 day,14FS+1 day
16	Factory Acceptance Testing (FAT)	2 days	2 days	Fri 1/31/25	Mon 2/3/25	15
17	**Equipment Ship and NTP for Installation**	**6 days**	**6 days**	**Wed 2/5/25**	**Wed 2/12/25**	
18	Equipment Packaging and Shipment	1 day	1 day	Wed 2/5/25	Wed 2/5/25	16FS+1 day
19	Material On-Site	5 days	5 days	Thu 2/6/25	Wed 2/12/25	18
20	**Installation**	**18 days**	**18 days**	**Thu 2/13/25**	**Mon 3/10/25**	
21	Field Installation	15 days	15 days	Thu 2/13/25	Wed 3/5/25	19
22	Site Walks and Punch list Clearing	2 days	2 days	Thu 3/6/25	Fri 3/7/25	21
23	Project Acceptance	1 day	1 day	Mon 3/10/25	Mon 3/10/25	22
24	**Project Closeout**	**4 days**	**4 days**	**Tue 3/11/25**	**Fri 3/14/25**	
25	Closeout Package Finalization	3 days	3 days	Tue 3/11/25	Thu 3/13/25	23
26	Close-out Submittal	1 day	1 day	Fri 3/14/25	Fri 3/14/25	25



Project: NA231130-58437 CSI Telecom
Date: Thu 6/13/24

Critical	Task Progress	Summary Progress	Inactive Task	Manual Summary Rollup
Critical Split	Baseline	Summary	Inactive Milestone	Manual Summary
Critical Progress	Baseline Split	Project Summary	Inactive Summary	Start-only
Task	Baseline Milestone	External Tasks	Manual Task	Finish-only
Split	Milestone	External Milestone	Duration-only	Deadline

Section 3: Price

A. Aviat Networks Detailed Price Spreadsheet

AVIAT NETWORKS
200 Parker Drive, Suite C100A
Austin, TX 78728
Phone: (512) 265-3680
Fax: (512) 827-0350
www.aviatnetworks.com

3A. Aviat Networks Detailed Price Sheet

AVIAT U.S., INC.
200 Parker Drive, Suite C100A
Austin, TX 78728

Company **Humboldt County, NV**
Contact Mike DeTullio

Proposal Number	:	NA231130-58437
Proposal Date	:	6/14/2024
Issue No	:	G
Territory Manager	:	Ali Hirsa
System Engineer	:	
Sales Engineer	:	Mauricio Martinez
Terms	:	Per State of NV 99SWC-NV21-8211
Delivery	:	7 to 9 Weeks ARO
Expiration	:	90 Days
Currency	:	USD
Freight	:	Prepaid & Bill, Destination

Aviat Networks Confidential and Proprietary Information

Humboldt County, NV - Three links of Eclipse IRU600 11 GHz

ITEM	EQUIPMENT LIST DESCRIPTION	PRODUCT CODE PART NUMBER	UNIT PRICE	SYSTEM QTY	SYSTEM PRICE	Winnemucca Mtn. QTY	Winnemucca Mtn. PRICE	Double H QTY	Double H PRICE	Eagle Creek QTY	Eagle Creek PRICE	McDermitt QTY	McDermitt PRICE	Spares QTY	Spares PRICE	Services QTY	Services PRICE
1.000	**Eclipse Products**																
1.100	**IRU600v4**																
1.101	IRU600v4 RF Section Assembly, MHSB/SD, TX Switch, IF TR SP-HP 11 GHz, Filter-non ACCP, 80 MHz	EV207-AMB-AM0-418000	$12,577	4	$50,308			1	$12,577	2	$25,154	1	$12,577				
1.102	IRU600v4 RF Section Assembly, MHSB/SD, TX Switch, Main, IF TR EHP 11 GHz,ACCP, 80 MHz	EV207-AEB-AE0-428000	$22,588	2	$45,176	1	$22,588	1	$22,588								
1.103	Waveguide Extension Kit, IRU600 V3, 11 GHz, SH1-PO1, 1+0/MHSB, 2 Ant, MHSB/SD	179-530135-AA123	$563	4	$2,252	1	$563	1	$563	1	$563	1	$563				
1.104	Waveguide Extension Kit, IRU600 V3, 11 GHz, SH2-PO2, 1+0/MHSB, 2 Ant, MHSB/SD	179-530135-BB223	$1,635	2	$3,270			1	$1,635	1	$1,635						
1.105	Waveguide Extension Kit Bracket, 2nd shelf	179-530089-001	$174	2	$348			1	$174	1	$174						
1.200	**Eclipse INUe**																
1.201	Eclipse, Intelligent Node Unit 2RU, including IDCE, Fan, NCCV3, High Output	EXX-000-205	$960	4	$3,840	1	$960	1	$960	1	$960	1	$960				
1.202	Eclipse, Node Protection Card, High Output	EXS-002	$213	4	$852	1	$213	1	$213	1	$213	1	$213				
1.203	Eclipse, RAC 70, QPSK-4096 QAM, No XPIC, ACM	EXR-700-002	$598	12	$7,176	2	$1,196	4	$2,392	4	$2,392	2	$1,196				
1.204	Eclipse, DAC GE3 Gigabit Ethernet Switch Card	EXD-181-002	$675	8	$5,400	2	$1,350	2	$1,350	2	$1,350	2	$1,350				
1.205	Eclipse, Aux, Alarm I/O Card	EXA-001	$187	4	$748	1	$187	1	$187	1	$187	1	$187				
1.206	Bracket Kit, 2RU (179-530064-001_R001)	179-530064-001	$7	4	$28	1	$7	1	$7	1	$7	1	$7				
1.300	**Eclipse INUe Software Licenses**																
1.301	Node Software License, 400 Mbps Total Radio Payload Capacity	EZE-08006	$3,000	2	$6,000	1	$3,000					1	$3,000				
1.302	Node Software License, 800 Mbps Total Radio Payload Capacity	EZE-08007	$4,243	2	$8,486			1	$4,243	1	$4,243						
1.303	Adaptive Modulation, Nodal, RAC60/6X/60E/6XE/70	EZF-02	$1,050	4	$4,200	1	$1,050	1	$1,050	1	$1,050	1	$1,050				
1.304	IRU600 600 Nodal High power option 2 x RFU	EZF-62	$1,800	2	$3,600			1	$1,800			1	$1,800				
1.305	IRU600 600 Nodal High power option 4 x RFU	EZF-64	$3,600	1	$3,600					1	$3,600						
1.400	**Eclipse Accessories**																
1.401	Optical SFP, Gigabit Ethernet, 850nm, MMF, LC, 550m, 0 to 70C	079-422662-001	$40	8	$320	2	$80	2	$80	2	$80	2	$80				
1.402	Cable, Protection / Bridging, GE3, Direct Fit, 500mm	037-579461-500	$62	4	$248	1	$62	1	$62	1	$62	1	$62				
1.403	Cable, Alarm I/O, HD15, 24 AWG, Wire wrap, 10 m (037-579315-001V)	037-579315-001	$105	4	$420	1	$105	1	$105	1	$105	1	$105				
2.000	**Spares**																
2.001	RFU, MP, IRU600v4 IF TR, 10.5-11 GHz, 10500-11700 MHz	ERM-ACC-401	$4,500	1	$4,500									1	$4,500		
2.002	RFU, EHP, IRU600v4 IF TR, 11 GHz, 10700-11700 MHz	ERE-ABB-401	$6,900	1	$6,900									1	$6,900		
2.003	Fan Tray Kit, IRU600v4 (2 Fan Trays per Kit)	179-531050-001	$572	1	$572									1	$572		
2.004	Eclipse, Intelligent Node Unit 2RU, including IDCE, Fan, NCCV3, High Output	EXX-000-205	$960	1	$960									1	$960		
2.005	Eclipse, Node Protection Card, High Output	EXS-002	$213	1	$213									1	$213		
2.006	Eclipse, RAC 70, QPSK-4096 QAM, No XPIC, ACM	EXR-700-002	$598	1	$598									1	$598		
2.007	Eclipse, DAC GE3 Gigabit Ethernet Switch Card	EXD-181-002	$675	1	$675									1	$675		
2.008	Eclipse, Aux, Alarm I/O Card	EXA-001	$187	1	$187									1	$187		
2.009	Optical SFP, Gigabit Ethernet, 850nm, MMF, LC, 550m, 0 to 70C	079-422662-001	$40	1	$40									1	$40		
3.000	**Antennas and Accessories**																
3.001	Antenna, 10/11 GHz, 1.2m (4ft), Sentinel, HP, Remote Mount, Dish (Std: White), 10.125 - 11.700 GHz, Radome (Std: Gray), Dual Pol., Class III+/FCC101A, Single Piece Reflector	AND-SHPX4-11W-6WH	$2,308	4	$9,232			1	$2,308	2	$4,616	1	$2,308				
3.002	Antenna, 10/11 GHz, 1.8m (6ft), Sentinel, UHP, Super High XPD, Remote Mount, Dish (Std: White RAL9016), 10.0-11.7 GHz, Radome (Std: Gray), CPR090G, Dual Pol., Class IV/FCC105A/107A, Single Piece Reflector	AND-USX6-11W-6WH	$3,985	8	$31,880	2	$7,970	3	$11,955	2	$7,970	1	$3,985				
3.003	Termination Load, Waveguide, 10/11 GHz, CPR90G	AND-112614-100	$309	12	$3,708	2	$618	4	$1,236	4	$1,236	2	$618				
3.004	Strut, Inboard Side Kit for 3ft, 4ft and 6ft Microwave Antennas (VSTRUT-P3KIT)	086-000011-002	$200	12	$2,400	2	$400	4	$800	4	$800	2	$400				
3.005	Universal Pipe Mount Kit with pen face taper adjustment for round or 60° angle, legs up to 8" or 6", 90° angle legs, 4-1/2" X 96" (114.3 mm x 2.4m) antenna mounting pipe, strut attachment brackets for 3 1/2" OD pipe	179-530147-001	$2,431	12	$29,172	2	$4,862	4	$9,724	4	$9,724	2	$4,862				
4.000	**Elliptical Waveguide and Accessories**																
4.100	**EW90 (11 GHz) Elliptical Waveguide and Accessories**																
4.101	Elliptical Waveguide, Standard, 10.2-11.7 GHz, Black PE Jacket, per foot (EW90-F)	AND-EW90-F	$7	1315	$9,205	190	$1,330	495	$3,465	380	$2,660	250	$1,750				
4.102	EW90 Install Kit (one kit per waveguide run) (EW90INSTALL-KIT)	AND-EW90INSTALL-KIT	$934	12	$11,208	2	$1,868	4	$3,736	4	$3,736	2	$1,868				
4.200	**Dehydrators & Accessories**																
4.201	Waveguide Dehydrator, 200SCFD, 120VAC, 0.3-7.5 PSI, Rail Mounting included (P210WLP)	NSM-P210WLP	$7,657	4	$30,628	1	$7,657	1	$7,657	1	$7,657	1	$7,657				
4.202	Wall Mount Kit, P210WLP	NSM-P017460	$423	4	$1,692	1	$423	1	$423	1	$423	1	$423				
4.203	KIT-P210WLP Series, 48VDC	NSM-P017435	$1,369	4	$5,476	1	$1,369	1	$1,369	1	$1,369	1	$1,369				
4.204	Distribution Manifold, 4 port,0-15.0 psig, 25ft of tubing per port, wall mountable	AND-6600D-4	$508	4	$2,032	1	$508	1	$508	1	$508	1	$508				
5.000	**Services**																
5.100	**Factory Services**																
5.101	Radio Integration	SVCS-IN-SIPQ-RI	$7,443	1	$7,443											1	$7,443
5.200	**Engineering Services**																
5.201	Program Management	SVCS-IN-PM-PM	$20,808	1	$20,808											1	$20,808
5.202	Network Engineering	SVCS-PN-EN-SE	$6,671	1	$6,671											1	$6,671
5.203	Transmission Engineering-Path Surveys	SVCS-PN-EN-XE	$14,566	1	$14,566											1	$14,566
5.204	Configuration Engineering	SVCS-IN-SS-CEDFT	$2,694	1	$2,694											1	$2,694
5.205	Drafting	SVCS-IN-SS-CEDFT	$1,730	1	$1,730											1	$1,730
5.300	**Field Services**																
5.301	Project Engineering	SVCS-IN-SS-PE	$10,289	1	$10,289											1	$10,289
5.302	Project Engineering-Site Surveys and Reports	SVCS-IN-SS-PE	$10,483	1	$10,483											1	$10,483
5.303	Field Install (Antenna Systems)	SVCS-IN-IC-AS	$130,917	1	$130,917											1	$130,917
5.304	Field Install (LMR Antennas)	SVCS-IN-IC-AS	$14,901	3	$44,702			1	$14,901	1	$14,901	1	$14,901				
5.305	Field Install (Radios and its integration into the existing PV NMS)	SVCS-IN-IC-FI	$36,651	1	$36,651											1	$36,651
5.400	**Aviat Care**																
5.401	IRU600 Warranty Plus, 36 Months from Factory Shipment	SNA-BWXXA1003638	$480	12	$5,760	2	$960	4	$1,920	4	$1,920	2	$960				
5.500	**Freight**																
5.501	Freight to Winnemucca, NV 89445	FREIGHT	$8,475	1	$8,475											1	$8,475
	Grand Total (Excluding Applicable Taxes)				**$598,739**		**$59,326**		**$109,988**		**$99,295**		**$64,759**		**$14,645**		**$250,727**

This sales quotation and any resulting Customer order ("Order") are subject to Aviat Networks standard terms and conditions of sale ("Conditions"), which are available at the following web site: http://www.aviatnetworks.com/media/files/AVWN_STCS.pdf. However, if an Order is issued under or in connection with an applicable master agreement between Aviat and Customer (an "Existing Agreement"), then the Existing Agreement will govern and control the Order.

Section 4: Equipment Specification Sheets

A. Aviat Networks Eclipse Packet Node INU/INUe Datasheet
B. Aviat Networks IRU600 Data Sheet
C. Aviat Networks Eclipse MTBF Reliability Report
D. Aviat Networks Eclipse User Manual
E. OEM Specification Sheets
1) Antenna
2) Waveguide

Aviat NETWORKS



Eclipse

INTELLIGENT NODE UNIT

DATASHEET [ANSI]

FIPS VALIDATED 140-2 [2]

The Eclipse™ Intelligent Node Unit (INU) is a highly modular and scalable indoor unit that delivers a unique combination of high capacity hybrid or all-packet transport, Carrier Ethernet/IP networking, and comprehensive Mission Critical Microwave features, enabling operators to prepare for the all-IP future.

Modular true hybrid system

A highly modular architecture which provides maximum protection of your investment. As your network and traffic requirements change over time, modules can be easily added to support additional radio directions or to change the traffic mix to facilitate the smooth migration from native TDM to advanced Carrier Ethernet/IP without any disruption.

Mission critical platform

Eclipse supports Mission Critical Microwave applications through a fully redundant architecture, with a variety of radio protection possibilities.

Strong security

Protection of your mission-critical data is imperative in today's world. Strong Security on the Eclipse platform is designed to provide peace of mind for those operators who need that extra level of security.

FIPS 140-2 compliant, payload encryption, RADIUS, TLS1.2 support and software integrity check, enables up-to-date protection of your data and management traffic.

From native DS1, E1/T1 and OC3 to complete L2 Ethernet features with either SFP or electrical interfaces.

Redundancy and protection is assured on both Eclipse and radio levels with redundant cards, MHSB, FD and SD configurations.

System Parameters

General		Per link	Per node
Throughput/Capacity Range	Native Carrier Ethernet/IP [1]	10-940 Mbit/s	5.64 Gbit/s
	Native TDM	7 - 127x DS1	127x DS1
		1, 3, 4x DS3	6x DS3
		1, 2x OC-3	2x OC3
Fixed Modulation Options	Fixed		QPSK, 16, 32, 64, 256, 512, 1024, 2048 and 4096 QAM
Adaptive Modulation	Modulation Options		QPSK, 16, 32, 64, 256, 512, 1024, 2048 and 4096 QAM
Co-Channel Operation with XPIC	Optional		>20dB XPOL improvement
Adaptive Equalization			24 tap T/2 spaced feed-forward filter

Ethernet Specifications		
Ethernet Standards Compliance	Ethernet	IEEE 802.3
User Ports, per Data Access Card (DAC)		3x 10/100/1000BaseT, 1x 2500BaseT Electrical, 2x SFP Optical or Electrical
Networking Protocols		IPv4 and IPv6
Switch Capacity		5x 1Gbit/s user ports + 6x backplane ports
Maximum Frame Size		10000 bytes bi-directional
Throughput Acceleration	Frame Size Dependent	IFG & Preamble Suppression
Traffic Prioritization		Per port based prioritization
VLAN Support		IEEE 802.1Q, 802.1ad (Q-in-Q)
Flow Control		IEEE 802.3x
Link Aggregation		802.1AX LAG, L1LA (proprietary)
OAM		IEEE 802.1ag / ITU-T Y.1731
Monitoring	Port and Channel Status	Performance Graphs, RMON-1, Port and Channel

TDM Specifications		
Interfaces per Data Access Card (DAC)	NxDS1	1 to 16x 1.544 Mbit/s (DS1)
Multiple DACs of the same or different kind can be used per shelf	NxDS3	1 to 3x 44.736 Mbit/s (DS3)
	DS3 Mux	2x DS3 to 2x28x DS1 Mux, channelized
	NxOC3 Optical or Electrical	1 or 2x 155.52 Mbit/s (OC3)
	OC3 Mux	1x OC3 to 84x DS1 Mux

TDM Interface Standards	
DS1, DS3	ITU-T Rec. G.703, G.823
OC3, Electrical / Optical	ITU-T Rec. G.703, G.825 / ITU-T Rec. G.957, G.825

Protection	
Link Protection Options	Hot-Standby, Space or Frequency Diversity
Ring/Network Protection Options	Resiliant Wireless Packet Ring (RWPRTM), IEEE 802.1w RSTP ITU-T G.8032 ERP
User Line Interface Protection	1+1[3]: Ethernet, OC3, DS3, DS1

Security Compliance	
Security and Encryption	Optional FIPS 197 validated, 128/256-bit AES encryption Optional FIPS 140-2 Level 2 validated

Synchronization	
Synchronization Options	Synchronous Ethernet (G.8262)
	IEEE 1588v2 frames passed transparently
	DS1 Line clock

Standards Compliance	
EMC	FCC CFR 47 Part 15, ICES-003
Operation	EN 300 019, Class 3.2
Safety	UL 60950-1, UL 62368-1
NEBS	GR-1089-CORE, GR-63-CORE
Electric power substations	IEEE 1613

Mechanical, Environmental		
Plug-in card slots		INU: 4; INUe: 10
Rack Height		INU: 1RU; INUe: 2RU
Operating Temperature	Guaranteed	-10° to +55° C (14° to +131° F)
Humidity	Guaranteed	0 to 95%, non-condensing

Fault and Configuration Management		
Secure Management	Encryption	AES-128/192/256 3DES 168Bit
Local/remote Configuration Tool		Eclipse Portal
Network Management		Aviat Networks ProVision™

All specifications are typical values unless otherwise stated, and are subject to change without notice.

[1] Maximum Ethernet Throughput is for one 80MHz RF channel, single polarization, for 64 byte frame sizes. Corresponding Airlink base capacity is 366 Mbit/s.

[2] A Certification Mark of NIST, which does not imply product endorsement by NIST, the U.S. or Canadian Governments.

[3] Protection not supported in case of using INU (1RU) and RAC70.

Disclaimer

This material is for informational purposes only and does not constitute a legal obligation to deliver any product, feature or functionality and should not be relied upon in making purchasing decisions. All specifications are guaranteed values, at room temperature (20 to 30ºC, 68 to 86ºF), referenced to the ACU antenna port (including ACU losses) unless otherwise stated, and are subject to change without notice. The development, release and timing of any features or functionality described for our products is at Aviat Networks' sole discretion.

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Aviat NETWORKS



IRU 600

ALL-INDOOR MICROWAVE RADIO

DATASHEET [ANSI]

FIPS VALIDATED 140-2

DISA DODIN APL CERTIFIED

When you can't sacrifice reliability for high capacities, the Aviat IRU 600 represents the ultimate high performance, reliability, flexibility, and the highest capacity solution for Mission Critical applications. The IRU 600 is the industry's most secure all-indoor radio, with market-leading system gain to enable smaller antennas and lowest TCO.

Highest Power Digital Radio Ever

IRU 600 incorporates the very latest in RF technology to enable break-through RF performance with highest reliability. It's Extra-High Power (EHP) and Ultra High Power (UHP)[4] options support more transmitter power than any alternative solution, extending path distances, unlocking more capacity, and enabling smaller, less expensive antennas to be used to reduce tower related costs.

Highest Capacity

The IRU 600 incorporates the latest features to enable multi-gigabit capacity links, including support for wide channels, 4096QAM modulation, XPIC, ACCP and advanced Layer 1 Link Aggregation for multi-channel bonding, and now 6+11 GHz Multi-Band options, which all result in link capacities that are 3x higher or more than previous product technologies.

Tough, Durable and Secure

The IRU 600 is the most secure microwave radio on the market today and with FIPS 140-2 validation, mission critical networks are always protected. Tough, durable, and dependable, and now, thanks to a new upgrade with the latest in RF technology, IRU 600 is prepared for the data demands of mission critical networks of the future.

PROUDLY MADE IN THE USA

Comprehensive platform coverage, including support for FCC, NTIA and ISED Canada frequency bands, and for all-IP, all-TDM (native or PWE), or hybrid TDM+IP applications.

Ultra-high transmit output power with EHP option, up to +39 dBm, and up to +38 dBm with 11 GHz[4] or 5 times more than high power than previous generation products.

Flexible and configurable radio configuration options, including expansion ports to suit every network need and ensure easy future scalability/expansion.

System Parameters

System	5.8 GHz	L6 / U6 GHz	FCC 7 GHz	7 GHz	8 GHz	10.5 GHz	11 GHz
Frequency Range (GHz)	5.727.5 - 5.847.5	5.925 - 6.425, 6.425 - 6.930	6.875 - 7.125	7.125 - 7.750	7.750 - 8.500	10.500 - 10.680	10.700 - 11.700
TR-Spacings Supported (MHz) Non-standard T-R options supported with spot tuned filters)	≥65	150, 160, 170, 180, 240, 252.04, 266, 340, 345	150	150, 175, 300	300, 360	65	490, 500
Standard Frequency Assignments Supported per Regulatory Plans	FCC Part 15.407 RSS-247, Issue 2	FCC Part 101, SRSP 305.9, SRSP 306.4	FCC Part 74, 101	NTIA Red Book, SRSP 307.1	NTIA Red Book, SRSP 307.7 SRSP 308.2	FCC Part 101, SRSP 310.5	FCC Part 101, SRSP 310.7

General		
Frequency Band options		5.8, L6, U6, FCC 7, 7, 8, 10.5 and 11 GHz
Modulation and Coding Options	Fixed and Adaptive	QPSK, 16, 32, 64, 128, 256, 512, 1024, 2048 and 4096 QAM
Channel Sizes Supported		3.75, 5, 10, 12.5, 20, 25, 30, 40, 60 and 80 MHz
Capacity Support	Airlink Capacity Ethernet / IP Throughput Native TDM	8-716 Mbit/s 15-940 Mbit/s 5 to 127 DS1, 2xOC3, 6xDS3

Electrical and Mechanical

Power Consumption for 1+0 SP/HP unit									
Typical dBm (unless stated)	32.0	31.0	29.5	29.0	28.0	25.0	21.0	20.0	TX Muted
5.8 GHz	NA	NA	NA	62W	NA	55W	NA	48W	43W
L6/U6/FCC 7 GHz	62W	NA	NA	NA	NA	55W	NA	48W	43W
7/8 GHz (guaranteed)	NA	62W	NA	NA	58W	NA	54W	NA	43W
10.5/11 GHz	NA	NA	60W	NA	NA	55W	NA	48W	43W

Power Consumption for 1+0 EHP unit											
Typical dBm (unless stated)	37.5	36.0	35.0	34.0	33.0	32.0	27.5	27.0	26.0	25.0	TX Muted
L6 GHz	113W	NA	NA	95W	NA	85W	77W	NA	NA	NA	46W
U6/FCC 7 GHz	119W	NA	NA	102W	NA	90W	80W	NA	NA	NA	46W
7 GHz	NA	116 W	NA	NA	99 W	NA	NA	NA	87W	NA	43W
8 GHz	NA	NA	116 W	NA	NA	99W	NA	NA	NA	87W	43W
11 GHz	NA	NA	NA	NA	97W	NA	NA	87W	NA	NA	46W

Size / Weight (1+1 configuration)		SP/HP units	EHP units
ACU+Chassis+2RFU (includes waveguide terminator)	2RU 3.5 in x 19 in x 16.25 in (88 mm x 482 mm x 412 mm)	32.5 lb (14.7 kg)	33.9 lb (15.4 kg)
Chassis+2 RFU	2RU 3.5 in x 19 in x 12 in (88 mm x 482 mm x 304 mm)	28.0 lb (12.7 kg)	29.5 lb (13.4 kg)

Antenna Interface	5.8/L6/U6/FCC 7 GHz	7/8 GHz	10.5/11 GHz
ACU Main / Expansion Antenna Port Interface	CMR-137	CMR-112	UG 39
Extension Kit Antenna Port Interface (near top of rack)	CPR-137G	CPR-112G	CPR-90G

Environmental		
Operating Temperature	Guaranteed	-10° to +55° C (14° to +131° F)
Humidity		0 to 95%, non-condensing
Altitude		15,000 ft (4,500 m) AMSL

Standards Compliance	
EMC	FCC CFR 47, Part15, ICES-003
Operation, Storage, Transportation	EN 300 019, Class 3.2 EN 300 019, Class 1.2 EN 300 019, Class 2.3
Safety	UL 62368-1 CAN/CSA C22.2 No. 62368-1-14
Electric Power Substations [1]	IEEE 1613
Radio Frequency	FCC Part 15.407, ISED RSS-247, Issue 2 (5.8 GHz only), FCC CFR47, Part 101, ISED Canada's SRSPs (L6 to 11GHz)
NEBS [2]	GR-1089-CORE,GR-63-CORE
Security (with INUe)	FIPS 197 validated (Certificate #C5) FIPS 140-2 validated (Certificate #4187)
DoDIN APL Certification (with INUe)	APLITS Tracking Number: 2032201

IF Specifications		
IF Frequency	Transmit/Receive	311 MHz/126MHz

IF Specifications		
IF Cable Length		1000 ft (300 m) max (limitation apply)
Test Point	RSSI Monitoring Point TX Monitoring Port	Test Points female SMA female

Emission Designators	MHz									
	3.75	5	10	12.5	20	25	30	40	60	80
QPSK	3M75G7W	5M00G7W	10M0G7W	12M5G7W	20M0G7W	25M0G7W	30M0G7W	40M0G7W	60M0G7W	80M0G7W
QAM	3M75D7W	5M00D7W	10M0D7W	12M5D7W	20M0D7W	25M0D7W	30M0D7W	40M0D7W	60M0D7W	80M0D7W

Transmitter Specifications		
Transmit Power Tolerance		-0 +1 dB
Transmitter Source		Synthesized
Frequency Stability		±5 ppm
Manual Transmitter Power Control Range		Configurable in 0.1 dB steps from min to max power levels (Refer to TX Power Specifications) Resolution: 0.1 dB
Automatic Transmitter Power Control	Range Resolution / Speed	Configurable over full available manual attenuation range 0.1 dB steps / 6 dB per second
Synthesizer Resolution		5 KHz
Channel Selection		By softwarecontrol withintuning range of RFU
Transmitter Mute		> 50 dB

Receiver Specifications		
Receiver Source		Synthesized
Frequency Stability		±5 ppm
Receiver Overload	BER = 1E-6 No damage	-22 dBm 0 dBm
Residual (Background) Bit Error Rate		Better than 1E-13
RSSI Accuracy [3]	-40 to -70 dBm, +0 to +35°C -25 to -85 dBm, -10 to +55°C	± 2 dB ± 4 dB

EHP L6 and U6 unpaired frequencies usage: see the Eclipse User Manual – for "Small non-standard T/R spacings".

[1] Complies with the exception of clause 3.1.1 (operational temperature range) and clause 10 (device cooling).

[2] IRU 600v4 complies in all areas except for R9-16 and R10-5, GR-1089-CORE. INU complies in all areas except for R10-5, GR-1089-CORE and R4-34, O4-35, O4-36, GR-63-CORE.

[3] RSSI accuracy applies when there is no potential interferer signal present within +/- 10MHz of the Rx. Frequency.

[4] UHP radio specifications are not final, values may change once the radio is released.

Disclaimer

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ECLIPSE RELIABILITY AND MTBF

ETSI/ANSI

April 2021

EXECUTIVE SUMMARY

This Product Reliability Report presents mean time between failure (MTBF) data prepared in accordance with Telcordia TR-322, Issue 6, December 1997.

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- LINK RELIABILITY 5

REFERENCE DOCUMENTS

1. Product Reliability Methodology, Aviat Networks
2. Guidelines for Calculation of Product MTBF and Reliability, Aviat Networks, IRD-DES013
3. TelCordia (Bellcore) Reliability Prediction Procedure for Electronic Equipment, TR-332, Issue 6, Dec 1997 and/or SR-332 May 2001
4. Non-electronic Parts Reliability Data 1995, Reliability Analysis Center (RAC), NPRD-95

SOURCE DATA AND ASSUMPTIONS

The part failure rates used in this prediction are from TR-332, and NPRD-95 RAC Non –electronics Parts Reliability Data.

This reliability prediction is based on the high quality commercial parts used in the Eclipse product. The mechanical and electromechanical components were from NPRD-95 RAC Non-electronic Parts Reliability data. The environment was assumed to be Ground Benign (40°C) for the INU and Ground Fixed (50°C) for the ODU.

ECLIPSE RELIABILITY DEFINITIONS

Reliability information is presented in the form of MTBF values for the Eclipse field replaceable units, including indoor equipment and modules, and complete ODU assemblies.

All reliability information is based upon an ambient external temperature of 25°C. Where average annual temperature of operation is consistently above this temperature the reliability may be less than that indicated. Several MTBF values are presented:

CALCULATED MTBF

Calculated or predicted MTBF is determined according to Bellcore methods (see Source Data and Assumptions, above).

ANTICIPATED MINIMUM FIELD MTBF

Anticipated minimum field MTBF is the MTBF value that will be based upon measured field returns for installed equipment. The anticipated field MTBF is determined by taking a 3x multiple of the predicted values.

Aviat Networks compiles statistics for field returns and actual measured MTBF on a global basis. This information can be supplied upon request.

ECLIPSE MTBF VALUES

INU MODULES

Assembly	Minimum Field MTBF, Years
Indoor Chassis (IDC)	930
Indoor Chassis Extended (IDCe)	603
Network Controller Card (NCC)	162
Node Protection Card (NPC)	237
AUX Card (AUX)	408
NCM Card	366
Radio Access Card, RAC60E/6XE	240
Radio Access Card, RAC 70/7X	378
Data Access Card, DAC 16x v2, v3	612
Data Access Card, DAC 3xE3	1110
Data Access Card, DAC 1x155o	218
Data Access Card, DAC 2x155o	134
Data Access Card, DAC 1x155oM	330
Data Access Card, DAC GE3	432

Note 1. 1RU and 2RU FAN cards are routine maintenance items and should be replaced every 3 years.

OUTDOOR RADIO FREQUENCY UNITS (ODU)

Assembly	Minimum Field MTBF, Years
ODU 600 v1, v2	47.1

INDOOR RADIO FREQUENCY UNITS[2] (IRU)

Assembly	Minimum Field MTBF, Years
IRU 600sp (Version 2)	96
IRU 600hp (Version 2)	80
IRU 600 (Version 3)	118
IRU 600 (Version 4)	164
IRU 600 EHP (Version 4)	120

Note 2. IRU600 MTBF does not include the removable FAN module, which is a routine maintenance item and should be replaced every 3 years.

NODE RELIABILITY

Eclipse provides a new node-based architecture that supports a variety of simple and complex site architectures in a single INU or INUe. The resulting nodal reliability is improved over other systems that comprise of an IDU for each radio path. The actual MTBF of a node is dependent on the arrangement chosen.

INU/INUE-BASED TERMINAL RELIABILITY

The Eclipse INU and Extended INU (INUe) both support a modular architecture that can be populated with a variety of system and interface modules, which can be arranged in a non-protected or protected configuration (depending on the module).

All modules are treated in series for purposes of MTBF/MTBO calculations. Note that the FAN card is not included in the calculation as this is a routine maintenance item, subject to regular replacement.

For example, in a non-protected system equipped with both a Gigabit Ethernet and NxE1/DS1 tributary cards the overall terminal MTBF is an addition of the component modules of the INU and the ODU:

$$MTBF = 1/((1/MTBF_{IDC}) + (1/MTBF_{NCC}) + (1/MTBF_{DAC\ GE3}) + (1/MTBF_{DAC16x}) + (1/MTBF_{RAC}) + (1/MTBF_{ODU}))$$

Eclipse INU terminal reliability is shown in the following table for non-protected configurations for example purposes.

Assembly	Anticipated Minimum Field MTBF, Years
IDC+NCC+RAC60+DACGE3+ ODU600	30

Eclipse INU terminal reliability can be improved by using the optional NPC to duplicate the NCC functions.

LINK RELIABILITY

Link reliability is simply obtained by halving the terminal MTBF data provided above.

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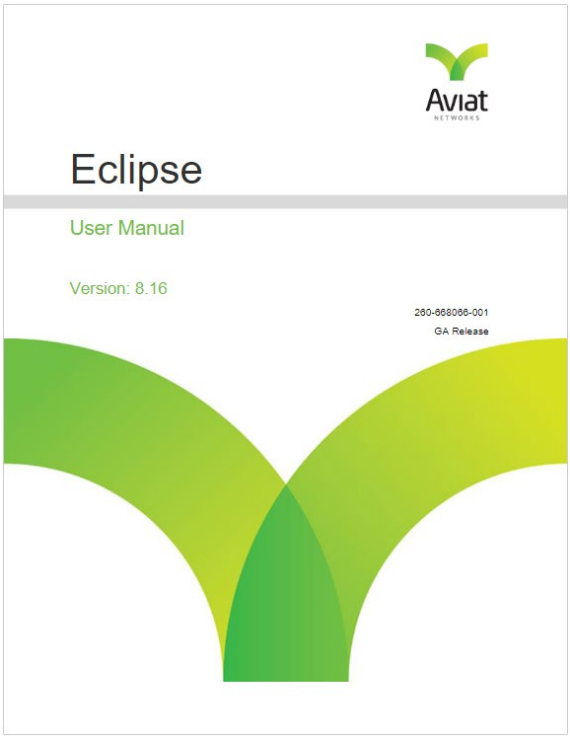
Equipment Specification Sheets

Aviat Networks Eclipse User Manual

Use the link below to access a downloadable Aviat Eclipse User Manual.

Should you require the digital file, please advise and Aviat will send using an alternative method. It is a 36MB .pdf or 21MB .docx file and will require an internet file share/ transfer interface.



Eclipse Rel 8.16 User Manual 2023-JUL-21

Section 5: System Warranty and Services Information

A. Aviat Networks Global Support Services (GSS) Guidelines
B. AvatCare Protect and Maintain

AVIAT NETWORKS GLOBAL SUPPORT SERVICES (GSS) GUIDELINES

October 2022

Version 6.1



Latest version of this document is available in the AviatCare section, “Aviat Resource Center” portal at: www.aviatcloud.com

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1. EXECUTIVE SUMMARY

This document describes the Aviat Networks warranties, services, policies, and processes. It is intended to provide general guidelines for engaging and if required expediting technical assistance, hardware repair/replacement support and facilitate the restoration of operations of a customer's network environment. If a conflict exists between the provisions of this document and those in any **AviatCare** Support Agreement or other contractual agreement entered with Aviat Networks, then the **AviatCare** Support Agreement or other contractual agreement shall prevail.

2. AVIAT NETWORKS WARRANTY POLICIES

Each piece of equipment, services and software purchased from Aviat Networks carries with it a commitment of excellence backed by Aviat Networks' industry-leading warranty policy. All Aviat Networks warranties apply to the Customer or Original Owner also referred to as the end user.

2.1. EQUIPMENT, SERVICES AND SOFTWARE WARRANTY COVERAGE MATRIX

EQUIPMENT/SERVICES/SOFTWARE	WARRANTY PERIOD
Aviat Networks Equipment Warranty (U.S.A, Canada, and the Caribbean)	24 months from shipment date, or 36 months from shipment date if the installation is performed by Aviat Networks
Aviat Networks Equipment Warranty (Rest of World)	15 months from shipment date, or 27 months from shipment date if the installation is performed by Aviat Networks
NEC Equipment Warranty (Global)	12 months from shipment date
Aviat Networks Wireless Access Equipment (Global)	12 months from shipment date
OEM (Non-Aviat Networks) Equipment	OEM warranty is a pass through from Aviat Networks from the shipment date
Aviat Networks firmware (other than radio operating software) (Global)	90 days from date of shipment of the firmware or related Equipment warranty period, whichever expires last
Aviat Networks Wireless Access firmware (other than operating software)	90 days from date of shipment of the firmware or related Equipment warranty period, whichever expires last
Radio Operating Software (firmware)	Same as associated Equipment warranty period
Aviat Networks Wireless Access Operating Software (firmware)	Same as associated Aviat Networks Wireless Access Equipment warranty period
Aviat Networks Element/Network Management Software (ProVision or ProVision+)	90 days from date of shipment of the NMS software
Aviat Networks Wireless Access Element/Network Management Software (Clearview)	90 days from date of shipment of the NMS software
Software Media	90 days from date of shipment of Software Media by Aviat Networks
Installation Services	12 months from the date of completion of the service
Path Engineering Services	12 months from date of completion of the service
Civil Works	12 months from the date of completion of the service
Repair Services (for Aviat Networks manufactured Equipment)	180 days from the return shipment date or the balance of the original Equipment warranty, whichever is longer.
Repair Services (for Aviat Networks Wireless Access Equipment)	90 days from the return shipment date or the balance of the original Equipment warranty, whichever is longer.

For detailed coverage of the warranty policy, please refer to Appendix A (Warranty Provisions).

2.2. END-OF-LIFE POLICY (EOL)

When demand for older Aviat Networks products decreases to a point where it becomes impractical to continue regular production, or when regulatory or technological changes affect a product that renders regular production unfeasible, Aviat Networks will reclassify that product from Active Production Status (product currently offered for sale) to Maintenance Only (MO) or Manufacture Discontinue (MD). Both MO and MD status fall under Aviat Networks' End-of-Life (EOL) product policy. MO or MD status is defined as:

- Repair and Return (R&R) service available dependent on component availability
- Limited Technical Support
- Limited Software Support
- Product/Spare production no longer available

Aviat Networks' standard policy is that for a period of **five (5) years** from the date of Aviat Networks' notice that the Equipment has been discontinued and subject to continued availability of components, hardware defect repair and replacement services will be available, including the repair and/or replacement of component parts. However, such services shall only be provided if Customer has extended and converted its standard warranty coverage to an AviatCare Extended Warranty or Extended Warranty Plus Support Program.

2.3. EXCEPTIONS

All OEM equipment that Aviat Networks resells (Non-Aviat Networks products sold under the name of the OEM) will carry the EOL policy of the OEM to the extent the manufacturer permits. Aviat Networks offers no further warranties and/or support after the EOL of such products.

3. AVIATCARE ONLINE WEB PORTAL

3.1. OVERVIEW

Aviat Networks Customers' have 24x7x365 access to the **AviatCare** Online Web Portal within AviatCloud (https://www.aviatcloud.com)

The AviatCare Online Web Portal can be used by Customers to get help on their Aviat Equipment as follows:

- Request Technical Support: Customers will be able to submit a Support Case request via the **AviatCare** Online Web Portal. The Support Case is then routed to a Technical Support Engineer (TSE) for troubleshooting. Cases are prioritized for customers who have the Express Support Pin, the rest of the cases are dealt with on a first-in-first-out basis for all cases submitted through the Online Web Portal.
- Request Replacement Hardware/RMA: Customer(s) can request RMA Number(s) prior to sending defective unit(s) to an Aviat Networks identified Service Repair Center.
- **Access the Knowledge Base and Self-Help "Troubleshooter":** Registered user(s) that have equipment under warranty or a current support contract will have access to Product-related technical information, including but not limited to product specifications, support notes, system procedures and software specification notes. In the frequently asked questions (FAQ) section, Customer(s) will find answers to Aviat Networks products' most common technical issues and operational questions. This includes current and legacy products. If the tool cannot answer your question(s) or issue (s), please contact Aviat Networks' Technical Assistance Center (TAC).
- **Download the latest software updates:** Depending on the level of access requested/granted, registered user(s) will have access to Product-related software updates, tools.

The web address for the AviatCare Support site is: HTTP://WWW.AVIATCLOUD.COM

Click on the 'AviatCare' option in the left menu bar

3.2. ACCESSING AVIATCARE ONLINE WEB PORTAL

To access the resources on the **AviatCare** Online Web Portal, Customers are required to register and select a password. Registration requires that Customers provide the following information:

- A valid email address with a domain name associated with the Customer company name
- A valid assigned Aviat Express Support PIN provided with an AviatCare Support Agreement.

Automatic Registration: If the email domain is already registered with Aviat and associated with an Aviat Express Support PIN, the user requesting the support account will have their account approved immediately.

Manual Registration: If it is the first time any user from the company is registering for an account, the process involves manual verification but will be processed within 48 hours. This is also applicable if automatic registration fails for any reason such as an invalid PIN.

Once registration is completed and access approved, instructions to log onto the site will be sent to the Customer's email address. Customers are encouraged to define and authorize specific users within their organizations who will be requesting support services to access the AviatCare Online Web portal.

3.3. AVIAT EXPRESS SUPPORT PIN NUMBERS

Aviat Express Support PIN numbers are issued to customers with warranty or support agreements and provide the fastest way to access TAC support or to register user accounts on the AviatCare online web portal.

If your company is entitled to an Express Support PIN number and you have not received it, please request it here:

HTTP://WWW.AVIATNETWORKS.COM/SERVICES/CUSTOMER-SUPPORT/TECHNICAL-ASSISTANCE/PIN-REQUEST-FORM/

3.4. CRITICAL AND HIGH PRIORITY SUPPORT CASES

Regarding Critical Support Cases and/or High Priority Support Cases, Customer(s) should contact the regional TAC to ensure a timely response to issues.

In an emergency, always call the Support Center directly. All other Support Cases—Major, Minor and Inquiry requests—may be submitted via the Portal and will be responded to in the timeframe outlined later in this document.

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4. AVIAT NETWORKS TECHNICAL ASSISTANCE CENTERS

4.1. OVERVIEW

Aviat Networks has a Global Technical Assistance Center (TAC) as well as several regional TACs around the world. We provide highly skilled technical resources close to our customers to serve them better.

To ensure a consistent level of support and better leverage our global resources, the primary language spoken by our Technical Support Team is English. We also provide support in French and Spanish through our Regional TACs. By having resources in the region where issues arise, we can address language as well as regional requirements while also leveraging the knowledge base available in our centralized Support facility.

4.2. GENERAL TECHNICAL ASSISTANCE COMMITMENTS

It is important to understand what level of Technical Assistance Aviat Networks provides under the standard warranty and what is offered under an **AviatCare** Support Agreement. Our standard warranty provides telephone Technical Assistance from 9:00 a.m. to 5:00 p.m. local time with limited after-hours support for network emergencies (i.e., outages, severe network degradation). Warranty coverage includes support for any critical or major issue related to product defects/deficiencies only.

Aviat Networks understands that Customer(s) may require a higher level of service, and this is offered through the **AviatCare** offerings, which include several support services options— defined through custom tailored Service Level Agreements (SLAs). By purchasing one of these additional support options, a customer can receive 24x7 support with an unlimited number of cases that can be opened and with committed support levels aligned to those Support Case classifications.

With any **AviatCare** agreement, Customer(s) can access the Aviat Networks TAC 24x7 with accelerated response times as outlined in the Target Response Time section. This ensures that the Customer(s) receives the level of support required to meet specific business demands and budget requirements.

The Aviat Networks TAC teams are primarily equipped to handle issues that deal with equipment hardware or software malfunction or failure. Customers needing assistance in other areas such as network configuration, reconfiguration and redesign, or network optimization should contact their Aviat sales team to engage appropriate levels of technical consulting and network optimization services.

4.3. HOW TO CONTACT A REGIONAL TAC

Customer(s) can contact a regional TAC directly via the contact information provided in Appendix B. They can also go to the **AviatCare** Online Web Portal for or for Access products and open a request or email the addresses in Appendix B. All Customer requests will trigger a Support Case to be opened and will be used to track progress of the request.

4.4. SUPPORT CASE DESCRIPTION

Before contacting Aviat Networks, the Customer should prepare a problem description containing as many details as possible. The problem description should address at least the following:

- What is the severity of the issue?
- What is the Aviat Express Support PIN number?
- If the Aviat Express Support PIN number is not available, what is the Original Sales Order?
- What is the type of equipment?

- What is the Product Software version?
- What changes, if any, were made to the Product prior to the appearance of the problem or issue that is being reported?
- When did the problem or issue first appear?
- What action was being performed when the problem or issue first appeared?
- Is the issue intermittent?
- Has the problem or issue appeared before or is this the first time?
- What actions have been attempted to remedy the problem or issue?

4.5. PROVIDING ADDITIONAL DOCUMENTATION WHEN OPENING A SUPPORT CASE

Customers are requested to provide supporting documentation and files from the equipment as part of the support case. This helps Aviat TAC engineers better understand the issue at hand and start working on the solution. Providing these items below as part of the case opening process significantly reduces the amount of time spent exchanging initial information and results in a faster resolution.

Examples of supporting documentation and files include:

- Help desk file during the fault – provides a snapshot of performance at the time of fault
- **As Built Report** – provides software and hardware configuration of the equipment
- **Network Diagram** – provides necessary info of other equipment connected to the equipment
- **PCR files** – provides RF performance trends of the links in question and are used to resolve chronic issues affecting equipment performance
- Screen snapshots showing the actual alarm

4.6. SUPPORT CASE SEVERITY CLASSIFICATIONS

There are four (4) Support Case severity classifications: (1) Critical; (2) Major; (3) Minor; and (4) Inquiry. Critical, Major and Minor cases pertain to problems in the Product or associated software. Inquiry cases pertain to questions about the Product or associated software. The four (4) case severity classifications are defined per TL9000 standards:

Critical Support Cases severely affect service, traffic, billing and/or maintenance capabilities and require immediate corrective action (regardless of time of day or day of the week). Critical cases may cause any of the following:

- Total Product failure that results in loss of all data transmission
- Reduction in capacity or traffic handling capability such that the Product cannot handle expected loads. (Capacity refers to the capacity for which the necessary hardware has been installed and the Software configured)
- Loss or severe degradation in capacity or traffic-handling capability
- Any loss of safety or emergency capability (e.g., 911 calls)
- Inability to restart a processor or the Product

Note: Occurrences described in the foregoing list are not necessarily (a) all-inclusive or (b) applicable to all Products or associated software.

Major Support Cases cause conditions that seriously affect Product operation, maintenance and/or administration and require immediate attention. Urgency is less than in Critical Support Cases because of a lesser immediate or impending effect on Product performance, Customers and/or telephone company operation and revenue. Major Support Cases may cause any of the following:

- Significant reduction in capacity and traffic measurement function
- Any loss of functional visibility and/or diagnostic capability
- Repeated degradation of port connections
- Prevention of access for routine administrative activity
- Degradation of access for maintenance or recovery operations
- Degradation of Product's ability to provide any required Critical or Major trouble notification
- Any increase in Product-related Customer trouble reports
- Loss of Product's ability to perform automatic system reconfiguration
- Loss of protection switching capability

Note: Occurrences described in the foregoing list are not necessarily (a) all-inclusive or (b) applicable to all Products or associated software.

Minor Support Cases are problems that are tolerable during Product use, do not significantly impair functioning of the Product and do not significantly affect service to Customers.

Inquiry Support Cases are technical questions concerning installation and/or performance of the Product.

4.7. TARGET RESPONSE AND RESOLUTION TIMES

Aviat Networks will use commercially reasonable efforts to meet the target response times and resolution times in the table below. Aviat Networks neither warrants nor guarantees that such target response and resolution times will be met for all cases. Specific targets are aligned with TL9000 guidelines that Aviat Networks is committed to meeting as a global performance goal.

Aviat Networks shall not be responsible for any failure to meet the target response and/or resolution times set forth below (including but not limited to failures arising from delays caused by the Customer, Customer's failure or refusal to accept Aviat Networks' proposed solution, unavailability of equipment or software necessary to implement proposed solution or circumstances beyond Aviat Networks' reasonable control), unless committed under a specific **AviatCare** Support Agreement.

Response, Restoration, Resolution Times	**Critical**	**Major**	**Minor/Inquiry**
Problem Case Severity Classification	Critical Trouble Tickets	Major Trouble Tickets	Minor Trouble Tickets and Inquiry Trouble Tickets
Aviat Networks' Operational Hours	24x7	Local Business Hours (unless committed differently under AviatCare Support Agreement)	Local Business Hours
TAC Response Time and Initiation of Troubleshooting Process	Within fifteen (15) minutes after the Trouble Ticket is reported to Aviat Networks by phone For the Wireless AccessProducts, one (1) hour	Within thirty (30) minutes after reported to Aviat Networks by phone	By the Next Business Day

	after the Trouble Ticket is reported to Aviat Networks by phone		
Target Restoration Time	24 hours	2 Business days	Where applicable, 3-5 days
Target Resolution Time	Per Standard TL9000 30 Business days	Per Standard TL9000 30 Business days	Per Standard TL9000 180 Business days

Note 1: If Minor or Inquiry requests are received after local business hours, Aviat Networks will not start working on the Support Case until the next business day.

Note 2: The target response and resolution times set forth above do not pertain to third-party OEM equipment, software or any Aviat Networks product beyond communicated MD date. Specific response and resolution times for MD products will only be committed to under AviatCare Protect or AviatCare Maintain agreements. Products currently identified as MD as of Sept.2022, are in Appendix D.

4.8. RESOLUTION AND ESCALATION PROCESS

Phase A. Initial Contact with Aviat Networks and Troubleshooting

All Reported Issues:

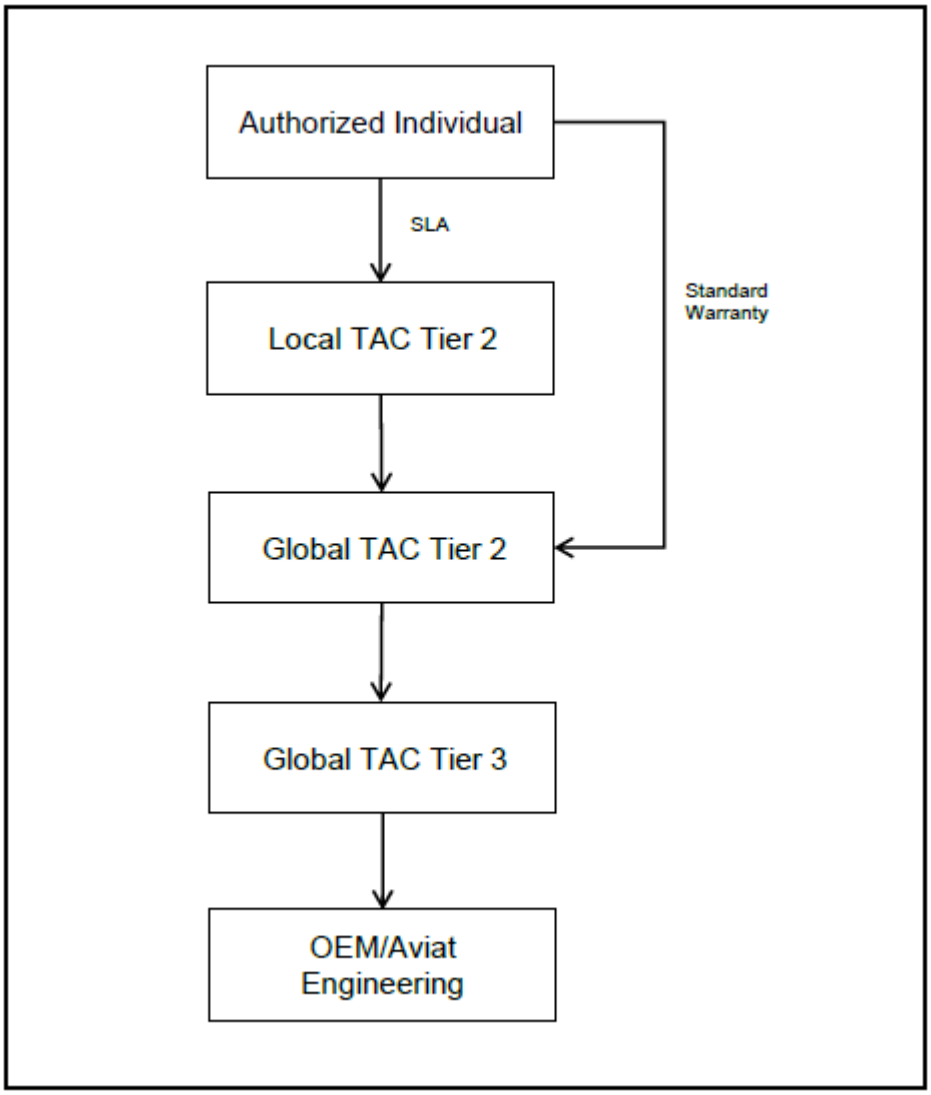
- Customer contacts Support either by phone, email, web or the Support Assurance Desk. Either way, Customers will get to the TAC if the customer has an assigned PIN number, Support Agreement or the equipment is covered by warranty.
- TAC Technical Support Engineer (TSE) receives the call, opens a Support Case and, based on Customer and Product data provided attempts to resolve it. If unsuccessful, TSE will escalate to the next tier of support, and a notification will be sent to the next level of management within Aviat Networks to ensure the appropriate focus is applied to the problem.
- During the initial discussion TSE consults with the Customer and identifies the severity of the problem (i.e., Critical, Major, Minor, Inquiry), which is then used to classify the case.
- TSE will initiate the required troubleshooting process within the timeframes set in the “Target Response and Resolution Times” table.
- If the problem is identified with an OEM product purchased through Aviat Networks, the TSE will work with the OEM to close the issue.

Phase B. Troubleshooting and Escalation (Beyond Target Resolution Time)

If the problem is not resolved within the target resolution time and after Aviat Networks initiates the troubleshooting process, Aviat Networks will then pursue the following steps:

- The reported Support Case is escalated to management and next level of support.

5. THREE (3) TIERED ESCALATION STRUCTURE—TROUBLE TICKET FLOW



6. AVIAT NETWORKS NETWORK REPAIR COVERAGE

6.1. OVERVIEW

Customers should observe the Aviat Networks' Repair Coverage guidelines when requesting/sending Field Replaceable Unit(s) (FRUs) to Aviat Networks for in-warranty or out-of-warranty repairs. All requests for repair or replacement must be initiated through an RMA request. This request can be opened via the **AviatCare** Online Web Portal or emailing the appropriate account.

Customers with **AviatCare** support agreements may open cases by telephone to a regional Support Center or via the AviatCare Online Web Portal. It is critical that an RMA request be opened so any further information collected can be tied to an identified RMA tracking number.

6.2. REQUESTING AN RMA

Prior to shipping defective unit(s) to Aviat Networks for repair, the Customer must obtain an RMA number. To request an RMA, the Customer completes and submits an RMA Request Form for each returned unit. This form is under the Repair & Return section of the **AviatCare** Online Web Portal at HTTPS://AVIATCLOUD.COM/FRF/SHIP_SITE_LIST.ASP

Once all supporting information is entered for the initial request, it generally takes a couple of minutes per defective unit to submit the RMA request.

Aviat Networks will respond to RMA Requests within one business day of submission (excluding weekends and public holidays) as detailed below. Our response will confirm receipt of the request. If there are no issues, it provides acceptance of the request for processing and instructions for sending in defective unit(s).

Units will have different repair processes depending on what type of Support coverage is available, including:

6.2.1. IF UNIT IS IN WARRANTY OR COVERED BY AN AVIATCARE SUPPORT AGREEMENT

- Customer will receive an RMA number, per unit being returned for repair, and advised which repair center each unit should be shipped to for repair or replacement.
- Units that are deemed damaged (not failed due to operational issues) when received in the repair center will be placed into quarantine pending receipt of a valid PO or Cash In Advance (CIA) payment to cover the replacement/repair cost of the unit(s), if repairable.

6.2.2. IF ADDITIONAL SERVICES ARE REQUESTED BUT NOT COVERED BY AN AVIATCARE SUPPORT AGREEMENT

Aviat Networks will issue a Quotation or Pro Forma Invoice along with the RMA number, depending on the Customer account terms at the time of request; Aviat Networks will request a PO or CIA for the cost of additional services requested, i.e., requests for Advance Replacement, Expedited Repair. Availability of Advance Replacement unit(s) will be confirmed **upon receipt of PO or payment** as availability may have changed pending response. Advance Replacements will not be processed without confirmed acceptance of terms and conditions. See section on Advance Replacement.

6.2.3. IF UNIT IS OUT OF WARRANTY AND NOT COVERED BY AN AVIATCARE SUPPORT AGREEMENT

Aviat Networks will issue a Quotation or Pro Forma Invoice, depending on the Customer account terms at the time of request; Aviat Networks will request a PO or CIA for the repair cost and/or any additional services requested, i.e., requests for Advance Replacement. Availability of Advance Replacement unit(s) service will be confirmed **upon receipt of PO or payment** as availability may have changed pending response. Advance Replacements will not be processed without confirmed acceptance of terms and conditions. See section on Advance Replacement. RMA numbers and repair locations will be issued upon receipt of a PO number covering Quotation, or if CIA has been requested, confirmation from Aviat Networks Finance Department that payment has been received. *

*Note: If you send units to an Aviat Networks repair center without an RMA number or a valid PO or cash payment to cover repair costs of the units, the units will be placed into “quarantine.” No activity will take place with said units until payment or a valid RMA number is provided.

6.2.4. IF AVIAT NETWORKS REQUIRES FURTHER INFORMATION TO ENABLE US TO PROCESS THE RMA REQUEST

Customer(s) will receive a notification indicating any missing details or actions required to obtain an RMA number, Quotation or Pro Forma Invoice.

Customer(s) may also request RMAs by email or fax. Contact one of the regional RMA centers as outlined in Appendix B.

To have an RMA request processed via email or fax, Customer(s) must provide the following information for each returned unit:

- Company name and shipping/return address
- Billing address
- Part Number
- Serial Number
- Unit software load, if appropriate
- Description of the suspected failure
- Any special requirements
- **AviatCare Protect** or **AviatCare Maintain** Support Agreement number or assigned Express Support PIN, if applicable
- PO or CIA (subject to account status) at the applicable price for billable requests, which includes requests for express service regardless of warranty status. Pricing for express/custom services is available via the **AviatCare** Online Web Portal or by contacting your regional RMA center (see Appendix B)

Important Note: Where applicable, Customer(s) must include an associated **AviatCare** Support Agreement number or assigned Express Support PIN on all correspondence to avoid invoicing for services within the scope of the Support Agreement and outside the standard warranty.

6.3. TURNAROUND TIME AND LIMITATIONS

Under standard warranty, Aviat Networks will repair and return failed equipment within thirty (30) calendar days (where the product has not been Manufacture Discontinued (MD)). For MD products, target turnaround time for repairs and returns is forty-five (45) calendar days, unless a different length turnaround time has been indicated through a product announcement or provided for under an **AviatCare** Support Agreement.

Improved turnaround times are available via Aviat Networks' Advance Replacement offering, covered later in this document. Improved R&R turnaround times are another benefit available from **AviatCare**.

Turnaround times can be affected if any of the following conditions are present in a request:

- More than five (5) units of the same type are received at the same time, or more than ten (10) units of any type are received at the same time
- Returned unit(s) have not been classified as defective and/or have been returned for a retune, refurbishment or elective modification
- Aviat Networks has not been provided critical information, such as a valid PO or CIA for a billable order, return shipping address, shipping instructions or any other information that may delay repairs
- Any returned unit is deemed No Fault Found after initial evaluation
- Unit(s) received have been improperly packed and therefore have sustained physical or electrostatic damage during shipping/transit

6.4. TURNAROUND TIME CALCULATION

Turnaround time is measured from the time a defective unit arrives at the designated Aviat Networks Repair Center until the time that it is shipped out of the Aviat Networks

Repair Center. Turnaround time is only tracked from time received until time shipped; all shipping related time is excluded from the calculation. Repair Centers are designated during issuance of an RMA.

6.5. OEM

For OEM (vendor) items, repair turnaround times are set by Aviat Networks' suppliers. Aviat Networks' close working relationships with the suppliers ensure the best turnaround times. In most cases, this will align to the standard Aviat Networks turnaround time (30 days). Every effort will be made to inform Customer if there will be any deviations from standard turnaround time.

6.6. SHIPPING COSTS

The Customer is responsible for all charges associated with shipping returned unit(s) to the designated Aviat Networks Repair Center. Shipments shall be made according to the delivery term DAP (Delivered at Place), Aviat Networks Repair Center (Incoterms 2020).

Aviat Networks is responsible for all charges associated with shipping the returned unit(s) back to the Customer. Shipment shall be made pursuant to the delivery term DAP, Customer's premises (Incoterms 2020).

6.7. REPAIR LOGISTICS

Aviat Networks offers a Repair Logistics service in the **AviatCare** Support Program where Aviat Networks arranges and pays for collection/delivery of defective equipment, which will be returned DAP as normal.

6.8. ADVANCE REPLACEMENT

Advance Replacement is offered where and when available. See section on Advance Replacement.

6.9. PRICING

Aviat Networks considers any repair request out of warranty as a billable service. Repair prices are set by Aviat Networks and subject to change without notice. Only when an RMA is issued will the price be established for that order. Pricing will be valid for 60 days. If Aviat Networks does not receive the defective unit(s) under the RMA within 60 days, Aviat Networks reserves the right to cancel the RMA and any new RMA will be established with new pricing (if applicable).

6.10. NO FAULT FOUND FEE

If Customer returns units of Supported Products which, after testing by Aviat Networks are found to meet the applicable Product specifications, then Aviat Networks will charge Customer a No Fault Found (NFF) inspection fee of USD750 for each such non-defective returned unit. The NFF fee may be waived by Aviat Networks if the return of said unit was advised/recommended by an Aviat Networks TAC personnel.

6.11. HOW AND WHERE TO SEND DEFECTIVE UNITS

Please enclose the following written information with the defective unit(s):

- RMA number, written clearly on the outside of the carton that the defective unit is returned in
- Complete repair and return information

Customer must package the defective unit(s) in a way that they are protected from physical and/or Electrostatic Discharge (ESD) damage during shipment.

Send all unit(s), freight prepaid, pursuant to the delivery term DAP (Incoterms 2020) to the Aviat Networks Repair Center location provided when the RMA was issued.

6.12. AVIAT NETWORKS' REPAIR LOGISTICS SERVICE

Customers could opt to use Aviat Networks' Repair Logistics service if they purchased the appropriate **AviatCare** Support Agreement either as an add-on to the standard warranty period or as part of a Warranty Plus offering. In such cases, Aviat Networks will handle pickup, delivery and any associated details and costs.

Returned unit(s) that have not been assigned an RMA may be: (a) returned to Customer without being repaired and/or (b) subject to an increased Turnaround Time.

6.13. EXTENT OF REPAIRS

Aviat Networks will repair defective unit(s) to meet applicable and established Aviat Networks Product Specifications. The warranty period for any repairs made to the returned unit is either the remainder of the returned unit's original warranty period or one hundred and eighty (180) days from the date of repair, whichever is longer. This warranty period shall also

apply to repairs made to out of warranty returned unit(s). The repairs warranty period for the Wireless Access product repairs is 90 days from the return shipment date or the balance of the original Equipment warranty, whichever is longer.

6.14. RETURN SHIPMENT TO THE CUSTOMER

Aviat Networks will return the repaired unit to the Customer, freight prepaid, pursuant to the delivery term DAP, Customer's premises (Incoterms 2020). The following information will be included with the return shipment:

- Packing list
- A Fault Report Form for each unit
- A copy of the pro forma invoice (for international shipments only)
- A copy of the AWB or forwarder name and AWB number (for international shipments only)

Important Note: In the case of "damaged in shipping" or if the package was not delivered, the Customer has twenty (20) days to report the problem to Aviat Networks for resolution. Any requests received after 20 days will be resolved on a "best effort" basis but may result in additional costs to the Customer.

6.15. WHEN UNITS ARE NOT REPAIRED AND WARRANTIES VOIDED

Returned unit(s) that have been modified or repaired by a party other than Aviat Networks or are classified as Damaged Beyond Repair (in Aviat Networks' sole opinion) will not be repaired and any remaining warranty coverage will be void. Customers must arrange collection of returned unit(s) at their own expense or agree in writing that Aviat Networks can scrap the identified equipment.

6.16. DAMAGED BEYOND REPAIR

If a returned unit is Damaged Beyond Repair, Customer may purchase an equivalent refurbished or new (if available) replacement for the returned unit at Aviat Networks' current pricing.

6.17. RECERTIFICATION OF UNSUPPORTED PRODUCTS

If the Customer wants to purchase support for a Product (including refurbished equipment) that is not supported under an existing AviatCare Support Agreement, Aviat Networks will then be entitled to inspect the Product to determine whether any repairs, adjustments, software revisions and/or relicensing charges will be necessary as a prerequisite. All required repairs, adjustments, revisions, and other equipment alternations must be purchased from and performed by Aviat Networks at the current pricing before the Customer may purchase an AviatCare Support agreement for unsupported Products.

6.18. INFORMATION SUBJECT TO CHANGE WITHOUT NOTICE

The information described herein is subject to change without notice. These guidelines are a summary of Aviat Networks' Repair Coverage service as of the date of publication. For clarification or a complete description of the service in these guidelines, contact your local Aviat Networks sales office.

These guidelines supersede any other previous guidelines made available to Aviat Networks' Customers. If any portion of these guidelines is deemed to be prohibited by, unlawful or unenforceable under any applicable law of any jurisdiction, such portion shall be ineffective as to such jurisdiction without affecting any other portion of these guidelines.

7. AVIAT NETWORKS ADVANCE REPLACEMENT GUIDELINES

7.1. OVERVIEW

This section describes Aviat Networks' Advance Replacement services and provides specific instructions when requesting an Advance Replacement unit.

Aviat Networks provides a billable Advance Replacement service for those Customers who need replacement of failed unit(s) sooner rather than waiting for failed unit(s) to be returned after repair. This service is available to Customers who may be short of spares and want to have replacement unit(s) onsite prior to Repair and Return of their defective unit(s) or need an immediate spare to address a critical network issue.

This service is based on the availability of requested unit(s) at a regional support center and does not include provisioning of new products. All efforts will be made to provide this service within the timeframes committed; if Aviat Networks does not perform within the specified time then the Customer will be charged for the next lower level of service (standard Return for Repair price if Advance Replacement is not available).

7.2. REQUESTING AN ADVANCE REPLACEMENT UNIT

Advance Replacement Unit requests are managed through the standard RMA process. First recommended point of contact is via the **AviatCare** Online Web Portal where an RMA can be requested 24x7. Given the critical nature of these requests, Customer may also email the request or call one of the regional RMA centers. To ensure a timely response the Customer should utilize the AviatCare Online Web Portal to open an Advance Replacement RMA.

7.3. PRICING

Advance Replacement requests are a billable service, unless the Customer has an AviatCare Warranty Plus agreement, which includes Advance Replacement. Pricing is subject to change without notice. Only when an RMA is issued will the Advance Replacement price be fixed for that order for up to 30 days.

If Aviat Networks does not receive within 30 days all the required information (see section "Before Processing the Advance Replacement Unit") to release the replacement unit(s) under the RMA, Aviat Networks reserves the right to cancel the RMA. Any new RMA will be set at the new pricing (if applicable). Replacements cannot be processed until all required information is received. Delays in providing RMA-required information will necessitate delays in delivering Advance Replacements.

For unit(s) under warranty and requiring a standard 3–5-day Turnaround, a minimum fee of $250 per unit will be billable. For unit(s) out of warranty, the standard out-of-warranty Advance Replacement service price will apply.

Note: Unit(s) shipped in support of Advance Replacement requests will be invoiced at the current product-list price, without discounts, if Aviat Networks does not receive the defective unit(s) within 30 days at the designated Aviat Networks Repair Center as per the RMA from the date of the replacement shipment.

7.4. BEFORE PROCESSING THE ADVANCE REPLACEMENT UNIT

Aviat Networks must assign an RMA before processing an Advance Replacement Unit request. Therefore, the following information is required from the Customer:

- Company name
- Shipping and billing address
- Part number and model number (if applicable)
- Serial Number of the defective unit(s)
- Unit software load (if applicable)
- Description of suspected failure
- Whether any special requirements exist
- Product revision (if required)
- **AviatCare** Support Agreement Number or assigned Express Support PIN (if applicable)
- A purchase order at the appropriate price (if applicable)
- Confirmed Acceptance of Terms and Conditions associated with Advance Replacements

Note: Customer(s) must include the **AviatCare** Support Agreement number or assigned Express Support PIN number (if applicable) in all correspondences to avoid charges for services that are covered by their **AviatCare** Support Agreement. Aviat Networks must have the serial number and part number of each unit for which an Advance Replacement Unit is being requested.

7.5. CONFIRMED ACCEPTANCE OF TERMS AND CONDITIONS OF ADVANCE REPLACEMENTS

Advance Replacements cannot be shipped without confirmation that the Customer accepts Aviat Networks' Terms and Conditions. When requesting an Advance Replacement RMA via the **AviatCare** Online Web Portal, Customer must check acceptance to the terms before submitting the request. Requests via email or phone require a signed acceptance of the Terms and Conditions by an authorized representative of the Customer's organization. Aviat Networks cannot proceed until a signed document is received.

Note: Signed acceptance is generally a standard Quotation; however, the quote will be zero if the replacement cost is covered by the agreement.

7.6. ADVANCE REPLACEMENT UNIT SHIPMENT

Aviat Networks will ship the Advance Replacement Unit(s) prepaid and shall be made pursuant to the delivery term DAP to named place of destination (Incoterms 2020). At its sole discretion, Aviat Networks will dispatch refurbished or new unit(s) as Advance Replacement per Turnaround time requested by the Customer. This will occur within the commitment levels of Advance Replacement service requested after the completed request has been received at the Aviat Networks Customer Care Center. All units have the same warranty coverage as the original unit or the repair warranty, whichever is longer.

Important Note: In the case of units damaged in shipping or if the package was not delivered, the Customer has 20 days to report the problem to Aviat Networks for resolution. Any request received after 20 days will be resolved on a "best effort" basis but may result in additional costs to the Customer.

7.7. ADVANCE REPLACEMENT 'NEXT BUSINESS DAY SHIP' UNIT SHIPMENT

For service levels where Next Business Day Ship (NBDS) is contracted, Aviat Networks will dispatch refurbished or new unit(s) as Advance Replacement on the same day if Aviat receives the RMA request prior to 3:00 p.m. CT on a Business Day; otherwise, such Advance Replacement Units will ship during the next Business Day.

7.8. AFTER RECEIVING ADVANCE REPLACEMENT UNIT

After receiving the Advance Replacement Unit, the Customer has thirty (30) days to return the defective unit to the Aviat Networks Repair Center for which the Advance Replacement Unit was requested. When returning the unit(s) to the Aviat Networks Repair Center, the Customer must use the same RMA number that is listed on the packing slip issued with the Advance Replacement Unit.

7.9. RETURN CHARGES

The Customer is responsible for all charges associated with shipping the defective unit(s) to the Aviat Networks Repair Center; shipment shall be made pursuant to the delivery term DAP named place of destination (Incoterms 2020).

7.10. LATE RETURN PENALTIES

If Aviat Networks does not receive the defective unit(s) within the aforementioned thirty (30) day period, then:

(a) Aviat Networks will invoice the Customer for one hundred percent (100%) of the current list price of the Advance Replacement Unit(s)

(b) the unit(s) will not be accepted for credit.

7.11. HOW AND WHERE TO SEND DEFECTIVE UNITS

Please enclose the following written information with the defective unit(s):

- RMA number, written clearly on the outside of the carton within which the defective unit is returned
- Complete repair information (e.g., Repair tag or RMA fault form)

The defective unit(s) must be packaged to protect it from physical and/Electrostatic Discharge (ESD) during shipment.

Send all defective unit(s), freight prepaid, to the Aviat Networks Repair Center.

7.12. IMPORTANT NOTE ON UNITS MODIFIED OR DAMAGED BEYOND REPAIR

If a defective unit has been modified by any party other than Aviat Networks or is deemed by Aviat Networks to be Damaged Beyond Repair, then Aviat Networks reserves the right to charge the Customer for the Advance Replacement Unit at Aviat Networks' current list price.

7.13. ADVANCE REPLACEMENT UNIT AVAILABILITY

Aviat Networks cannot guarantee availability of Advance Replacement Service for all unit(s). If an Advance Replacement Unit is not available, then Aviat Networks will alert the Customer and default to standard Repair and Return Turnaround for repair.

The information described herein is subject to change without notice. These guidelines are a summary of Aviat Networks' Advance Replacement service as of the date hereof. For clarification or a complete description of the service described in these guidelines, please contact your local Aviat Networks **AviatCare** representative.

These guidelines supersede any other previous guidelines made available to Aviat Networks' Customers. If any portion of these guidelines is deemed to be prohibited by, unlawful or unenforceable under any applicable law of any jurisdiction, such portion shall be ineffective as to such jurisdiction without affecting any other portion of these guidelines.

8. ACCESSING THE SOFTWARE LICENSE MANAGEMENT SERVER FOR AVNW SOFTWARE

The Software Support service levels allow the Customer to generate the relevant license keys for the latest software release for the software licenses depending on the service level they have purchased. Customers can access the license management server on the AviatCare Services website.

Please note that in order to get access to the license server, customers must have a valid AviatCare support user account. Details for requesting a new support user account are provided in the "ACCESSING AVIATCARE ONLINE WEB PORTAL" section of this document.

9. REGIONAL SUPPORT SERVICES PRIMARY REPRESENTATIVES

For any clarification or a complete description of the services described in these guidelines, please contact your regional Support Services primary representative.

Contact	Email address	Phone	Region
Jenny Frederiksen	Jenny.Frederiksen@aviatnet.com	+1 408-476-0302	Americas
Yogesh Matta	Yogesh.Matta@aviatnet.com	+91 124 6798109	APAC / EUR / ME / AFRICA
Celeste Robles	Celeste.Robles@aviatnet.com	+1 514-823-8631	Global

APPENDIX A: WARRANTY PROVISIONS

a) EQUIPMENT WARRANTY.

A. During the Equipment Warranty Period stated in the Warranty Coverage Matrix (section 12.e)), Aviat Networks warrants that the Aviat Networks manufactured Equipment (i) is free from defects in materials and workmanship and (ii) substantially conforms to Aviat Networks' published specifications for such Equipment.

B. Items not manufactured by Aviat Networks to be utilized in conjunction with or independently of Aviat Networks manufactured Equipment shall be only covered by the specific warranty terms of the supplier or manufacturer of those items.

C. Aviat Networks does not warrant, provides no guarantee and is not responsible for:

(1) Defects or failures caused in whole or in part by:

(A) power failures, surges, fires, floods, accidents, actions of third parties, or other events outside of Aviat Networks' control,

(B) Customer's abuse, mishandling, misuse, negligence, improper storage, servicing or operation, or unauthorized attempts to repair or alter the Equipment in any way,

(C) items normally consumed during the Equipment operation, or

(D) failures caused by non-Aviat Networks Equipment.

(2) Consequential expenses incurred for transportation, removal, replacement, evaluation, or for testing, repair, or other services not performed by Aviat Networks personnel. Consequential damages from any causes such as downtime costs, costs for substituting Equipment or loss of anticipated profits or revenue are not covered.

(3) Equipment built to Customer's specifications that are later found not to meet Customer's needs or expectations.

(4) The performance of the Equipment when used in combination with equipment not purchased, specified, or approved by Aviat Networks.

(5) Signal coverage delivered by antenna equipment whether or not supplied by Aviat Networks.

(6) Damages and performance limitations due to outside forces such as snow, ice, lightning, excessive heat or cold, or highly corrosive environments.

(7) Cost to return of a defective part or unit to Aviat Networks to provide the repair.

(8) On-site trouble shooting or first level maintenance services. On-site trouble shooting services can be provided at Aviat Networks' option if a reasonable effort by Customer's qualified technical personnel has not corrected the problem. If so, Customer will be responsible for the labor, travel and living expenses associated with the field service of Aviat Networks' personnel. A TWO-DAY MINIMUM CHARGE APPLIES TO ALL ON-SITE TROUBLE SHOOTING VISITS.

b) SERVICE WARRANTY.

A. During the Services Warranty Period stated in the Warranty Coverage Matrix (section 12.e)), Aviat Networks warrants that it shall perform the purchased Services using personnel of required skill, experience, and qualifications and in a professional and workmanlike manner in accordance with generally recognized industry standards for similar services.

B. Warranty of Path Engineering Services: Aviat Networks warrants that the installed radio communication path will conform to Customer's multipath performance reliability requirements, when Aviat Networks has performed a path survey and recommended the path design and Aviat Networks has performed the installation. It is further

warranted that all Aviat Networks field activities and path propagation analysis will utilize current hardware, software, engineering practice and judgment with the goal of meeting Normal Path Loss, as defined in Telecommunications Industry Association/Electronic Industry Association Standard RS-252A.

C. Aviat Networks will not be responsible for paths that it does not survey or for changes in path design (beyond those specifically allowed in the path survey report or in writing) after the field survey is completed, including, but not limited to: (1) any change in path design; (2) any movement of site locations; (3) any building or other structure built on-path; (4) any change to or disturbance of the terrain which may cause blockage or reflection; (5) any additional frequency interference source; (6) any change of available antenna mounting space on tower; or (7) installation of non-Aviat Networks radio equipment. Any one or more of the above changes will nullify this warranty. Customer will in such case bear the total cost of determining that such change was the cause. When non-Aviat Networks radio equipment is installed on a surveyed path, or when the installation is not performed by Aviat Networks or a Aviat Networks certified Value-Added Service Provider, Aviat Networks' responsibility under the terms of this warranty will be limited to re-surveying the path.

D. Aviat Networks will not be responsible for degraded path performance when such degradation is due to anomalous propagation conditions such as: (1) long-term loss of fade margin due to antenna decoupling misalignment caused by widely varying k-factor changes; (2) long-term loss of fade margin due to Atmospheric Boundary Layering (ABL) causing wavefront defocusing (beam spreading), signal entrapment, "blackout" fading, and other such occurrences; (3) excessive rain outage rates beyond those published in the agreed to standards used in the calculations (Crane, ITU, regional, etc.); (4) degradation resulting from certain types of multipath interference attributed to unidentifiable off-path terrain features and/or structures; or (5) any other technological or atmospheric condition not foreseeable through the exercise of prudent engineering knowledge and judgment.

E. Where anomalous propagation is suspected on an installed microwave path, Aviat Networks will work with Customer to obtain reasonable evidence that such condition exists. The total retroactive costs for such study will be the responsibility of Customer with Aviat Networks providing in-office engineering support. The cost of relocating towers, antennas, passive reflectors or other measures required to remedy this type of problem will be the sole responsibility of Customer.

c) SOFTWARE WARRANTY.

A. Aviat Networks warrants that during the Software Media Warranty Period stated in the Warranty Coverage Matrix (section 12.e)), all physical media ("Software Media") for the Licensed Programs shall be free of defects in material or workmanship.

B. Aviat Networks warrants that during the Software Warranty Period stated in the Warranty Coverage Matrix (section 12.e), the Licensed Aviat Networks Programs will substantially conform in all material respects with Aviat Networks' specifications for the Licensed Aviat Networks Programs when installed, operated, and used as recommended in the related documentation and in accordance with this Agreement.

C. This Software Warranty does not apply to any Software Media or Licensed Programs that:

(1) has been altered or modified, except by Aviat Networks;

(2) has not been installed, operated, repaired, or maintained in accordance with instructions supplied by Aviat Networks;

(3) user's failure to promptly install all maintenance releases that Aviat Networks has previously made available to the user of the Licensed Programs;

(4) has been subjected to abnormal physical or electrical stress, misuse, negligence, or accident;

(5) the operation of, or access to, Customer's or a third party's system or network;

(6) any open-source components, beta software, software that Aviat Networks makes available for testing or demonstration purposes, temporary software modules or software for which Aviat Networks does not receive a license fee;

(7) has been used in ultra-hazardous activities.

d) **LIMITATIONS ON WARRANTIES.**

A. Aviat Networks shall not be liable for a breach of the warranties set forth Section 12.a) to c) unless: (i) Customer gives written notice of the defective Equipment, Licensed Programs or Services, as the case may be, to Aviat Networks within five (5) business days of the time when Customer discovered or ought to have discovered the

defect, with a description of the defect with detailed information, which will enable Aviat Networks to identify the defect and determine its probable cause; (ii) if applicable, Aviat Networks is given a reasonable opportunity after receiving the notice of breach of the warranty to examine such defective items and Customer (if Aviat Networks so requests) returns such defective items to the address advised by Aviat Networks, at Customer's cost, for the examination to take place there; and (iii) Aviat Networks reasonably verifies Customer's claim that the Equipment, Licensed Programs or Services are defective.

B. Aviat Networks shall not be liable for a breach of the warranties set forth Section 12.a) to c) if: (i) Customer makes any further use of such Equipment, Licensed Programs or Services after it gave such notice; (ii) the defect arises because Customer failed to follow Aviat Networks oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Equipment, Licensed Programs or Services; or (iii) Customer alters or repairs such Equipment, Licensed Programs or Services without Aviat Networks' prior written consent.

C. Subject to the preceding paragraphs of this Section 12.d), during the Equipment Warranty Period, Aviat Networks shall, in its sole discretion, either repair or replace defective Equipment (or the defective part) provided that Customer shall, at Customer's expense (including freight, handling, custom clearance and insurance charges), return the defective Equipment to the repair center advised by Aviat Networks.

D. Subject to the preceding paragraphs of this section 12.d), during the Software Warranty Period, Aviat Networks shall provide, free of charge, a corrected copy of any portion of the Licensed Aviat Networks Programs which is found by Aviat Networks' inspection not to be in substantial compliance with the published specifications for such Licensed Aviat Networks Program. If we are unable to provide a corrected copy of the Licensed Aviat Networks Programs within a reasonable time, we will replace the same with a functionally similar program or refund to Customer the amounts paid to license such Licensed Aviat Networks Programs.

E. Subject to the preceding paragraphs of this section 12.d), with respect to any Services subject to a claim under the Services Warranty, Aviat Networks shall, in its sole discretion, (i) repair or re-perform the defective Services or (ii) credit or refund the amounts paid by Customer for such defective Services.

F. CLAIMS UNDER ANY OF THE FOREGOING WARRANTIES (SECTION 12.A) to C)) ARE WAIVED UNLESS MADE WITHIN THE RELEVANT WARRANTY PERIOD.

G. NO PERSON IS AUTHORIZED TO GIVE ANY OTHER WARRANTIES OR TO ASSUME ANY OTHER LIABILITIES ON OUR BEHALF.

H. THE REMEDIES SET FORTH IN SECTION 10.d) C), D) and E) CONSTITUTE AVIAT NETWORKS' SOLE AND EXCLUSIVE LIABILITY HEREUNDER AND CUSTOMER's SOLE AND EXCLUSIVE REMEDY FOR BREACH OF THE LIMITED WARRANTIES SET FORTH IN SECTION 12.a) to c).

I. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES (EXCEPT AS TO TITLE), WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, ANY IMPLIED WARRANTY OR CONDITION OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OR CONDITION ARISING OUT OF COURSE OF DEALING, COURSE OF PERFORMANCE, OR CUSTOM OR USAGE OF TRADE.

J. WITHOUT LIMITING THE FOREGOING, AVIAT NETWORKS MAKES NO WARRANTY OF ANY KIND THAT THE LICENSED PROGRAMS OR DOCUMENTATION, OR ANY PRODUCTS OR RESULTS OF THE USE THEREOF, WILL MEET CUSTOMER'S OR OTHER PERSONS' REQUIREMENTS, OPERATE WITHOUT INTERRUPTION, ACHIEVE ANY INTENDED RESULT, BE COMPATIBLE OR WORK WITH ANY SOFTWARE, SYSTEMS, OR OTHER SERVICES, OR BE SECURE, ACCURATE, COMPLETE, FREE OF HARMFUL CODE OR ERROR FREE. ALL OPEN-SOURCE COMPONENTS AND OTHER THIRD-PARTY MATERIALS ARE PROVIDED "AS IS" AND ANY REPRESENTATION OR WARRANTY OF OR CONCERNING ANY OF THEM IS STRICTLY BETWEEN CUSTOMER AND THE THIRD-PARTY OWNER OF SUCH OPEN-SOURCE COMPONENTS AND THIRD-PARTY MATERIALS.

K. CUSTOMER AGREES THAT NO CIRCUMSTANCE CAUSING ITS EXCLUSIVE AND LIMITED REMEDIES TO FAIL IN THEIR ESSENTIAL PURPOSE SHALL INCREASE OR EXTEND ANY OF AVIAT NETWORK's WARRANTY.

APPENDIX B: RETURN MATERIAL AUTHORIZATION SUPPORT AND TECHNICAL ASSISTANCE CENTERS

NOTE: Customer(s) will be advised to ship to the designated repair center at time of Return Material Authorization (RMA) issuance.

The contact information for these Centers do change, and we recommend that if there are any issues with contacting any of the phone numbers, fax numbers or emails below Customer should refer to the Aviat Networks' most up-to-date listing at the **AviatCare** Online Support Web Portal:

<table>
<tr><th colspan="4">For AVIAT NETWORKS manufactured products, please contact:</th></tr>
<tr><th>Region</th><th>Repairs, Returns & Advance Replacements</th><th colspan="2">Technical Assistance</th></tr>
<tr><td rowspan="2">AMERICAS</td><td rowspan="2">Phone: 1-800-227-8332
(Selecting Option 2, then 1)
Direct number: 1-210-526-6345
Fax: 1-210-526-6315
E-mail: CustomerCare.Americas@aviatnet.com

Online RMA Request:
https://aviatcloud.com/rma_tracking.asp</td><td colspan="2">Phone: 1-800-227-8332 (Option1, enter PIN, press 1 to confirm PIN, then Option 1 for TAC)
Direct number: 1-210-526-6345
Fax: 1-210-526-6315
E-mail: TACAM@aviatnet.com
Online Technical Assistance Request: www.aviatcloud.com</td></tr>
<tr><td>Network Operations Center (NOC)
Phone: 877-662-7871 opt 1, 24x7
Email: noc.notifications@aviatnet.com</td><td>NOC Escalation Contacts
Stephen Berger, Sr. Manager
Phone: 210-973-4218
Email: stephen.berger@aviatnet.com</td></tr>
<tr><td>ASIA PACIFIC/ CHINA/ INDIA</td><td>E-mail: CustomerCare.Asia@aviatnet.com

Online RMA Request:
http://support.aviatnetworks.com/frf/main.asp</td><td colspan="2">Direct number: 1-210-526-6345
E-mail: tacsupport@aviatnet.com

Online Technical Assistance Request:
http://support.aviatnetworks.com</td></tr>
<tr><td>EUROPE, MIDDLE EAST/ AFRICA/ RUSSIA/ CIS</td><td>Direct number: 1-210-526-6345
E-mail: CustomerCare.EMEA@aviatnet.com

Online RMA Request:
http://support.aviatnetworks.com/frf/main.asp</td><td colspan="2">Direct number: 1-210-526-6345
E-mail: tacsupport@aviatnet.com

Online Technical Assistance Request:
http://support.aviatnetworks.com</td></tr>
</table>

NOTE: In several countries, there are local contact numbers to access Technical Support services. These local numbers are only available to Customers who have **AviatCare** Support Agreements. Please contact your Support Services primary representative for more information.

APPENDIX C: DEFINITIONS

"**Advance Replacement Unit**" means a replacement for a defective unit that is provided to the Customer before the defective unit is received by Aviat Networks.

"**Aviat Networks Repair Center**" means the Aviat Networks Repair and Service Logistics Center, which provides Repair Services and/or Advance Replacement Unit for Aviat Networks Product families. The Aviat Networks Repair Center supports both in- warranty repairs and out-of-warranty services. For a full listing of these Centers, please see Appendix B.

"**AWB**" means Airway Bill.

"**Commissioning**" means that event which shall be deemed to have occurred if (a) Aviat Networks performs installation and testing when either Aviat Networks concludes site testing and turns over the equipment to the Customer or the Customer places the equipment in service; or (b) when Aviat Networks delivers the Equipment to the Customer without having an obligation to perform installation.

"**Damaged Beyond Repair**" means damages (whether occurring while the Product or Returned Unit(s) is in the Customer's possession or during the shipping process and including, but not limited to, physical or corrosive damages) or a catastrophic failure (including, but not limited to, an electrical transient) that Aviat Networks cannot repair.

"**DAP**" means Delivered at Place.

"**Documentation**" means the written or electronic user instructions provided by Aviat Networks related to a Product.

"**FRU**" means an Aviat Networks-manufactured or provided Field Replaceable Unit, normally a hardware plug-in unit that is sent to Aviat Networks for repair or replacement.

"**Hardware**" means that portion of the Product made up of Field Replaceable Unit(s) that may need to be repaired or replaced.

"**Licensed Materials**" means, collectively, the Software and its Documentation.

"**Product**" means those goods, supplies, materials, articles, items, parts, components, and assemblies, including the Licensed Materials that are sold and/or licensed by Aviat Networks. Notwithstanding the foregoing, Aviat Networks may (in its sole discretion and at any time) exclude any good, supply, material, article, item, part, component and/or assembly, including the Licensed Materials, from the definition of "Product."

"RMA" means Return Material Authorization.

"**RMA Number**" means Return Material Authorization number assigned for each request related to returning an FRU to Aviat Networks for replacement or repair.

"**Return and Repair**" means the process of sending an FRU back to Aviat Networks for repair or replacement. Aviat Networks is not obligated to provide a replacement FRU under this service level until the FRU is received at one of our regional repair centers. Once the FRU has been received, the standard turnaround time is then calculated against when Aviat Networks ships the FRU back to the Customer, not when they receive it.

"**SLA"** means Service Level Agreement; AviatCare Support Agreements may contain an SLA as part of the service agreement entered into between the Customer and Aviat Networks. It formally outlines the terms of the agreement and defines service level details to which Aviat Networks will perform. AviatCare SLAs do not carry any expressed warranty or guarantees.

"SOW" means Statement of Work; AviatCare Support Agreements may contain an SOW as part of the service agreement entered into between the Customer and Aviat Networks. The SOW is a document that captures and defines the work activities, deliverables, and timelines against which Aviat Networks will execute. AviatCare SOWs do not carry any expressed warranty or guarantees.

"**Software**" means the Aviat Networks computer programs, digital instructions and control data (including but not limited to all enhancements, modifications, extensions, parts, portions or expansions) that are provided to the Customer in executable, object code form, regardless of the form in which such programs, instructions or data is recorded and regardless of the manner by which programs, instructions or data is made available to the Customer. Software includes, without limitation, firmware associated with the Product. Software does not include source code or proprietary design information.

"**TAC**" means an Aviat Networks' Technical Assistance Center.

"**Technical Support**" means the answers Aviat Networks gives in answering technical queries and resolving technical issues raised to the TAC Centers worldwide. Technical queries and issues can be raised by telephone, email and via the AviatCare Online Web Portal and shall receive a prompt response and be resolved according to TL9000 quality guidelines.

"**Trouble Ticket" or "(TT)**" means a technical issue, problem or question communicated by the Customer via the web, email or phone to Aviat Networks TAC concerning the Product installed in the Customer's network. A Trouble Ticket represents the unique record for each call and is indexed by Customer's name, PIN and/or keywords assigned to the call.

"**TSE**" means an Aviat Networks Technical Support Engineer.

AVIATCARE SUPPORT AND MANAGED SERVICES

Whether you need support for product that has been in operation for years, or you are migrating to the latest IP technology, Aviat Networks can provide a broad range of support and managed services focused on ensuring that you are getting the most from your investment - today and into the future.

AVIATCARE

Aviat Networks offers industry-leading support and managed services which are focused on optimizing the investments you have made in your network infrastructure. From standard warranty to the full outsourcing of your network support infrastructure, Aviat Networks offers you a proven history working with our customers in delivering quality solution at a cost effective price. Within AviatCare, our two fundamental service offerings are the AviatCare Protect and AviatCare Maintain service portfolios.

AVIATCARE PROTECT

Our AviatCare Protect portfolio is focused on customers who need basic maintenance services to support their network. Generally, this encompasses the key areas of: product repair, software maintenance and, of course,technical support from our experts when you need it. Aviat offer two levels of support into this portfolio.

Extended Warranty

At the entry level, Aviat offers customers the opportunity to extend the level of warranty support offered at the time of purchase. This service is ideal for customers looking for a low-cost insurance policy that ensures equipment is repaired when you need it without the administrative hassles of individual Purchase Orders.

In addition, as with all AviatCare support packages, customers receive prioritized access to Aviat's technical support teams 24x7.

WarrantyPlus

For customers requiring a more specialized or enhanced support plan, Aviat Networks offers our Warranty Plus service portfolio. Warranty Plus support includes expedited product repairs, priority 24x7 technical support access, software support and software downloads, advance replacement, and repair logistics beyond standard warranty support expectations.

Developing a comprehensive service portfolio requires more than simply adding services, but also delivering those services in a cost-effective manner so value is realized by reducing overall operating expenses. With Warranty Plus, Aviat Networks delivers a high-quality service package at a competitive price ensuring operational effectiveness of your network investment.

KEY BENEFITS OF AVIATCARE

- Simplified, single contract
- Unlimited repair and return support
- Avoid costly pay-as-you-go repairs and longer turnaround times
- Minimize network operation downtime
- Priority support and open access to Aviat's USA-based Technical Assistance Center
- Reduced administrative financial processing - a single PO vs. multiple, per event POs
- Simplified planning and budgeting - Contracted single or multi-year pricing, with discounts available
- Convenient, reliable access to the AviatCloud Support Portal for downloading the latest software updates and product documentation
- Rapid access to online Technical Support Knowledge Base
- Access to variety of enhanced services, including:
  - Comprehensive logistics
  - Advanced replacements
  - Corrective maintenance
  - Preventive maintenance
  - Remote network monitoring
  - HAS/FAS
  - ProVision Plus
  - Radio software upgrade

AVIATCARE MAINTAIN

Aviat Networks understands we support a broad customer base with different cost drivers, operational priorities, and critical success factors. In order to meet the unique requirements of each customer, Aviat has developed a broad range of managed services which can be tailored to a customer's specific needs.

The AviatCare Maintain Managed Services portfolio is a full suite of lifecycle support options designed to assist customers in maintaining their networks at its peak performance. Lifecycle support services go beyond standard warranty and repair and focus on proactive and preventive based service offerings.

Available Managed Services include: preventive maintenance, corrective maintenance, remote network monitoring, remote and onsite radio software upgrade, hosted/managed HAS, and hosted/managed FAS. When you combine Managed Services with those listed under the AviatCare Protect portfolio, you can rest assured your network will be running at its best for years to come.

OUR COMMITMENT – UNPARALLELED EXPERIENCE IN THE INDUSTRY

AviatCare Support and Managed Services agreements are designed to offer flexible network support solutions to minimize the risk of downtime, improve network performance, and provide customers peace of mind. AviatCare provides a level of protection to your investment that is unparalleled. We can tailor a support package to address your operational requirements, performance commitments, and budgetary constraints.

With nearly 50 years of supporting our customers, our commitment has always been, and continues to be, delivering the highest level of professional maintenance and support services for your data, voice and mobility networks.

THE RIGHT SOLUTION FOR YOU, YOUR BUDGET, YOUR OPERATION

Whether you are seeking an enhanced level of coverage for your in-warranty equipment or need to ensure that your upcoming out-of-warranty equipment has uninterrupted support, Aviat Networks can tailor a solution that meets your support and budgetary requirements. Our goal is to provide premier service and unsurpassed expertise to our customers from warranty to one of our AviatCare offerings.

AVIATCARE CUSTOMER COMMITMENT

Your network deserves the most comprehensive support plan available. AviatCare support agreements are designed to meet today's needs as well as your future requirements.

Our pledge is to deliver best-in-class services and peace of mind that your network is securely backed 24x7, wherever in the world you or your network operates.

This local presence ensures Aviat will be able to provide support quickly and efficiently for your mission critical services.



		AVIATCARE PROTECT			AVIATCARE MAINTAIN
DESCRIPTION OF SERVICE	STANDARD WARRANTY	EXTENDED WARRANTY	WARRANTY PLUS	PROVISION	MANAGED SERVICES
Remote Technical Assistance (8x5)	Included				
Standard Repair Services	Included	Included	Included		
Remote Technical Assistance (24x7)		Included	Included		
Repair Logistics Services			Included		
Advance Replacement			Included		
Software Support/Self Installation	Included	Included	Included		
ProVision Support				Available	
ProVision Plus Support				Available	
Preventive Maintenance					Available
Corrective Maintenance					Available
Remote Network Monitoring					Available
Radio Software Upgrade					Available
HAS (Health Assurance Software)					Available
FAS (Frequency Assurance Software)					Available

FOR MORE INFORMATION ON AVIATCARE:

Visit www.aviatnetworks.com/aviatcare or email us AviatCare.ServicesNA@aviatnet.com.

WWW.AVIATNETWORKS.COM

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Premier Wireless Services, LLC
PO Box 2576
Elko, NV 89803 US
775-934-2755
Cjimenez@pwsonline.net

PREMIER SERVICES
TELECOMMUNICATIONS AND GENERAL CONTRACTOR

Estimate

ADDRESS
Humboldt County
50 W Fifth Street
Winnemucca, NV 89445

ESTIMATE # 24114-1
DATE 10/08/2024
EXPIRATION DATE 10/31/2024

PROJECT
Installation of 3 MW Links

DESCRIPTION	QTY	AMOUNT
Labor needed to receive microwave radio equipment for the 3 microwave links and bench test the units to make sure all TX/RX powers are adequate and per manufacturers specifications	1	5,625.00
Labor to install all microwave equipment within the shelters by placing them into existing equipment racks, wiring power to each piece of microwave equipment from existing power plants/fuse panels, programming, commissioning, and pathing of microwave links.	1	37,500.00
Labor needed to install on the tower a total of 3 space diversity microwave links with single polarity, and installing a total of (1) inboard stiff arm per dish	1	91,612.99
Material needed for project such as EW90 single hole hanger kits, EW90 double hole hanger kits, stand off adapters, hose clamps, single stacks, triple stacks, stiff arm bracket anchor points, port boots, EW90 ground kits, providing of all Aviat equipment, etc.	1	497,747.25

TOTAL **$632,485.24**

Accepted By

Accepted Date

Exclusions: Weekend/Holiday work, Weather affecting access and work conditions, Return trips to site, snow removal, Increase in material costs, Site drawings, permitting, permit fees, relocating of any equipment, Relocating/damage to any existing utilities, special inspection, Performing of any site surveys, grounding, testing, night outages, programming, man lifts

HUMBOLDT COUNTY BOARD OF COMMISSIONERS
FY 2024-2025 COMMUNITY SUPPORT APPLICATION

General Information:

Organization: Lowry Grad Party Parent Committe Event Name: Lowry Grad Party (Safe & Sober Grad Party)

Event Dates: From: June 5,2025 To: June 6, 2025

Amount Requested: $3,000 Grant to cover Rental Fees: ☐ Cash Donation: ☑

Estimated Attendance of Event: Total: 250 Local %: 98 Visitor %: 2

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☒ Monthly: ☐ Quarterly: ☐ Semi-annually: ☐ Annually: ☐

Other: (Please explain) _____

Contact Information:

Name: Heather Rosex Phone Number: 775-304-4408 E-mail: hrexxx2@gmail.com

Address: 4820 Davis Ln City, State, Zip: Winnemucca, NV 89445

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes (X) No ( ) Please explain in detail. Use an additional sheet of paper if necessary This event is a safe, sober celebration of our graduated high school seniors. We provide food, games, and prizes/drawings throughout the night to encourage the seniors to celebrate without alcohol, while having multiple chances to win prizes to start them on their next life stage

What if any impact will this event have on the community's economy? Please be specific.
Graduation draws visitors into Winnemucca to see family members mark a major accomplishment. The Senior Grad party is just for the senior and one guest, but the longer they stay at the party, the less likely anything negative could happen to them celebrating in other ways.

How many citizens of Humboldt County will be positively affected by this grant/award?

Participants: 200+ Family members: 50+ Other citizens: 20+ (chaperons)

- Please break down as to numbers of: Children 50% Adults 50%

How will this expenditure of tax-payers' money benefit our community? Please be specific. Attendees will have a safe, cost free way to celebrate their graduation; staying prevents more accidents from happening on that night; families of the graduates have more peace-of-mind that their graduate is in a safe place

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain.

The grad party does not bring in significant revenue, but graduation in general brings many out of town visitors to celebrate

Estimated amount _____

If you have requested a greater amount this year than in last year's request, please provide a justification for it.

NA

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
Lowry Grad Party	$4,472.00	Roll-over/seed money & fundraising
	$	
	$	
	$	
	$	
	$	
	$	

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Heather Rorex — Name and Title (Printed)

Signature

10/31/2024 — Date

****

Humboldt County High School Rodeo Club
P.O. Box 1023
Winnemucca, NV 89446
(406)459-5191 Denni Byrd

October 19, 2024

Dear Humboldt County Board of Commissioners:

On May 2 through 4, 2025, Humboldt County High School Rodeo Club will be hosting our annual Humboldt County Jr. High and High School Rodeo for students 5th grade through 12th grade. The Humboldt County Board of Commissioners has been a proud sponsor of this event for several years. We write this in hopes of gaining your continued support for this year's event.

The Humboldt County Rodeo Club is one of the largest clubs in Nevada. There are many generations of rodeo families that continue to carry on this western tradition from our county. This event continues to provide a boost to our economy by bringing in several contestants, their families and spectators from across the state.

Humboldt County has represented Junior High and High School Rodeo well over the years. Last year we sent 11 contestants to Nationals, with several placing in the Top 10 of the world. We even had a Ribbon Roping Team of Henry Buchanan and Louise DeLong win the world in Junior High. The kids that represent Humboldt County at the Junior High and High School National Finals bring National recognition and acknowledgement to our small town.

We are asking for a funding request grant of $5,000 from the Humboldt County Board of Commissioners to help facilitate the cost of this event. Our estimated expense budget, in order to host this event, is to be approximately $54,050.00, to include stock contractor fees, insurance, feed, prizes, etc. Other funding for the event will come from local donations and sponsorships, club fundraisers, as well as contestant entry fees. If granted funds from your Board, our plan would be to use these funds to help pay the stock contractor and insurance for our rodeo.

We greatly appreciate all support given to this point and hope you will consider continuing to support this wonderful youth event!

Sincerely,

Denni Jo Byrd

Denni Jo Byrd, Acting Secretary

HUMBOLDT COUNTY BOARD OF COMMISSIONERS
FY 2024-2025 COMMUNITY SUPPORT APPLICATION

General Information:

Organization: Humboldt County High School Rodeo Club Event Name: Humboldt County Jr High & High School Rodeo

Event Dates: From: May 2, 2025 To: May 4, 2025

Amount Requested: $5,000 Grant to cover Rental Fees: ☐ Cash Donation: ☑

Estimated Attendance of Event: Total: 300-400 Local %: 30 Visitor %: 70

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☐ Monthly: ☐ Quarterly: ☐ Semi-annually: ☐ Annually: ☑

Other: (Please explain) _____

Contact Information:

Name: Denni Byrd Phone Number: (406)459-5191 E-mail: d2perky@gmail.com

Address: PO Box 1023 City, State, Zip: Winnemucca, NV 89446

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes ◉ No ○ Please explain in detail. Use an additional sheet of paper if necessary Our event brings constestants and their families from all over Nevada. Local community members are encouraged to come watch the event. This stimulates business amongst motels, restaurants, grocery stores, gas stations and local businesses for shopping. People start arriving Thursday night, leaving on Sunday, so it is a range of 4 days of people enjoying our community.

What if any impact will this event have on the community's economy? Please be specific.

With the contestants, families and fans being in town for these 4 days, it will stimulate the economy by the sales and services utilized by all these people. It is a positive, family friendly event enjoyed by many. Not only are there two full days of rodeo to enjoy, it also includes, shooting, trap, cutting and reining events.

How many citizens of Humboldt County will be positively affected by this grant/award?

Participants: 300 Family members: 150 Other citizens: 100

- Please break down as to numbers of: Children 250 Adults 300

How will this expenditure of tax-payers' money benefit our community? Please be specific. This event has taken place for over 50 years. It carries on the western way of life that many in our community have lived for generations. It promotes a family friendly activity for all to enjoy. It promotes the growth, development and talent of youth. It brings local entertainment to town that all can enjoy. Humbolt county has one of the larger rodeo clubs in Nevada and having the county support them is greatly appreciated.

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain. Due to the numbers of contestants and families present, this will bring revenue to grocery stores, restaurants, motels, tire shops, gas stations and local shopping for any needs these people will have over the 4 days. Having a town host a rodeo with amenities to help families traveling have what they need is an important thing as these families travel a lot. Estimated amount $50,000

If you have requested a greater amount this year than in last year's request, please provide a justification for it.
N/A - We are requesting the same amount

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
WCVA	$ 5,000	Facility Fees Paid
	$	
	$	
	$	
	$	
	$	
	$	

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Dennì Byrd Acting Secretary — Name and Title (Printed)

Dennì Byrd — Signature

10/19/24 — Date

****

(Z:) Budgets/Community Support Requests/2024-2025 Application Form

For Office Use Only:

Forward to Humboldt County Board of Commissioners for approval? Yes ◯ No ◯

Reason for decision? _____

_____

_____

_____	_____	_____
Name and Title (Printed)	Signature	Date

Additional Narrative

The Humboldt County Rodeo Club has been active for over 50 years, preserving and extending a multi-generational membership. The kids and families involved help the community in return for their support by doing community service projects, such as helping at the Tri-County Fair and the New Year's Eve Bronc Bash. This past year they also painted at the Trap Club. The club receives different requests at times, such as helping with the Grammar school Spook Night. When these requests come in, we send as many members as we can to help. We appreciate our community support and value giving back.

The Club works hard to engage members and support them to be their best. We welcome any members, even those that don't want to compete in a rodeo event. A key goal of the Humboldt Club is to maintain and carry on the Western Way of life.

General Information:

Organization: Paradise Valley Volunteer Fire Department Event Name: _____

Event Dates: From: 2024 To: 2025

Amount Requested: 3000.00 Grant to cover Rental Fees: ☐ Cash Donation: ☑

Estimated Attendance of Event: Total: _____ Local %: 40 Visitor %: 60

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☐ Monthly: ☐ Quarterly: ☐ Semi-annually: ☐ Annually: ☑

Other: (Please explain) _____

Contact Information:

Name: Dennis Deputy Phone Number: 7753040402 E-mail: 1stdeputydawg@gmail.com

Address: PO Box 19 City, State, Zip: Paradise Valley NV. 89426

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes ◉ No ○ Please explain in detail. Use an additional sheet of paper if necessary Firemen's Park is the main source of revenue for PVFD and is the venue for our annual Father's Day BBQ. During the warm months we rent tables,chairs and the main building for weddings,graduations,reunions,BBQs, memorials services and more which helps us maintain the park. Community Support grants have made it possible to replace all park structure roofs with metal as well as a build a new roof for our main shade. These improvements support our busy summer schedule which include Boy Scouts,NV Outdoor School,Basque Festival and several local school activities and of course a great Easter Egg hunt

What if any impact will this event have on the community's economy? Please be specific.
The Park is a major draw for Paradise and is our local recreational area for all sorts of get togethers that often support our two local businesses

- Please break down as to numbers of: Children 50 Adults 50

How will this expenditure of tax-payers' money benefit our community? Please be specific.
We are continually inproving and adding new or expanded features to our park. With the completion of a solid shade over our patio, events can not only enjoy shade but be protected from the weather. The 2 playgrounds make the park a fun place for kids and we have and want to add more permanent picnic tables around the playgrounds plus a BBQ for families that want to just spend a little family time in our beautiful park.

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain.
Paradise Valley has become a destination for a variety of people and events. We see people from all over the USA, and international. They come to Paradise Valley to visit and enjoy our community for many reasons; history,recreation,hunting,fishing,hiking, biking, picnics and some as a base camp for exploring the surrounding mountains so yes revenue follows Estimated amount

If you have requested a greater amount this year than in last year's request, please provide a justification for it.

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
	$	
	$	
	$	
	$	
	$	
	$	
	$	

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Dennis Deputy PVFD Park manager — Name and Title (Printed)

Signature

10/14/2024 — Date

****

(Z:) Budgets/Community Support Requests/2024-2025 Application Form

To;

The Paradise Valley Volunteer Fire Department is an organization that not only provides fire protection for Paradise Valley, Paradise Hills and surrounding areas but we also have fund raisers to support Firemen's Park, local youth organizations (4H and High School Rodeo Club) and offer scholarships to our Paradise Valley kids that graduate from Lowry.

This year's request is ear marked to add permanent tables and chairs to our playground/BBQ areas

Our goal is to support our community by constantly upgrading and improving Firemen's Park to be safe, well maintained and attractive for all to enjoy

Thanks for your consideration

Dennis Deputy

Treasurer Paradise Valley FD

HUMBOLDT COUNTY BOARD OF COMMISSIONERS
FY 2024-2025 COMMUNITY SUPPORT APPLICATION

General Information:

Organization: Albert M. Lowry High School Event Name: 2025 Graduation

Event Dates: From: 6/2/2025 To: 6/5/2025

Amount Requested: Event Cneter Grant to cover Rental Fees: ☑ Cash Donation: ☐

Estimated Attendance of Event: Total: 2000 Local %: 60 Visitor %: 40

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☑ Monthly: ☐ Quarterly: ☐ Semi-annually: ☐ Annually: ☐

Other: (Please explain) _____

Contact Information:

Name: Virginia Parker & Miranda Santos Phone Number: 775-623-8130 E-mail: vparker@hcsdnv.com & msantos@hcsdnv.com

Address: 5375 Kluncy Canyon Rd. City, State, Zip: Winnemucca, NV 89445

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes ◉ No ○ Please explain in detail. Use an additional sheet of paper if necessary Influx of family members visiting from out of town will enhance local businesses.

What if any impact will this event have on the community's economy? Please be specific.
Family members and visitors will use hotels, motels, camp grounds, restaurants, and gas stations.

How many citizens of Humboldt County will be positively affected by this grant/award?

Participants: 220 Family members: 500+ Other citizens: _____

- Please break down as to numbers of: Children _____ Adults _____

How will this expenditure of tax-payers' money benefit our community? Please be specific.
Graduation brings several thousand family members and friends into Winnemucca each year.

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain.
We had approximately 2,000 people attend our grauation ceremony last year. We estimate that at least half were from out of town. We expect at least the same amount of people this year.

Estimated amount _____

If you have requested a greater amount this year than in last year's request, please provide a justification for it.
Each year we request that the full rental amount of the event center to be covered, which would include any increase in cost from the Winnemucca Event Center.

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
No other funding	$0	
	$	
	$	
	$	
	$	
	$	
	$	

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Virginia Parker and Miranda Santos; Senior Class Advisors
Name and Title (Printed)

Virginia Parker Miranda Santos
Signature

10/10/2024
Date

****

(Z:) Budgets/Community Support Requests/2024-2025 Application Form

For Office Use Only:

Forward to Humboldt County Board of Commissioners for approval? Yes ◯ No ◯

Reason for decision? _____

_____

_____

_____	_____	_____
Name and Title (Printed)	Signature	Date

HUMBOLDT COUNTY BOARD OF COMMISSIONERS
FY 2024-2025 COMMUNITY SUPPORT APPLICATION

General Information:

Organization: Nevada Outdoor School Event Name: Nature in My World, NOS Nature Clubs

Event Dates: From: Nov. 2024 To: Sept. 2025

Amount Requested: $5,000 Grant to cover Rental Fees: ☐ Cash Donation: ☑

Estimated Attendance of Event: Total: 3,000 Local %: 100 Visitor %: ____

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☐ Monthly: ☑ Quarterly: ☐ Semi-annually: ☐ Annually: ☐

Other: (Please explain) ____

Contact Information:

Name: Melanie Erquiaga Phone Number: 775-623-5656 E-mail: Melanie.Erquiaga@NevadaOutdoorSchool.org

Address: 655 Anderson Street City, State, Zip: Winnemucca, NV, 89445

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes ◉ No ○ Please explain in detail. Use an additional sheet of paper if necessary Nature in My World provides supplemental outdoor learning experiences for K-8th grade students that supports classroom learning and enhance environmental literacy. This program directly supports Humboldt County students and teachers. NOS Nature Clubs provide opportunities for Humboldt County citizens of all ages to increase their Time Spent Outdoors, promoting and enhancing their physical, mental and emotional well-being.

What if any impact will this event have on the community's economy? Please be specific.
Nevada Outdoor School (NOS) programs deepen people's connection to, understanding of and respect for the natural world. NOS programs influence people to have postive relationships and interactions with our shared community outdoor spaces, decreasing the economic pressures of harm, deterioration or destruction of our community parks and recreation areas. NOS programs also increase people's Time Spent Outdoors, promoting ohysical, emotional and mental well-being which helps alleviate healthcare costs.

How many citizens of Humboldt County will be positively affected by this grant/award?

Participants: 3,000 Family members: 1,500 Other citizens: _____

- Please break down as to numbers of: Children 3,000 Adults 1,500

How will this expenditure of tax-payers' money benefit our community? Please be specific. Teachers and families with children in public schools will benefit from receiving supplemental outdoor education services from Nevada Outdoor School at no cost. All citizens will benefit from opportunities to participate in NOS Nature Club programs which provide opportunities to get outside responsibly. Additionally, all tax-payers will benefit from living in a community where citizens are empowered and inspired to take care of their outdoor spaces and responsibly interact with their environment.

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain.
No.

Estimated amount _____

If you have requested a greater amount this year than in last year's request, please provide a justification for it.
We are requesting the same amount this year as last year. Continued support and funding enables NOS to reach as many Humboldt County citizens as possible throughout the year.

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
AmeriCorps Nevada Grant	$ $64,000	Federal Grant - pays for personnel & training
NV Energy Foundation	$ $25,000	Corporate Foundation
Nevada Gold Mines	$ 20,000	Corporate Community Development Funding
Nevada Division of Forestry - Conservation Ed	$ $5,000	Conservation Education Grant
I-80 Gold (Premier Gold)	$ $2,500	Corporate donation
USFS Humboldt RAC Grant	$ 13,000	Humboldt RAC - Secure Rural Schools Grant
Union Pacific Railroad	$ 5,000	Corporate Foundation

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Melanie Erquiaga, Executive Director — Name and Title (Printed)

Melanie Erquiaga — Signature

10/25/24 — Date

****

October 25, 2024

Dear Humboldt County Commissioners,

For over 20 years, Nevada Outdoor School (NOS) has worked throughout Humboldt County and beyond to inspire exploration of the natural world, responsible stewardship of our habitat and dedication to community. National service is at the heart of what we do. The Nevada Outdoor School AmeriCorps program places national service members at a variety of non-profit organizations across rural Nevada, including right here at Nevada Outdoor School. Our AmeriCorps Outdoor Educators serving with NOS help provide a wide variety of youth, training and community programs that deepen people's connection to, understanding of and respect for the natural world. At NOS, we are all about getting people outside responsibly, increasing people's "Time Spent Outdoors" and providing them the motivation, knowledge and skills to be stewards of our environment. Utilizing our Action. Impact. Choice. (AIC) model and outdoor ethics philosophy, we challenge people to analyze their actions, evaluate the impacts, both positive and negative, those actions have and then choose wisely to positively impact their environment and minimize negative impacts when possible. We want Nevadans to be healthy, happy and engaged community members who feel connected to the natural world and choose to explore the outdoors responsibly.

Nevada Outdoor School is requesting $5,000 from the Humboldt County Commissioners to support our FY25 Nature in My World programs and NOS Nature Clubs.

NOS Nature in My World programs provide supplemental outdoor learning experiences to Humboldt County students throughout the school year. They help students develop critical thinking, problem-solving and 21st century skills while empowering and inspiring students to explore, discover, care for and respect our natural world. We are committed to reaching as many students as possible throughout the County because we know their value and believe that all kids regardless of their location should have that opportunity. The size and rural nature of Humboldt County makes getting out to the rural schools challenging and costly, however, NOS is committed to doing so. Funding from the Humboldt County Commissioners will help enable NOS to go out to each of the rural schools on a monthly basis to provide our fun and engaging programs.

NOS Nature Clubs provide opportunities for Humboldt County citizens of all ages to increase their "Time Spent Outdoors" with NOS through fun and engaging outdoor activities. Our Nature Clubs including the NOS Nomads hiking and walking club, TSO Club, and Nature Journaling Club offers community members at least 2 programs a month that encourage physical fitness and connection to nature.

We appreciate and look forward to the continued support from the Humboldt County Commissioners. Please see the attached support letter from Dr. Jensen and the School Board and our most recent Annual Report. We would love to invite the commissioners to attend any of our programs and see first-hand the great work we do in the community and for our Humboldt County students.

Thank you for your continued support and consideration,

Melanie Erquiaga

Melanie Erquiaga, Executive Director

655 Anderson Street
Winnemucca, NV 89445

Info@NevadaOutdoorSchool.org
Tax ID 501(c)(3): 90-0087367 ~ NV Reg. #RCE-013-789

Phone / Fax: (775) 623-5656
www.NevadaOutdoorSchool.org

Humboldt County School District

310 E. 4th STREET, WINNEMUCCA, NEVADA 89445-2831

TELEPHONE (775) 623-8100 FAX (775) 623-8102

DR. DAVID JENSEN
Superintendent

WILL JENSEN
Assistant Superintendent

October 28, 2024

Re: Humboldt County School District support of Nevada Outdoor School

Dear Humboldt County Commissioners,

Please accept this letter of support in behalf of the Nevada Outdoor School (NOS) as they apply for funding from the Humboldt County Commission. As a district, it has been our privilege to have a long-standing relationship with NOS providing outdoor and science education programs to our students throughout the district. This support has aligned to the Nevada Science Standards and has provided an understanding of key concepts that are not possible through other means. It is based on this positive impact that I provide this letter of support as NOS pursue grant and funding opportunities to continue the quality of services we have become so familiar with.

Humboldt County School District has the privilege to serve approximately 3,200 students in 11 schools. Of these schools, 4 schools are considered remote rural, with one operating as a K-12 program serving a predominantly Native American student population. Our mission is to prepare each one of these students for success in a diverse, global economy while ensuring that each are strong stewards of the resources that are available to them as a community and nation. However, as a small, rural district, we are challenged to provide the state-of-the-art support that our students and teachers deserve. To fill this gap, NOS has become a key partner in meeting this challenge.

Humboldt County School District believes in the importance of this work and we appreciate all that NOS has provided to our schools. It is with this in mind that the Humboldt County School District asks for your strongest consideration in supporting this beneficial and worthwhile endeavor. Should there be any additional questions which I can answer or address, please don't hesitate to contact me.

Sincerely,

Dr. David Jensen
Superintendent

NOS

Nevada Outdoor School . org

AmeriCorps

2023

ANNUAL REPORT



NEVADA OUTDOOR SCHOOL

PARTNERS

Funders and Program Partnerships

thank you ♥

We can do what we do because of you!

Employee Giving Programs (Matched by Employer)

Southwest Gas

Nevada Gold Mines

5th Gear Powersports

American Legion Post 5

AmeriCorps

Blach Distributing

Boys and Girls Club of Winnemucca

Bureau of Land Mangagment

California Trail Interpretive Center

Camp Chef

Canyon Construction

CarWil

Chukar Chasers Foundation

City of Elko

Community Foundation of Northern Nevada

Drake, Rose & Assoc.

Elevation Transport

Elko Bighorns Unlimited

Elko Broadcasting Company

Elko Convention and Visitors Authority

Elko County School District

Elko County

Elko Daily Free Press

Elko Institute for Academic Achievement

Family Support Center

Friends of Black Rock High Rock

Friends of Nevada Wilderness

Frontier Community Action Agency

Frontier Community Coalition

Great Basin College

Great Basin Sun

Grocery Outlet

High Mountain Metal

Hycroft

Humboldt Connection Suicide Prevention

Humboldt County Commission

Humboldt County School District

Humboldt County Sheriff

Humboldt General Hospital

I-80 Gold Corp.

Ignite Life Chiropractic

Khoury's Grocery Store

KNPB Public Television

Lander County Commission

Lander County School District

Leave No Trace

NEVADA OUTDOOR SCHOOL PARTNERS

Funders and Program Partnerships

McEwen Mining Nevada

MedX Air One

National Public Lands Day

Nevada Bighorns Unlimited - Midas

Nevada Chukar Foundation

Nevada Department of Conservation & Natural Resources

Nevada Department of Wildlife

Nevada Division of Environmental Protection

Nevada Gold Mines

Nevada Muleys

Nevada Off-Highway Vehicles Program

Nevada Offroad Association

Nevada State Parks

Nevada Volunteers

Nomadic Broadcasting

Norte Hunters

NV Energy Foundation

Off Road Nevada

Pleasant Senior Center

Port of Subs

RamCon Construction

Renown Pediatric Injury Prevention Specialist

Rocky Mountain Elk Foundation

Saggio Advertising

Sierra Nevada Journeys

Small Mine Development

Southern Nevada Conservancy

Southwest Gas

Spring Creek Association

Spring Creek Golf Club

SSR Mining Marigold

Shabonya Dutton, Agent

Stewart Title

Trail Trust by Fox Factory

Tread Lightly!

TC Energy

USDA Forest Service

Valt & Jordan Vetter Finacial Advisors

Vietnam Veterans of Winnemucca

Walmart Foundation

Wild Sheep Foundation

Winnemucca Golf Course

Yamaha Outdoor Access Initiative

LETTER FROM THE DIRECTOR

2023 was a year of festivity and triumph as Nevada Outdoor School (NOS) celebrated our 20th Anniversary as a Nevada nonprofit organization in good standing with so many accomplishments. Over the years we have built upon many partnerships and friendships, collaborations and alliances. Throughout this Annual Report, we highlight some of the great successes of the immediate past fiscal year, but also commemorate some milestones since 2003. We celebrate with you and because of you!

In 2002, Nevada Outdoor School was founded in Winnemucca to establish an outdoor education program in rural Nevada that would connect students of all ages with the natural world and create a sense of land stewardship. Receiving our nonprofit status in June of 2003, outdoor programming began in earnest in partnership with the Bureau of Land Management, AmeriCorps, the City of Winnemucca and Humboldt County. Since then, NOS has become the premier provider of environmental, outdoor and ethics education in rural Nevada partnering with many local agencies, organizations, non-profits, corporations and foundations, averaging over 30 different funding sources annually. Over the years, our programs and partnerships have evolved and expanded to serve more rural Nevada communities, including a second fully staffed office in Elko. This growth indicates both a need and a value in rural Nevada communities for quality outdoor learning experiences.

Our Youth Programs have expanded to include Eureka and White Pine Counties in addition to Lander, Humboldt, Pershing and Elko Counties, serving thousands of students each year, deepening their connection to the natural world and inspiring a care for our amazing outdoor spaces for generations to come. Our Nature Explorers Summer Camp Excursions spent 3,968 hours exploring and learning about some of Nevada's most beautiful and interesting outdoor gems. Next summer will be full of new and exciting places to visit that we haven't been to before including a few of our special Nevada State Parks.

Did you know that you can receive formal outdoor skills training certifications from Nevada Outdoor School? With certified experts on staff, we are currently providing Hunter Safety, Tread Lightly, Leave No Trace and OHV/ATV Safety Certifications regularly, as well as less formal Outdoor Skills workshops to help you be safe, smart and efficient when exploring or recreating outdoors.

Traveling throughout the state with the message of responsible outdoor recreation, you will see the NOS "Road Show" mobile outreach booth at many community events and Expos. We also support various partner's events, such as the California Trail Interpretive Center and Nevada Department of Wildlife. If you see us out there, stop by and say hello and be sure to sign up for our monthly newsletters, so you can receive the most up to date information regularly.

This year our Ride Safe, Ride Smart has expanded statewide to provide more Youth OHV Safety Camps in more communities, as well as School Assemblies and High School Health Class presentations about OHV Safety. We have been fortunate to solidify a partnership with the Nevada Offroad Association, Tread Lightly and the Renown Pediatric Trauma Prevention Specialist to provide free Axel offroad helmets to youth at targeted events where large groups are riding and there has been a history of fatal youth OHV accidents.

Our staff strive every day to better the world through their passion for our mission. Their work and enthusiasm make this job exciting and rewarding. Our partners are organizations and businesses with high standards and integrity. Our AmeriCorps Outdoor Educators consistently focus on outdoor skills and knowledge that improve their personal development, confidence and safety while recreating outdoors. Happily, my work at NOS enables me to see the very best in people as they, individually and through our AmeriCorps Host Sites, work to improve lives, communities and the environment.

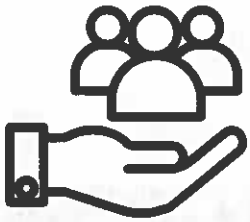
You, our donors, friends and partners are key to everything we do. From all of us at NOS, thank you for coming along this journey with us!

Melanie Erquiaga

Nevada Outdoor School

BY NUMBERS

What we do, because of you!



NATIONAL SERVICE

22 AmeriCorps Members at

5 Host Sites providing

12,929 hours of service



SCHOOL-BASED LESSONS

2,828

number of student interactions during the 2022-23 school year providing

7,807

hours of outdoor education!



NATURE EXPLORER

9 *Unique Summer Camps Offered*



Total Summer Camp Miles Driven in Fleet Vehicles

Hours Campers Spent Exploring the Outdoors

3,968



COMMUNITY OPPORTUNITIES

95 Outdoor skill workshops, community nature programs and hikes, and outreach events facilitated or attended serving

5,890 community members throughout Nevada

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AmeriCorps Nevada

Since 2007, Nevada Outdoor School has been an integral part of the AmeriCorps program in Nevada. Therefore, while Nevada Outdoor School *programming* has an outdoor-ethic focus, the **overall impact** of Nevada Outdoor School expands far beyond responsible outdoor recreation and includes improving the lives in senior centers to public land improvements and trail maintenance.



2023 Statistics

408
people served

84 acres
improved

376 volunteers

3,386 hours of
volunteer service

Lifetime Statistics

393
Members placed at Host Sites

308,285
Hours of Service that has improved Nevada

$1.3 million
Segal Education Award dollars

THE AMERICORPS EXPERIENCE CHANGES LIVES

In their own words...



Thanks to NOS and AmeriCorps, I've found my passion in teaching and I'll be continuing that after I exit. I get to go to college for Elementary Education thanks to the help of the amazing AmeriCorps education award, which I would not have been able to do before. I'm so excited to get to grow and expand on everything I've learned here at NOS, as well as teach others about what I've learned. I've learned how to be more confident in my abilities and in myself. I've also learned how to present myself, how to teach one on one, and how to teach to a large group as well. This goes for adults and children. I learned so many skills while serving here that I got to teach others in my community.

-- Kaitlin, serving at Nevada Outdoor School, Elko



I sent in my application to NOS AmeriCorps with very little knowledge of its purpose or expectations. I saw that it was an outdoors program with a lot of camping and teaching. Camping I was familiar with, but teaching was going to be a new experience that I was very nervous to attempt. I found that I really enjoyed working with kids. I came to realize how many amazing kids I met, and the amount of memories I made with my coworkers. It is truly an amazing and rewarding opportunity that I would highly recommend to anyone with a sense of adventure!

-- Stewart, serving at Nevada Outdoor School, Elko



Being an AmeriCorps member has been such a wonderful experience I'm beyond grateful for having the opportunity to be one. It has helped me become more of an outspoken person and has made me more confident in myself. I'm also grateful to have helped the FCAA. They are such wonderful people and go above and beyond to help our community which I admire.

--Johanny, serving at Frontier Community Action Agency, Winnemucca



My time as a restoration crew member spanned three transformative months. The shifting hues of the landscape mirrored the changes within me, as I questioned my place in the cycle of growth and decay. The journey towards self-discovery isn't linear; it's marked by moments of doubt and revelation, much like the land's perpetual transformation. As I embraced discomfort and sought change, I discovered the true essence of transformation—anchored in humility, renewal, and the intricate dance of growth shared by both the self and the natural world.

-- Dakota, serving at Friends of Nevada Wilderness







NOS PROGRAM FOCUS AREAS

YOUTH	TRAINING	COMMUNITY
Nature in My World School-Based Outdoor Learning Experiences	**Formal Trainings** Leave No Trace and Tread Lightly! Trainer Courses, Hunter Safety and Off-Highway Vehicle (OHV) Safety Training	**Nature Clubs** Community based programs focused on outdoor recreation and the natural world
Nature in the Park Hour long nature programs geared for 4 - 7 year olds	**Ride Safe, Ride Smart** NV OHV Safety Certification Program, Youth Rider Evaluation, School Assemblies, Community Events, and Camps for 7 - 17 year olds	**Road Shows** Customizable mobile education and outreach booth
Nature Explorers Outdoor exploration summer camps for ages 8 - 17	**Outdoor Skill Workshops** Workshops that increase skills and knowledge related to responsible outdoor recreation	**Partnered Programs** Programs and events where NOS supports outdoor education led by other groups

YOUTH PROGRAMS



Nature in My World

2,828 K-8th students in **6 rural Nevada Counties** were reached through **outdoor learning experiences**

Reaching underserved rural students in Pershing, Humboldt, Lander, Elko, Eureka & White Pine Counties



Nature in the Park

351 Hours of Time Spent Outdoors for **4-7 year olds** in **8** rural Nevada **Communities!**

Deepening youths' connection to, understanding of and respect for the natural world

YOUTH PROGRAMS



9 Outdoor Adventures throughout the summer for **88, 8-17 year olds** fostering **3,968 Hours of TSO** exploring Angel Lake, Ruby Valley, Lamoille Canyon, Lake Tahoe, Water Canyon, Santa Rosa Mountains, Wildhorse SRA, & Jarbidge Wilderness







LEAVE NO TRACE

Accredited Youth Program

As a fully Accredited Youth Program, Nevada Outdoor School demonstrates the highest commitment to providing rural northern Nevada youth with relevant and accessible Leave No Trace education.

TRAINING PROGRAMS

211

Providing people with the motivation, knowledge and skills to increase their Time Spent Outdoors responsibly!

Formal Trainings

Hunter Safety - 58 Participants
Tread Lightly! - 17 Participants
Leave No Trace - 28 Participants
OHV/ATV Safety - 32 Participants





Outdoor Skills Workshops

246 Participants developed their skills in winter survival, outdoor navigation, Dutch oven cooking, fishing, nature art, firearm safety, gardening and much more!

A.I.C. Action Impact Choice

nevadaoutdoorschool.org

Through guidance and support, NOS programs challenge people to analyze their actions, evaluate their impacts and choose wisely to positively impact the natural world and minimize negative impacts when possible.

TRAINING PROGRAMS



Ride Safe. Ride Smart (RS2)

3 RS2 Youth Camps - Putting helmets on kids!
403 Youth educated through RS2 Assemblies and classroom presentations
56 OHV riders contacts made









Take the course here!



NOS's OHV Certification Program officially launched in March 2023! So far, 28 people have completed this online training and youth rider evaluation!

COMMUNITY PROGRAMS

NOS Nature Clubs

201 Participants in Community Hikes & Walks explored **38 miles** in Nevada through the NOS Nomads Nature Club!



Increase Your Time Spent Outdoors with NOS!







Contact with nature is associated with increases in happiness, subjective well-being, positive affect, positive social interactions and a sense of meaning and purpose in life, as well as decreases in mental distress (Science Advances, Vol. 5, No. 7, 2019).

COMMUNITY PROGRAMS



Road Shows

2,109 Public Contacts Made!

Traveling the state with the message of responsible recreation

Partnered Programs

3,657 Public Contacts Made!

Supporting California Trail Interpretive Center (CTIC) events, Kids Fishing Day, Trout Release, Lamoille Canyon EE Days and much more!

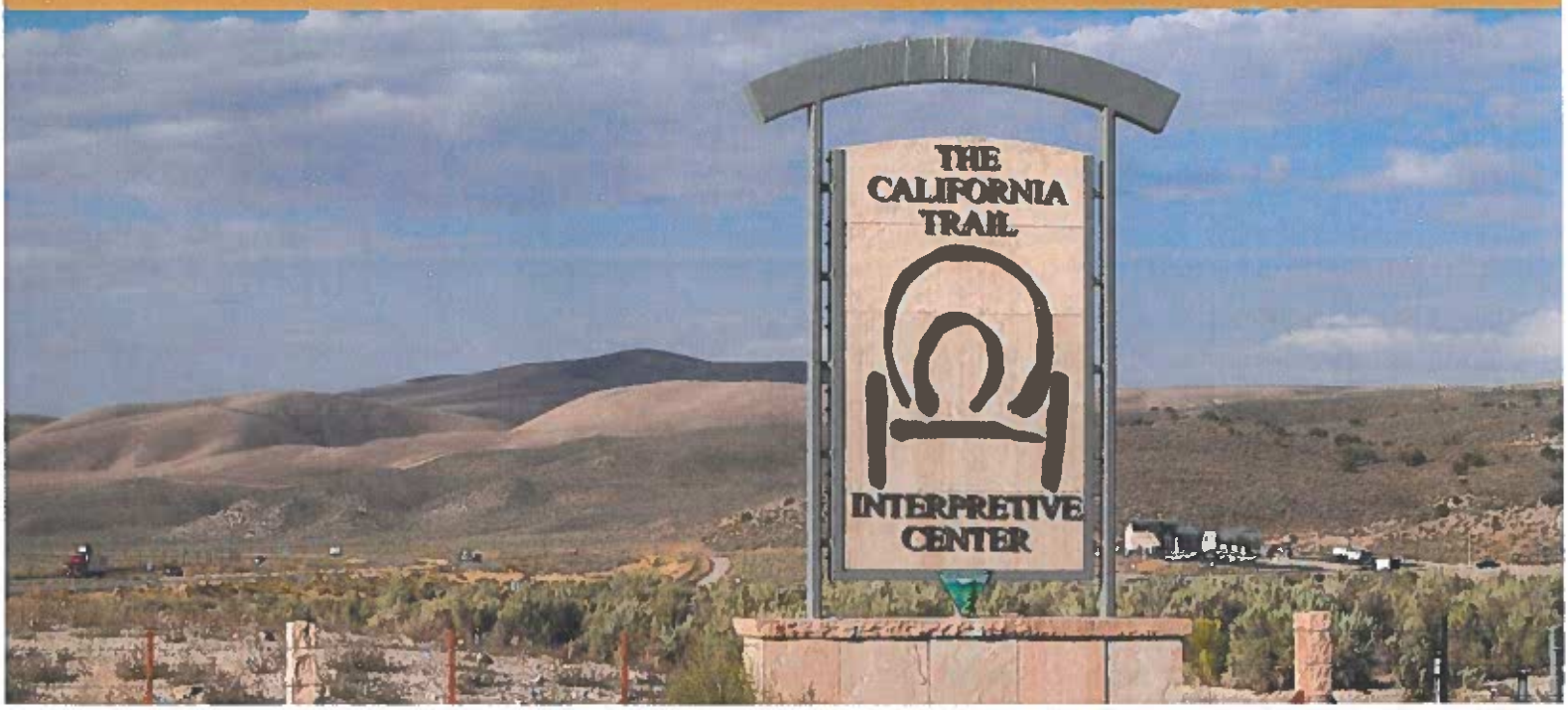


!!

Do you want Nevada Outdoor School programs in your community?
Email Information@NevadaOutdoorSchool.org

CALIFORNIA TRAIL INTERPRETIVE CENTER

Since 2017, we have had a NOSome Assistance Agreement with the Bureau of Land Managemen (BLM), Elko District to help staff the California Trail Interpretive Center (CTIC).



At CTIC, visitors can experience life size dioramas, original murals, exhibits on the native peoples and productions depicting the trek of the early pioneers. They can hike on accessible trails, through a wagon encampment and see a Shoshone village. It is a beautiful educational facility, and a partnership that opens a lot of possibilities for NOS programs!





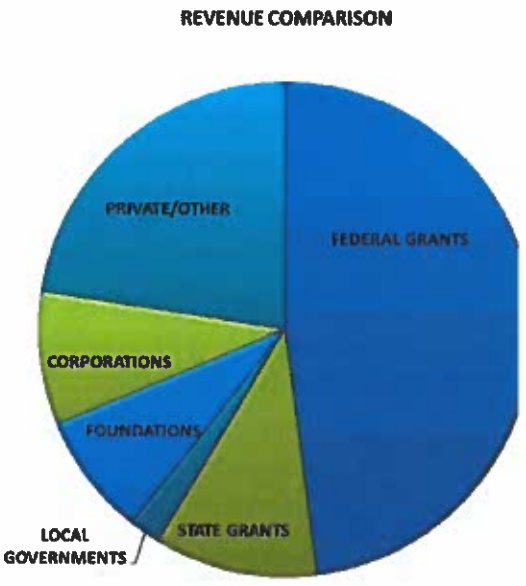


A NOS Programs Coordinator at the Trail Center provides field trips and Traveling Trunk classroom visits to Elko County School District students and enhanced visitor interpretive experiences to the general public!

FISCAL YEAR (FY) 2023 REVIEW

TOTAL REVENUE

AmeriCorps Nevada - Nevada Volunteers	$255,098	23.36%
AmeriCorps Host Site Partnership Match	$22,897	2.10%
Bureau of Land Management	$100,021	9.16%
Chukar Chasers	$1,500	0.14%
City of Elko	$5,000	0.46%
Elko Bighorns Unlimited	$5,000	0.46%
Elko Convention and Visitors Authority	$2,500	0.23%
Elko County Commission	$6,000	0.55%
Elko County School District	$7,500	0.69%
Employee Retention Tax Credit	$139,517	12.78%
Fundraiser Revenue	$37,729	3.46%
Humboldt County Commission	$5,000	0.46%
I-80 Corp	$3,000	0.27%
Lander County	$3,906	0.36%
Nevada Bighorn Unlimited - Midas Chapter	$5,000	0.46%
Nevada Chukar Foundation	$7,500	0.69%
Nevada Commission on Off-Highway Vehicles	$109,911	10.07%
Nevada Dept of Environmental Protection	$6,845	0.63%
Nevada Gold Heritage Fund	$16,487	1.51%
Nevada Gold Mines	$50,000	4.58%
Nevada Muleys	$10,000	0.92%
Nevada State Parks	$166,559	15.26%
NV Energy Foundation	$20,000	1.83%
Other Miscellaneous Donations	$20,024	1.83%
Rocky Mountain Elk Foundation	$4,600	0.42%
Small Mine Development	$7,500	0.69%
Southwest Gas Foundation	$3,500	0.32%
Southwest Gas Fuel for Life	$9,967	0.91%
SSR Marigold Mine	$5,000	0.46%
TC Energy	$30,000	2.75%
Trail Trust by Fox Factory	$10,000	0.92%
US Forest Service	$1,370	0.13%
Wild Sheep Foundation	$5,000	0.46%
Yamaha Off Road Initiative	$7,869	0.72%
Total REVENUE	$1,091,800	100.00%



TOTAL EXPENSES

Accounting	$7,916	0.86%
Advertising and promotion	$21,030	2.27%
Background checks	$1,138	0.12%
Employee benefits	$23,149	2.50%
Fundraiser Expenses	$24,773	2.68%
Information Technology	$10,343	1.12%
Liability Insurance	$36,172	3.91%
Occupancy	$37,981	4.11%
Office Expenses	$6,377	0.69%
Payroll taxes	$46,379	5.02%
Program specific supplies	$88,191	9.54%
Staff salaries	$372,115	40.24%
Stipends for AmeriCorps Members	$184,692	19.97%
Student lodging and transportation	$475	0.05%
Training/Conferences/Conventions	$5,895	0.64%
Travel Expenses (including Fuel)	$54,764	5.92%
All other expenses	$3,330	0.36%
Total EXPENSES	$924,720	100.00%

YEARLY COMPARISON

	FY 2018	FY 2019	FY 2020	FY2021	FY2022	FY2023
Income by year	$762,067	$650,651	$601,403	$655,891	$740,866	$1,091,800
Expenses by year	$759,666	$690,287	$610,677	$668,877	$755,169	$924,720

BOARD OF DIRECTORS

Gene Hunt - President & Treasurer
Tina Burke - Secretary
D'ette Mawson - Member
Angie Heguy- Member
Dr. Brandolyn Thran - Member
Krystal Gunn - Member



STAFF

Melanie Erquiaga - Executive Director
Dr. Brandolyn Thran - Associate Director and Science Advisor (Oct.-Jan.)
Karl Klein - Associate Director (Jan.-Sept.)
Zulma Mayorga - AmeriCorps Program Director
Sarah Welsh - Finance Director
Jessica Snaman Myers - Outreach Director
Jacklyn Orr - Communication and Marketing Specialist
Allana Havernick - Winnemucca Programs Coordinator
Meghan Sturgell - Elko Programs Coordinator

CALIFORNIA TRAIL INTERPRETIVE CENTER PARTNERSHIP

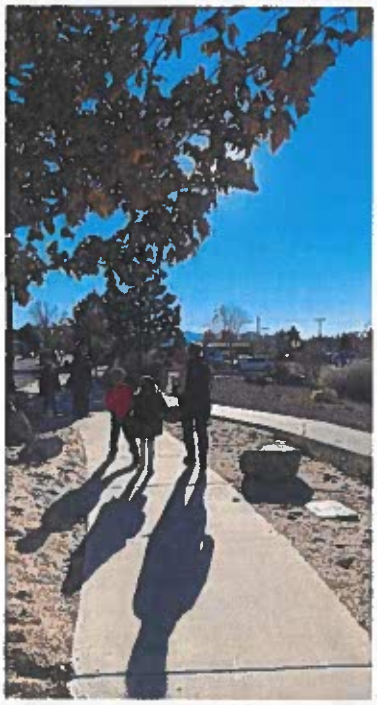
Nicholas La Palm - Interpretative Program Coordinator (Oct.-Apr.)
Macy Rohr - Interpretative Program Coordinator (Apr.-Sept.)

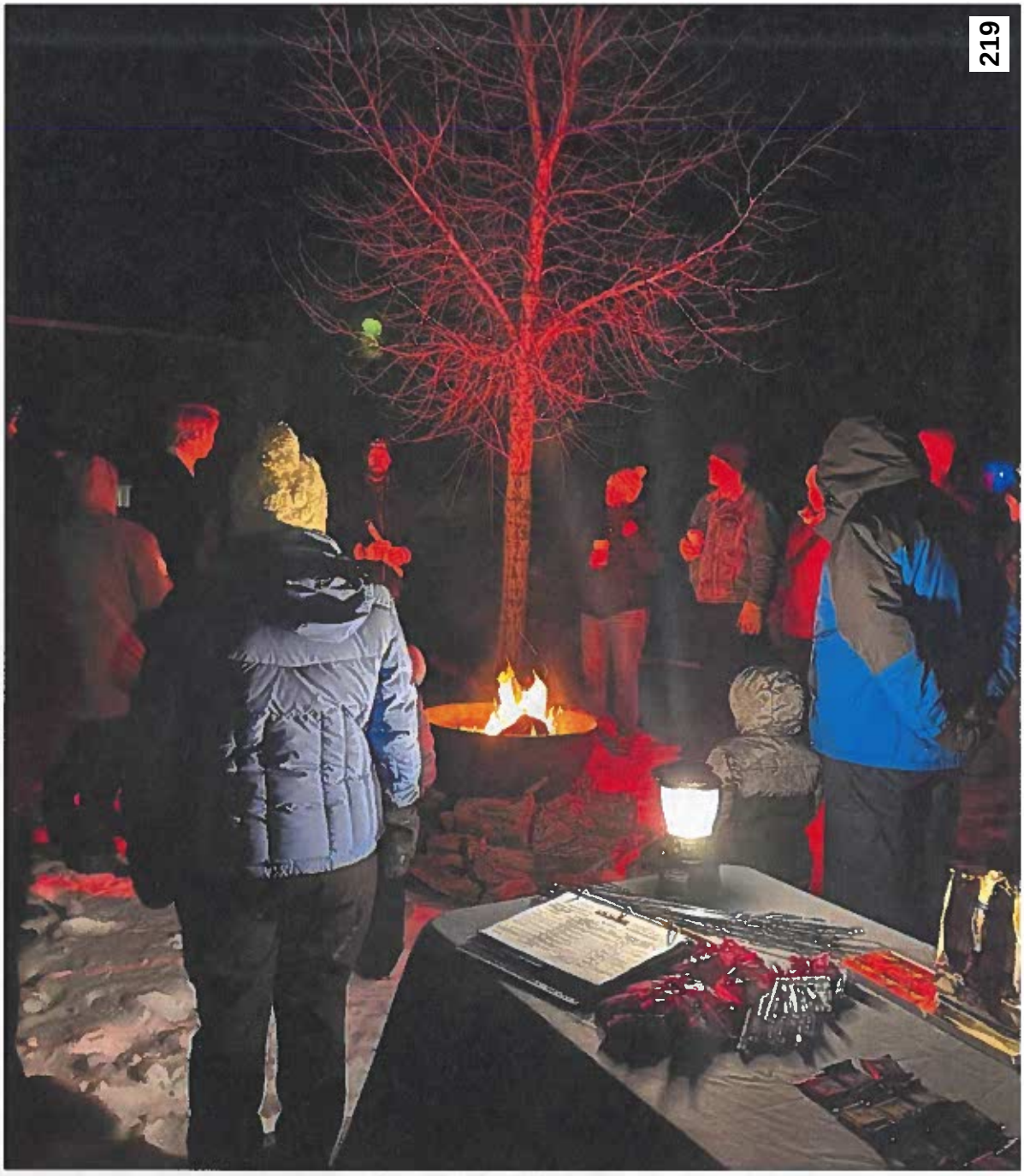
AMERICORPS MEMBERS - OUTDOOR EDUCATORS

2021 - 2023	Johnny Cooper
2022 - 2023	Jasmine Burnett
2022 - 2023	Kaitlin Phipps
2022 - 2023	Toni Coulter
2023	Noah Doyle
2023	Noah Clymens
Summer of 2023	Angie Gonzales
Summer of 2023	Stewart Nielson
Summer of 2023	Mayra Rivas
Summer of 2023	Sedric Zimmerman
Summer of 2023	Jesse Baird





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NOS





NOS

Nevada Outdoor School . org

AmeriCorps

655 Anderson Street, Winnemucca, Nevada 89445 775-623-5656
2363 North 5th Street, Unit 102, Elko, Nevada 89801 775-777-0814
www.nevadaoutdoorschool.org

HUMBOLDT COUNTY BOARD OF COMMISSIONERS
FY 2024-2025 COMMUNITY SUPPORT APPLICATION

General Information:

Organization: Silver State International Rodeo, Inc. Event Name: Silver State International Rodeo

Event Dates: From: 6/30/25 To: 7/7/25

Amount Requested: $5,000 Grant to cover Rental Fees: ☐ Cash Donation: ☑

Estimated Attendance of Event: Total: 1000-2000 Local %: 20 Visitor %: 80

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☐ Monthly: ☐ Quarterly: ☐ Semi-annually: ☐ Annually: ◉

Other: (Please explain) _____

_____

_____

Contact Information:

Name: Kathy Gonzalez Phone Number: 7752172810 E-mail: gonzalezkd@yahoo.com

Address: 9585 Zaring Avenue City, State, Zip: Winnemucca

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes ◉ No ○ Please explain in detail. Use an additional sheet of paper if necessary See attached letter

_____

_____

_____

_____

What if any impact will this event have on the community's economy? Please be specific.

_____

_____

_____

_____

How many citizens of Humboldt County will be positively affected by this grant/award?

Participants: XX Family members: XX Other citizens: XX

- Please break down as to numbers of: Children 500 + Adults 1000 +

How will this expenditure of tax-payers' money benefit our community? Please be specific.

See attached letter

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain.

Estimated amount $4-10 million

If you have requested a greater amount this year than in last year's request, please provide a justification for it.

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
WCVA	$ 18,000	Sponsor
Boot Barn	$ 1,750	Sponsor
Wrangler	$ 1,500	Sponsor
Humboldt Ford	$ 1,200	Sponsor
Les Schwab	$ 500	Sponsor
NV Gold Mines	$ 5,000	Sponsor
Silver Standard/Marigold Mine	$ 1,000	Sponsor

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Kathy Gonzalez, Secretary		10/4/2024
Name and Title (Printed)	Signature	Date

****

(Z:) Budgets/Community Support Requests/2024-2025 Application Form

HUMBOLDT COUNTY BOARD OF COMMISSIONERS
FY 2024-2025 COMMUNITY SUPPORT APPLICATION

General Information:

Organization: Winnemucca Motocross Club Event Name: BBMX Rounds 1,5,7 (2025) 39

Event Dates: From: 3-8-25 To: 9-14-25

Amount Requested: $4,000 Grant to cover Rental Fees: ☐ Cash Donation: ☑

Estimated Attendance of Event: Total: 1200 Local %: 20 Visitor %: 80

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☐ Monthly: ☐ Quarterly: ☑ Semi-annually: ☐ Annually: ☐

Other: (Please explain) average 4 races per year. Series goes from Winnemucca to California, to Fernley and back. Winnemucca track holds seniority, therefore we have an opening race each year

Contact Information:

Name: Jasmyne Hughes Phone Number: 775-376-4292 E-mail: wmcamxclub@gmail.com

Address: 272 Welch Dr City, State, Zip: Winnemucca, NV 89445

Motocross mailing: P.O. Box 1714

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes ☑ No ○ Please explain in detail. Use an additional sheet of paper if necessary Motocross races bring in large amounts of visitors. Most visitors go into town to get fuel, food, groceries, hotels, and parts. Lots of our guest are from out of state so they love to visit the casinos.

What if any impact will this event have on the community's economy? Please be specific.

As mentioned above, our restaurants, gas stations, food trucks, hotels, Sonoma Cyclic, hotels (we partnered with Winners & Winnemucca Inn for discounted rooms), and grocery stores are all frequently visited

How many citizens of Humboldt County will be positively affected by this grant/award?

Participants: 30 Family members: 50 Other citizens: 100+

- Please break down as to numbers of: Children 40% Adults 60%

How will this expenditure of tax-payers' money benefit our community? Please be specific. The amount given will essentially go back into the community, plus extra, during race weekends by our visitors. We have the highest outcome of visitors than any other track. Winnemucca is becoming well known for motocross, so much so that many people come from surrounding states to ride at our track.

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain.
Yes we believe so. Our guests need to eat. Food trucks (local) come to the track & when the races are over, everyone goes into town to get food & fuel. Chihuahuas is a very popular favorite of racers Estimated amount $8,000 - 10,000 / race

If you have requested a greater amount this year than in last year's request, please provide a justification for it.
Usually we request enough to cover our sanitation fees and ambulance fees. However, things have dramatically increased. Please see the fees for our last [redacted] year of events.

Blue rooms = 2400 Trash = $934 Ambulance = $4340 Total = $7432

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
WCVA	$ 8000	pending
volunteers (@ $12/hr)	$ 7200	in-kind, required volunteer hours @ $12/hr
	$	
	$	
	$	
	$	
	$	

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Jasmyne Hughes - President — Name and Title (Printed)
Jasmyne Hughes — Signature
10-22-24 — Date

(Z:) Budgets/Community Support Requests/2024-2025 Application Form

HGH
Humboldt General Hospital

INVOICE

Attn: Shelly Smith
118 E Haskell St.
Winnemucca, NV 89445
Phone: 775-623-5222 Fax: 775-623-5904

DATE: September 12 2024
INVOICE # 9122024002
FOR: *Motocross Practice and Race day*

Bill To:
BBMX

DESCRIPTION	AMOUNT
EMS standby (Ambulance/Polaris two providers) 09-07-2024 0730-1400 (6.5) hours	$455.00
EMS standby (Ambulance/Polaris) 09-08-2024 0800-1700 (9) hours	$630.00
TOTAL	$ 1,085.00

Please remit payment to the above address. Attention Shelly Smith. Thank you!

INVOICE

Echeverria Pumping, LLC
5160 Grass Valley Rd
Winnemucca, NV 89445-9237

echeverriapumping@gmail.com
+1 (775) 623-2108

Winnemucca Motocoss Assoc.

Bill to
Winnemucca Motor Cross Assoc.
P.O. Box 1714
Winnemucca, NV 89446

Ship to
Winnemucca Motocoss Assoc.
8025 Jungo Rd.

Invoice details
Invoice no.: 24598
Terms: Net 30
Invoice date: 09/10/2024

#	Date	Product or service	Description	Qty	Rate	Amount
1.		**Services**	Portable Toilet Service	9	$50.00	$450.00
2.		**Services**	Portable Toilet Service - handicap unit	1	$90.00	$90.00
3.		**Services**	Hand wash station - DONATED NO CHARGE	1	$0.00	$0.00
4.			Serviced September 6 and September 10			$0.00

Total **$540.00**

Note to customer
Thank you for your business.

Humboldt County Landfill
50 West 5th St
Winnemucca, NV 89445
Phone: 775-623-6467

INVOICE

Billed To:
Winnemucca MX
Jasymne Hughes
PO BOX 1714
Winnemucca, NV 89446

DATE: 10/10/2024
INVOICE #: 12138
DUE DATE: 11/15/2024
TOTAL DUE: 103.75

CUSTOMER ACCOUNT # : 1344

ITEM DESCRIPTION	UNITS	PRICE	AMOUNT
Landfill / Uncompacted In County	25.00	4.15	103.75
TOTAL THIS INVOICE			103.75

SEPT24 LANDFILL ticket 284781 9/11/24

REMIT TO:
Humboldt County Treasurer
50 W. Fifth Street #102
Winnemucca, NV 89445

A copy of this invoice should accompany your check. Thank you!

HUMBOLDT COUNTY BOARD OF COMMISSIONERS
FY 2024-2025 COMMUNITY SUPPORT APPLICATION

General Information:

Organization: McDermitt Commmunity Inc Event Name: McDermitt Ranch Rodeo

Event Dates: From: July 4th, 2025 To: July 5th, 2025

Amount Requested: $3,000 Grant to cover Rental Fees: ☐ Cash Donation: ☑

Estimated Attendance of Event: Total: 200 Local %: 80% Visitor %: 20%

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☐ Monthly: ☐ Quarterly: ☐ Semi-annually: ☐ Annually: ☑

Other: (Please explain) _____

Contact Information:

Name: Natalie Maher Phone Number: 775-621-6398 E-mail: natalie.d.maher@gmail.com

Address: PO Box 435 City, State, Zip: McDermitt, NV 89421

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes ◉ No ○ Please explain in detail. Use an additional sheet of paper if necessary The McDermitt Ranch Rodeo is a non-profit whose occurrence supplies local businesses with a once a year boom in business. The motel is fully booked, the Say When Casino experiences a yearly optimum crowd, and the Ideal Market, gas stations, and all eating establishments are busy during this event.

What if any impact will this event have on the community's economy? Please be specific.
The McDermitt Ranch Rodeo fuels two days of steady and atypical business in this small community. Although it is difficult for our organization to put an exact dollar amount on the boost in the economy, we believe that it would fall in the $15,000 to $25,000 range, depending on the year.

How many citizens of Humboldt County will be positively affected by this grant/award?

Participants: 50-75 Family members: 50 Other citizens: 75-100

- Please break down as to numbers of: Children 80 Adults 120

How will this expenditure of tax-payers' money benefit our community? Please be specific.
The tax-payer's money will generate additional tax dollars from the motels, eating and fuel establishments, and the local store. In turn these tax dollars will provide entertainment and local pride in the community that has few events and has seen a decline in population and community participation.

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain.
Anyone who lives in Humboldt County is aware of the difficulties this small border town is experiencing in its financial growth and its community involvment. This event is the one, single event which brings a sizable crowd form the outside and draws community, and outlying community members to McDermitt to enjoy themselves and as a result generate revenue. Estimated amount $13,000 to $16,000

If you have requested a greater amount this year than in last year's request, please provide a justification for it.
Requesting the same amount

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
Pending- McDermitt Community Inc	$ 5,000	Cash to be used for Repairs & Production
Estimate- Business Donations for 2025	$ 8,000	Buckles and Cash Prizes
	$	
	$	
	$	
	$	
	$	

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Natalie Maher - Secretary — Name and Title (Printed)
Natalie Maher — Signature
10/10/2024 — Date

****

NARRATIVE:

McDermitt Ranch Rodeo has existed for over 100 years and our board members work hard to maintain its authentic and small town rodeo feel while continuing to expand in this day and age. Our mission has remained the same during many years of production: McDermitt Rodeo Board's goal is to produce a quality event, which brings local ranchers and the men and women who work on ranches together with their family, friends, and community to compete and socialize. This has in return, generated a boost in revenue every year.

FUNDING REQUEST:

We remain a non-profit whose main focus is on maintaining and improving the facility and enhancing the quality of the main event and many sub-events. These events include the street events and dance which have always followed the rodeo.

With that goal in mind, the board discussed the following ways that funding could be used to expand and improve the events, so that we can draw in more teams and more spectators going forward:

$1,000- for prizes as we have a Youth, Women's and Men's Rodeo
$1,000- for more stock for added rodeo teams
$1,000- for water system improvement (hydrants and troughs)

RECEIVED
OCT 21 RECD
2024
Administrator / Commissioners

HUMBOLDT COUNTY BOARD OF COMMISSIONERS
FY 2024-2025 COMMUNITY SUPPORT APPLICATION

General Information:

Organization: Denio Community Club Event Name: Denio BBQ & Kids Events

Event Dates: From: June 7 2025 To: June 7 25

Amount Requested: 1000 Grant to cover Rental Fees: ☐ Cash Donation: ☑

Estimated Attendance of Event: Total: 150 Local %: 70 Visitor %: 30

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☐ Monthly: ☐ Quarterly: ☐ Semi-annually: ☐ Annually: ☑

Other: (Please explain) 60th annual event

Contact Information:

Name: Janet Johnson Phone Number: 775-304-3627 E-mail: aldercreek5@yahoo.com

Address: PO Box 15 City, State, Zip: Denio, NV 89404

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes ◉ No ○ Please explain in detail. Use an additional sheet of paper if necessary This is the main fundraiser for the Denio Community Club to help pay for our Community Hall. This will be the 60th annual event and the one rodeo event we have for the children of our community. It brings people together to partiipate and be spectators also. A great event, not to be missed.

What if any impact will this event have on the community's economy? Please be specific.
The event helps the Community Club to pay for the upkeep ad power bills for our Community Hall. It also brings people to our community who will stay at our local hotel, eat our our restaurants, and purchase fuel.

How many citizens of Humboldt County will be positively affected by this grant/award?

Participants: 75 Family members: 50 Other citizens: 25

- Please break down as to numbers of: Children 75 Adults 75

How will this expenditure of tax-payers' money benefit our community? Please be specific.
It will help hos a tradition that has been in the Denio Community for 59 years. A great even for children of our area. This is the oly rodeo even for our community.

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain.
Many participants come from neighboring Oregon communities and spend moey whil here, plus helping with fundraising for our Community Hall

Estimated amount

If you have requested a greater amount this year than in last year's request, please provide a justification for it.
requesting the same

We use the cash donation to purchase prizes for the kids events, all donation goes directly to the youth. Their entry fees are the fundraising for our Community Club.

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
Various local businesses	$2000	cash
NV Gold Mines	$1000	cash
	$	
	$	
	$	
	$	
	$	

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Janet Johnson, Awards Coordinator — Name and Title (Printed)

Janet Johnson — Signature

10/1/24 — Date

(Z:) Budgets/Community Support Requests/2024-2025 Application Form

October 1, 2024

Denio Community Club will be hosting the 60th annual Denio BBQ on June 7, 2025. The day will begin at the Denio Rodeo Grounds with Kids Events, Team Branding and Roping, and then later move to the Denio Community Hall for a delicious BBQ Steak Dinner and Dance.

The Kids Events will again feature rodeo-type events for children ages 0-17. Events include: Sheep Riding, Stick Horse Barrels, Barrel Racing, and Dummy Roping, along with more non-traditional events such as the Potato Race, Figure 8 Race, Goat Undecorating, and many more. There will be five age groups: 3 and under, 4-6 years, 7-9 years, 10-12 years, and 13-15 years old. There is also a junior branding event for children ages 17-under.

We would like to ask for your generous support of the Denio Kids Events. All donations for the Kids Events go directly for prizes to make this a fun and memorable day for the children of our community. Any and all donations are greatly appreciated. The Kids Events are solely funded by donations, and all children attending receive prizes.

Thank you in advance for the possibility of your generous support of the Denio Kids Events held in conjunction with the Denio BBQ and Family Events. The Denio Community Club is a non-profit organization.

Donations can be made to Denio Community Club and mailed to:
Denio Community Club
PO Box 15
Denio, NV 89404

Sincerely,

Janet Johnson
Denio Kids Awards Coordinator

HUMBOLDT COUNTY BOARD OF COMMISSIONERS
FY 2024-2025 COMMUNITY SUPPORT APPLICATION

General Information:

Organization: Silver State International Rodeo, Inc. Event Name: Silver State International Rodeo

Event Dates: From: 6/30/25 To: 7/7/25

Amount Requested: $5,000 Grant to cover Rental Fees: ☐ Cash Donation: ☐

Estimated Attendance of Event: Total: 1000-2000 Local %: 20 Visitor %: 80

Event Frequency (within Humboldt County/City of Winnemucca):

One Time: ☐ Monthly: ☐ Quarterly: ☐ Semi-annually: ☐ Annually: ☐

Other: (Please explain) _____

_____

_____

Contact Information:

Name: Kathy Gonzalez Phone Number: 7752172810 E-mail: gonzalezkd@yahoo.com

Address: 9585 Zaring Avenue City, State, Zip: Winnemucca

Narrative:

Please include the following information (preferred length not to exceed one page and attached to this application):

- Background – Describe the work of your agency/organization, addressing each of the following:
  - A brief description of the purpose and history of the organization
  - The organization's mission and goals
- Funding Request – Please explain the specific project to be funded including:
  - Summary of the project to be funded and timeline for implementation
  - What the goals of the project are, specific activities to be funded, and how the project contributes to the organization's overall mission

Economic Details:

Does the event support Humboldt County citizens/organizations? Yes ◯ No ◯ Please explain in detail. Use an additional sheet of paper if necessary See attached letter

_____

_____

_____

_____

What if any impact will this event have on the community's economy? Please be specific.

_____

_____

_____

_____

How many citizens of Humboldt County will be positively affected by this grant/award?

Participants: XX Family members: XX Other citizens: XX

- Please break down as to numbers of: Children 500 + Adults 1000 +

How will this expenditure of tax-payers' money benefit our community? Please be specific.

See attached letter

Will this grant/award result in any significant outside revenue coming into Humboldt County? Please explain.

Estimated amount $4-10 million

If you have requested a greater amount this year than in last year's request, please provide a justification for it.

How much in funding (grants, awards, donations, and in kind) have you received from other government agencies and all other sources for your organization, and have you any additional requests pending?

SOURCE	AMOUNT	TYPE
WCVA	$ 18,000	Sponsor
Boot Barn	$ 1,750	Sponsor
Wrangler	$ 1,500	Sponsor
Humboldt Ford	$ 1,200	Sponsor
Les Schwab	$ 500	Sponsor
NV Gold Mines	$ 5,000	Sponsor
Silver Standard/Marigold Mine	$ 1,000	Sponsor

If you have any further information that you believe would be useful to the Commissioners in making their decisions on funding, please attach it on a separate sheet.

Sponsor request certification:

The undersigned hereby certifies that undersigned has read the foregoing application, that it is correct, that undersigned is empowered by the sponsor to submit this application.

Kathy Gonzalez, Secretary — Name and Title (Printed)

Signature

10/4/2024 — Date

****

(Z:) Budgets/Community Support Requests/2024-2025 Application Form

Humboldt County Community Support Application 2024-25 Narrative
Great Basin College Winnemucca Center

Background:

Great Basin College (GBC) was founded in 1967 by visionary community leaders dedicated to enhancing access to higher education in rural northern Nevada. The college was initially established at Elko High School with just 367 students and 30 courses. Today, GBC proudly celebrates 56 years of service, supporting over 3,500 students across four campuses, including the GBC Winnemucca Center.

The college's grassroots origins give GBC a unique understanding and empathy for students, reflecting its journey from humble beginnings to a transformative institution. The college's mission "to transform lives through education," is focused on fostering student success and community development. GBC offers more than 50 Associate, Bachelor, and Certificate programs, collaborating closely with industry professionals to ensure its curriculum meets real-world workforce demands and connects students to sustainable career pathways.

Funding Request:

Great Basin College is requesting $1,500 to host the 2025 graduation ceremony for the Winnemucca Center at the Winnemucca Events Center on May 17, 2025. Our primary goal is to create an inspiring atmosphere that honors the academic achievements of our students and future community leaders. Holding the event at the Events Center will provide the necessary space to engage students, faculty, industry partners, and the wider community, fostering new connections and celebrating our shared commitment to education and civic leadership.

Commissioners' Grants and Contributions by Organization FY 2024-25 Applications

Organization	22-23 Award	23-24 Award	2024-2025 Request	Other funding received from WCVA	Project Summary
Drug Free Grad Party (Sober Grad)	$3,000.00	$3,000.00	$3,000.00		Party after graduation with est. attendance 500
HC High School Rodeo	$5,000.00	$5,000.00	$5,000.00	WCVA - $5,000 - years 2024 thru 2026	3-4 day rodeo with est. attendance 400
Paradise Volunteer Fire Dept.	$3,000.00	$3,000.00	$3,000.00		Annual Father's Day BBQ
Lowry Seniors' Graduation Ceremony	$3,000.00	$3,000.00	$3,000.00		Graduation Ceremony with est. attendance 2,000
Nevada Outdoor School	$5,000.00	$5,000.00	$5,000.00	Nevada Gold Mines, others	Supplemental outdoor education with est. attendance 3,000
Silver State Int'l Rodeo	$5,000.00	$5,000.00	$5,000.00	WCVA, Boot Barn, others	7-day rodeo with est. attendance 2,000
Winnemucca Motocross Association	$2,200.00	$3,060.00	$4,000.00	WCVA, club members, others	BBMX 2023 events with est. attendance 600
McDermitt Ranch Rodeo Board	$3,000.00	$3,000.00	$3,000.00	Donations, Fair 7 Rec Board	2-day rodeo with est. attendance 200
Denio BBQ & Events (Denio Community)	$1,000.00	$1,000.00	$1,000.00	Nevada Gold Mines, others	Fundraiser for Denio Community Club, est. attendance 150
Great Basin College Graduation	No Application	$1,500.00	$1,500.00		College Graduation Ceremony at WEC
TOTAL REQUESTED			$33,500.00		
AVAILABLE IN 2024-2025 BUDGET:	$40,000.00				

HUMBOLDT COUNTY

50 W. 5th Street
Winnemucca, Nevada 89445
www.humboldtcountynv.gov

STAFF AGENDA REQUEST

DATE: October 30, 2024

TO: County Commission

FROM: Don Kalkoske, County Manager

SUBJECT: Nevada Water Conservation Infrastructure Initiative Funding Amendment

REQUESTED AGENDA DATE: November 18, 2024

SUMMARY AND BACKGROUND:

In October 2023, the County accepted a Nevada Water Conservation Infrastructure award in the amount of $5 million-dollars of Coronavirus State and Local Fiscal Recovery Funds to support the preconstruction costs associated with the Grass Valley Nitrate Mitigation and Waste Water Treatment Project.

Since that time, the county has engaged with DOWL to complete the design of the collection system and associated treatment plant. With engaging DOWL, the obligated funding was short of the awarded amount. Commissioner Hill and I met with the Nevada Department of Conservation and Natural Resources (DCNR) (administration of grant) in September 2024 and were informed that we needed to obligate the remaining funds before December 2024 or they would be lost. After the meeting, I met with Public Works and Economic Development to put together a plan for obligating the remaining funds. While we prepared a workable solution to the issue, the DCNR decided to de-obligate $1.5 million-dollars of the award in hopes of granting to others that can obligate in the required time frame.

The reduction in funding does not affect the currently obligated and agreed upon work that DOWL is completing, and actually provides some additional funds for other projects that we can obligate in the time frame.

WHY ARE YOU BRINGING THIS BEFORE THE BOARD NOW:

The DCNR has prepared an amendment to the original agreement for the new agreement total of $3.5 million-dollars.

PREVIOUS ACTION:

October 2023, Acceptance of original award.

FISCAL IMPACT IF APPLICABLE:

The amended $3.5 million-dollar award must be expended by the end of 2026, and thus should be budgeted across the associated fiscal years and properly managed, including the proper allocation of the associated pre-construction costs of the project. The award does not require matching funds from Humboldt County, thus has no direct fiscal impact to the County. Of the amended award amount, $2.825

million-dollars is obligated for the design and feasibility of the new wastewater treatment and collection system. A portion of the remaining amount will be utilized (planned) to replace water meters in both McDermitt and Gold Country as allowed by the amendment. Any remaining amount from the amended award amount and current and planned obligations will be reviewed and obligated on various other water/wastewater projects as approved by DCNR.

RECOMMENDATION:
It is staff's recommendation to proceed with approval of Amendment #1 to the Nevada Water Conservation and Infrastructure Initiative Funding Agreement.

LIST SUPPORTING DOCUMENTS IF APPLICABLE:
0844 Humboldt County Funding Amendment 1

POSSIBLE MOTION:
A possible motion for this item would be "Move to approve and execute Amendment #1 to the Nevada Water Conservation and Infrastructure Initiative Funding Agreement with an amended award amount of $3.5 million-dollars."

STATE OF NEVADA

NEVADA WATER CONSERVATION AND INFRASTRUCTURE INITIATIVE

FUNDING AGREEMENT AMENDMENT #1

This Funding Amendment is made this 22nd day of October 2024 between the Nevada State Department of Conservation and Natural Resources, hereafter referred to as the Department, and Humboldt County, a political subdivision of the State of Nevada, hereafter referred to as the Recipient. This amendment is to amend Sec. 1 and Sec. 4 of the Funding Agreement made on the 13th day of September 2023 (Attached as Exhibit A).

WHEREAS:

1. The Nevada Water Conservation Infrastructure Initiative (NWCII) as authorized by the Nevada Legislature, inclusive, authorizes the Department to enter into funding agreements for projects under the Coronavirus State and Local Fiscal Recovery Funds for the retirement of groundwater rights; and
2. The Recipient is a political subdivision of the State of Nevada or non-profit entity, eligible for funding from the NWCII; and
3. The Recipient has made application for a grant related to the Project hereafter described; and
4. The Director of the Department, in consultation with the NWCII Technical Advisory Committee, has granted approval in accordance with the NWCII authorization, for the commitment of funds from the NWCII for the Project described in Section 1 of the Funding Agreement.

NOW, THEREFORE, It is agreed as Follows:

FUNDING AGREEMENT AND MODIFICATION:

The Nevada Department of Conservation and Natural Resources (NDCNR) Nevada Water Conservation and Infrastructure Initiative funding agreement for the Humboldt County Grass Valley Nitrate project (ARPA00844) is amended to strike and replace Sec. 1 and Sec. 4 with the following:

Section 1. PROJECT DESCRIPTION:

Funding for this Project will be used to address nitrate issues within Grass Valley's groundwater aquifer through the design, engineering, and planning related to a wastewater collection system and treatment plant. This grant will be utilized to fund pre-construction costs associated with the development of this wastewater system and may be utilized for the acquisition of land and easements necessary for construction. Humboldt County may utilize a portion of grant funding to replace water meters throughout its jurisdiction. This project may also include the construction, design, and acquisition of systems, materials, and equipment that is authorized in writing by the Nevada Department of Conservation and Natural Resources. All project costs must be eligible for funding under the Coronavirus State and Local Fiscal Recovery Fund, EPA Clean Water State Revolving Fund, and Drinking Water State Revolving Fund rules and must ensure the safe treatment and transmission of drinking water and wastewater throughout Humboldt County. This may include but is not limited to the protection of Humboldt County's water system and wastewater infrastructure and transmission systems.

Section 4. MAXIMUM GRANT AWARD

Subject to the terms, provisions, and conditions of this funding agreement and program rules, and subject to the availability of State and Federal funds, the Department of Conservation and Natural Resources will issue reimbursement for project costs to a sum not to exceed **Three Million and Five-Hundred Thousand Dollars ($3,500,000)** to the Recipient.

IN WITNESS THEREOF, the parties have executed this contract on the dates set forth below.

Recipient: Humboldt County

_____ Date: _____

Name: _____ Title: _____

Department of Conservation and Natural Resources

_____ Date: _____

James A. Settelmeyer, Director

STATE OF NEVADA

NEVADA WATER CONSERVATION AND INFRASTRUCTURE INITIATIVE

FUNDING AGREEMENT

This Funding Agreement is made this 13th day of September 2023 between the Nevada State Department of Conservation & Natural Resources, and Humboldt County, a political subdivision of the State of Nevada, hereafter referred to as the Recipient. This grant is to provide funding for the project as outlined in Section 1.

WHEREAS:

1. 31 CFR Part 35 and the Nevada Water Conservation Infrastructure Initiative (NWCII) as authorized by the Nevada Legislature, inclusive, authorizes the Department to enter into funding agreements for projects under the Coronavirus State and Local Fiscal Recovery Funds drinking water, wastewater, and stormwater infrastructure grant funds; and
2. The Recipient is a political subdivision of the State of Nevada, a public water system, or non-profit entity, eligible for funding from the NWCII; and
3. The Recipient has made application for a grant related to the Project hereafter described; and
4. The Director of the Nevada Department of Conservation and Natural Resources in consultation with the NWCII Technical Advisory Committee has approved pursuant to the NWCII authorization the commitment of funds from the NWCII for the Project described in Section 1 (Exhibit B); and

NOW, THEREFORE, It is agreed as Follows:

SECTION 1. PROJECT DESCRIPTION

In general, funding for this Project will be used for NWCII application ARPA00844 this project is to address nitrate issues within Grass Valley's groundwater aquifer through the development of a wastewater collection system. This grant will be utilized primarily to fund pre-construction costs associated with the

development of this wastewater system. Specific details of the Project may be found in the application and supporting documents.

SECTION 2. INCORPORATION OF DOCUMENTS AND GENERAL RECIPIENT COMMITMENTS

This contract incorporates the following documents:

(A) Exhibit A, NWCII GRANT CONDITIONS, and

(B) Exhibit B, Lobbying Certification Form, and

(C) Exhibit H, Listing of Cross Cutting Federal Authorities for Assistance Sub Grants.

The Recipient accepts and agrees to comply with all terms, provisions, conditions, and commitments of this contract, including all incorporated documents, and to fulfill all assurances, declarations, representations, and commitments made by the Recipient in its application, accompanying documents, and communications filed in support of its request for loan.

SECTION 3. ESTIMATED COST OF PROJECT

The estimated total cost of the wastewater collection system, including associated planning and design costs is estimated at **Twenty-Million Dollars ($20,000,000).**

SECTION 4. MAXIMUM GRANT AWARD

Subject to all of the terms, provisions, and conditions of this funding agreement, and subject to the availability of State and Federal funds, the Department will issue reimbursement for project costs to a sum not to exceed **Five Million Dollars ($5,000,000)** to the Recipient.

SECTION 5. USEFUL LIFE OF PROJECT

For purposes of this contract, the parties agree that the useful life of the Project is at least thirty (30) years from and after Project completion.

SECTION 11. TERM

This funding agreement shall take effect upon execution of the funding agreement and the Department and the Recipient, and for the purpose of this section, the term of this funding agreement is for no more than thirty (30) years from the date of this funding agreement.

SECTION 12. NOTICES

All notices or other communications hereunder shall be sufficiently given and shall be deemed given when: (a) hand delivered; (b) mailed by registered or certified United States mail, postage; or (c) via email to the parties hereinafter set forth at the following addresses:

1. Nevada Department of Conservation and Natural Resources
   Director's Office – Attn: NWCII
   901 S. Stewart St., Ste 1003
   Carson City, NV 89701-5249
   NWCII@dcnr.nv.gov

2. Humboldt County
   Dave Mendiola
   50 W. Fifth Street, Ste. 205
   Winnemucca, NV 89445-3150
   Dave.mendiola@hcnv.us

IN WITNESS THEREOF, the parties have executed this contract on the dates set forth below.

RECIPIENT: Humboldt County

_____ Date: 10-2-23

Name: Jesse Hill Title: Vice-Chair

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

_____ Date: 10/23/23

James A. Settelmeyer, Director

EXHIBIT A
NWCII GRANT CONDITIONS

Condition 1. **AWARD OF CONSTRUCTION CONTRACTS; NOTIFICATION OF AWARD AND INITIATION OF CONSTRUCTION**

1.1 The Recipient shall conduct value engineering if the total estimated cost of building the water project is more than $10,000,000.

1.2 The Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program require that all project funds be obligated by December 31, 2024. All requests for reimbursement must be received by September 30, 2026. Grant funding will be reverted to the federal government by December 31, 2026. Given the timeline the Department is unable to approve a request for a grant extension.

1.3 The Recipient agrees to promptly notify the Nevada Department of Conservation and Natural Resources (Department) in writing both of the award of the prime contract for the Project and of initiation of the Project.

1.4 The Recipient shall require any project contractor to submit a schedule with a minimum of quarterly updates. The contractor shall be required to update the schedule as necessary.

1.5 The Recipient agrees to expeditiously proceed with and complete the Project in compliance with 31 CFR Part 35 and all respective SLFRF rules.

1.6 The Recipient agrees they will submit all reimbursements to the program by September 30, 2026.

1.7 Failure to maintain project schedule may result in revocation of grant at the discretion of the Department.

Condition 2. **ACTIVITIES AND NOTIFICATIONS**

The Recipient agrees to promptly notify the Department in writing of:

2.1 Any substantial change in scope of the Project. The Recipient agrees that no substantial change in the scope of the Project will be undertaken until written notice of the proposed change has been provided to the Department and the Department has given written approval for such change.

2.2 Cessation of all major work on the Project where such cessation of work is expected to or does extend for a period of 30 days or more.

2.3 Any circumstance, combination of circumstances, or condition, which is expected to or does delay completion of project for a period of 90 days or more beyond the estimated date of completion of the Project previously provided to the Department.

2.4 Completion of the Project within 30 days.

After completion of the Project the Recipient shall provide the Department with project photos, and as-built record drawings for any construction.

Condition 3. **RESIDENT ENGINEER & INSPECTOR**

The Recipient is required to hire a qualified full time resident engineer and inspector(s) during any construction of the Project unless waived by the Department.

Condition 4. **PROJECT ACCESS & STATE REVIEWS**

4.1 The Recipient agrees to ensure that the Department or any authorized representative thereof will have suitable access to the Project site and project documents at reasonable times during the Project.

4.2 The parties agree that review or approval of project plans and specifications by the Department is for administrative purposes only and does not relieve the Recipient of the responsibility to properly plan, design, construct, operate and maintain the Project.

EXHIBIT A
NWCII GRANT CONDITIONS

Condition 5. **INDEMNIFICATION**

5.1 As between the Department and the Recipient, the Recipient agrees that it has sole responsibility for proper planning, design, construction, operation and maintenance of the Project, and the Recipient agrees to indemnify the Department, the state of Nevada and their officer, agents and employees against and to hold the same free and harmless from any and all claims, demands, damages, losses costs, expenses or liability due or incident to planning, design, construction, operation or maintenance of the Project.

5.2 The parties will not waive and intend to assert available NRS 41 liability limitations in all cases. Contract liability of both parties shall not be subject to punitive damages. Actual damages for any State breach shall never exceed the amount of funds, which have been appropriated for payment under this funding agreement, but not yet paid, for the fiscal year budget in existence at the time of the breach.

5.3 To the fullest extent of limited liability as set forth above, each party shall indemnify, hold harmless, and defend, not excluding the other's right to participate, the other from and against all liability, claims, actions, damages, losses, and expenses, including but not limited to, reasonable attorneys' fees and costs arising out of any alleged negligent or willful acts or omissions of the party, its officers, employees, and agents. Such obligation shall not be constructed to negate, abridge, or otherwise reduce any other right or obligation of indemnity, which would otherwise exist to any party or person described in this paragraph.

5.4 The indemnification obligation under this paragraph is conditioned upon receipt of written notice by the indemnifying party within 30 days of the indemnified party's actual notice of any actual or pending claim or cause of action. The indemnifying party shall not be liable to hold harmless any attorneys' fees and costs for the indemnified party's chosen right to participate with legal counsel.

Condition 6. **PROJECT COMPLETION; INITIATION OF OPERATIONS & OPERATION AND MAINTENANCE**

6.1 At the time of completion of construction, the Department, after consultation with the Recipient, will establish a reasonable estimated project completion date, and the Recipient agrees to make all reasonable efforts to meet the date so established. Such date shall be binding upon the Recipient unless modified in writing by the Division upon a showing of good cause by the Recipient. Extension of the Project completion date by the Department shall not be unreasonably withheld unless the extension exceeds the grants termination date.

6.2 Upon completion of the Project, the Recipient agrees to expeditiously initiate project operations. The Recipient agrees to properly staff, operate and maintain all portions of the Project during its useful like in accordance with all applicable state laws, rules, and regulations. Upon reasonable notice, the Recipient shall make available to the Department the operation and maintenance manuals for the Project.

Condition 7. **DEDICATED SOURCE OF REVENUE & SYSTEM USER CHARGES**

7.1 The Recipient shall adopt and maintain in effect during the term of this funding agreement a user charge system or other dedicated source of revenue such as connection fees, which at all times complies with the requirements of applicable state rules, regulations, and guidelines.

EXHIBIT A
NWCII GRANT CONDITIONS

7.2 The Recipient agrees to administer a system of user charges acceptable to the Department pursuant to NAC 445A.676144 through 445A.676146.

7.3 The Recipient further agrees to periodically review and modify the system of user charges as necessary to assure its reasonable adequacy to cover operating costs and meet other financial obligations of the Recipient.

Condition 8. **CONTINUOUS USE OF PROJECT**

The Recipient agrees that it will not abandon, substantially discontinue use of, or dispose of the Project during the useful life of the Project without prior written approval of the Department. If the Recipient does abandon, substantially discontinue use, of, or dispose of the Project during the useful life of the Project without prior approval of the Department, the Recipient shall repay the State for the cost of the Project.

Condition 9. **REPORTS, RECORDS & ACCOUNTING STANDARDS**

9.1 9.1 The Recipient agrees to expeditiously provide, during the Project and thereafter during the useful life of the Project, such reports, data, and information as may be reasonably required by the Department, including but not limited to material necessary or appropriate for evaluation by the SLFRF or to fulfill any reporting requirements of the federal government. At a minimum, such reports reasonably required by the Department shall include the submission of annual financial statements, prepared on a basis utilizing "Generally Accepted Accounting Principles (GAAP).

Without limitation of the requirement to maintain project accounts in accordance with generally accepted government accounting standards, the Recipient agrees to:

9.2 Maintain separate Project accounts in accordance with generally accepted government accounting, but not limited to, standards relating to the reporting of infrastructure assets and those contained in the Standards for Audit of Governmental Organizations, Programs, Activities and Functions, promulgated by the U.S. General Accounting Office.

9.3 Comply with requirements described in to 2 CFR §200: Uniform Administrative Requirements, Cost Principles, and Audit Requirements which apply to expenditures by a public or non-profit entity of federal monies from all sources in an amount greater than or equal to $750,000 in a year.

9.4 Establish an official file for the Project which shall adequately document all significant actions relative to the Project;

9.5 Establish accounts which will adequately and accurately depict all amounts received and expended on the Project, including all SLFRF funds received under this funding agreement;

9.6 Establish accounts which will adequately depict all income received which is attributable to the Project, specifically including any income attributable to SLFRF funds disbursed under this funding agreement.

9.7 Establish an accounting system which will accurately depict final total costs of the Project, including both direct and indirect costs.

9.8 Maintain records and accounting activities of the Project separately from other activities of the Recipient.

9.9 If a force account is used by the Recipient for any phase of the Project, other than for planning, design and construction engineering and administration provided for by allowance, accounts will be established which reasonable document all employee hours charged to the Project and the associated tasks performed by each employee.

9.10 Retain project records for a minimum of five (5) years after the final reimbursement is received, and for such longer period as may be required for the Department to fulfill federal reporting requirements under federal statutes and regulations. All Recipient records relative to the Project shall be subject at all reasonable times to inspection, copying, and audit by the Department or any authorized representative.

Condition 10. **FINANCIAL INFORMATION AUDIT**

The Department, at its option, may call for an audit of financial information relative to the Project, where the Department determines that an audit is desirable to assure program integrity or where such an audit becomes necessary because of federal requirements. Where such an audit is called for, the audit shall be performed by a Certified Public Accountant independent of the Recipient and at the cost of the Recipient. The audit shall be in the form required by the Department.

Condition 11. **REIMBURSEMENT; AVAILABILITY OF FUNDS**

11.1 The Recipient agrees to obligate all SLFRF funds by December 31, 2024.

11.2 The Recipient agrees to draw all funds available in this funding agreement by September 30, 2026. Funds not expended in a timely manner may be subject to de-obligation and/or review by the Department.

Except as may be otherwise provided in this funding agreement, grant amounts will be disbursed as follows:

11.3 Grant funds will be promptly disbursed to the Recipient for project costs incurred by the Recipient upon receipt by the Department of proper and acceptable Payment Request Forms from the Recipient.

11.4 Additional loan funds will be promptly disbursed to the Recipient for project costs incurred by the Recipient upon receipt of proper and acceptable payment requests from the Recipient provided that payment shall not be made more frequently than once a month.

11.5 The Recipient agrees that it will not request payment for any project cost until such cost has been incurred and is due and payable, although it is agreed that actual payment of such cost by the Recipient is not required as a condition of payment request. The Recipient agrees to provide a certification with each payment request that costs shown in the payment request have been incurred and is due and payable at the time of the request.

11.6 Each disbursement of grant funds other than for the planning and design allowance will be accompanied by an appropriate prorate percentage of the allowance for construction engineering and inspection services for the Project.

11.7 The Department obligation to pay any sum to the Recipient under any provisions of this funding agreement is contingent upon the availability of sufficient funds to permit the payments provided for herein. In the event that sufficient funds, as determined by the Department, do not become available for any reason, the Department shall not be obligated to make any payments to the Recipient under this funding agreement. This provision shall be construed as a condition precedent to the obligation of the Department to make any payments under this funding agreement. Nothing in this funding agreement shall be construed to provide the Recipient with

a right of priority for payment over any other agency. If any payments which are otherwise due to the Recipient under this funding agreement are deferred because of unavailability of sufficient funds, such payments will promptly be made to the Recipient when sufficient funds do become available.

12. **COMPLIANCE WITH OTHER FEDERAL STATUTES AND AUTHORITIES**

12.1 A number of other federal laws and authorities will be applied to activities supported with SLFRF funds directly made available by grants. Exhibit H contains a current list of these other laws and authorities. The Recipient agrees that it will, at all times, comply with and require its contractors and subcontractors to comply with all applicable federal and state laws, regulations, and requirements.

12.2 The SLFRF rules provide provisions through 31 CFR Part 35 related to Davis-Bacon Act requirements. Generally (prevailing wage rates) do not apply to projects funded solely with award funds from the SLFRF program. There are certain circumstances that may trigger compliance with the Davis-Bacon Act. The Recipient should review 31 CFR Part 35 and comply with federal requirements.

12.3 The SLFRF rules provide provisions through 31 CFR Part 35 related to the National Environmental Policy Act (NEPA). NEPA does not apply to projects that are solely funded through the SLFRF. If the Project or recipient receives other federal funding, they may need to comply with NEPA. The recipient should review 31 CFR Part 35 and comply with federal requirements.

12.4 The SLFRF rules provide provisions through 31 CFR Part 35 related to Section 106 of the National Historic Preservation Act (NHPA). Projects supported with SLFRF grant funding are generally exempt from Section 106 of the NHPA. Projects supported with funding from other sources may still be subject to Section 106 of the NHPA if they involve other federal agencies or other federal funding sources. The Recipient shall comply with all federal requirements.

12.5 Please note that blending funding from multiple Federal sources may trigger additional federal rules for all Federal funding received for a project.

12.6 Per Treasury's SLFRF Compliance and Reporting Guidance grants funded through the SLFRF are generally subject to the requirements of 2 CFR Part 200.

12.7 Infrastructure projects funded solely with SLFRF award funds are not subject to the Buy America Preference requirements set forth in section 70914 of the Build America, Buy America Act included in the Infrastructure Investment and Jobs Act, Pub. L. 117-58. SLFRF recipients may be otherwise subject to the Buy America Preference requirements when SLFRF award funds are used on an infrastructure project in conjunction with funds from other federal programs that require compliance with the Buy America Preference requirements. Recipients are advised to consult with the other federal agencies administering federal financial assistance that is being blended or braided with SLFRF funds regarding the applicability of the Buy America Preference requirements

12.8 As required by 2 CFR 200.216, federal grant or loan recipients and subrecipients are prohibited from obligating or expending loan or grant funds to procure or obtain; extend or renew a contract to procure or obtain; or enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that use covered telecommunications equipment, video surveillance services or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115-232, section 889, covered

telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).

12.9 Prohibitions extend to the use of Federal funds by recipients and subrecipients to enter into a contract with an entity that "uses any equipment, system, or service that uses covered telecommunications equipment or services" as a substantial or essential component of any system, or as critical technology as part of any system. Certain equipment, systems, or services, including equipment, systems, or services produced or provided by entities subject to the prohibition are recorded in the System for Award Management exclusion list.

Condition 13. **TERMINATION; IMMEDIATE REPAYMENT;**

13.1 This funding agreement may be terminated by written notice during the Project, or thereafter at any time prior to complete repayment by the Recipient, at the option of the Department, upon violation by the Recipient of any material provision of this funding agreement after such violation has been called to the attention of the Recipient and after failure of the Recipient to bring itself into compliance with the provisions of this funding agreement within a reasonable time as established by the Department.

13.2 In the event of such termination, the Recipient agrees, upon demand, to immediately repay to the Department an amount equal to the current reimbursement balance of the grant.

Condition 14. **DEFAULTS & REMEDIES**

14.1 **NOTICE OF DEFAULT**. If an Event of Default shall occur, the non-defaulting party shall give the party in default prompt telephonic notice of the occurrence of such Event of Default, provided the non-defaulting party has knowledge of such Event of Default. Such telephonic notice shall be immediately followed by written notice of such event of Default given in the manner set forth in the funding agreement.

14.2 **EVENTS OF DEFAULT**. The occurrence of one or more of the following events constitutes an Event of Default, whether occurring voluntarily or involuntarily, by operation of law or pursuant to any order of any court or governmental agency.

i. Failure by the Recipient to observe and perform any duty, covenant, obligation, or agreement on its part to be observed or performed under this Grant Agreement, which failure shall continue for a period of 30 days after written notice, specifying such failure and requesting that it be remedied, is given to the Recipient by the Department;

ii. Any representation made by or on behalf of the Recipient contained in this Grant Agreement, or in any instrument furnished in compliance with or with reference to this Grant Agreement or the Grant, is intentionally false or misleading in any material respect.

14.3 **REMEDIES**, If the Department determines that an Event of Default has occurred, Department may, without further notice:

i. Require the repayment of the grant;

ii. Cease making disbursement of grant funds or make some disbursements of grant proceeds and withhold or refuse to make other disbursements;

iii. Pursue any other legal or equitable remedy it may have.

EXHIBIT A
NWCII GRANT CONDITIONS

Condition 15. **DISPOSITION OF EQUIPMENT**

In accordance with 41 CFR 105-71.132, when original or replacement equipment used to construct the facilities acquired under this funding agreement is no longer needed for the original project, disposition of the equipment will be made as follows:

15.1 Items of equipment with a current per-unit fair market value of less than $5,000 may be retained, sold, or otherwise disposed of with no further obligation to the Department.

15.1 Items of equipment with a current per unit fair market value of $5,000 or greater may be retained or sold and the State shall have a right to an amount calculated by multiplying the current market value or proceed from sale by the Department's share of the equipment. In cases where the Recipient fails to take the appropriate actions, the Division may direct the Recipient to take excess and disposition actions.

Condition 16. **DISPUTES**

Any dispute arising under this funding agreement which is not otherwise disposed of shall be decided by the Director of the Nevada Department of Conservation and Natural Resources. The decision shall be reduced to writing and a copy thereof furnished to the Recipient. The decision of the Director shall be final and conclusive unless overturned by a court of competent jurisdiction. In connection with any appeal under this clause, the Recipient shall be afforded an opportunity to be heard and to offer evidence in support of its appeal. Pending final decision of a dispute hereunder, the Recipient shall continue to fulfill and comply with all the terms, provisions, commitments, and requirements of this Funding agreement.

Condition 17. **FORCE MAJURE**

Neither party shall be deemed to be in violation of this funding agreement if it is prevented from performing any of its obligation hereunder due to unforeseeable events including: strikes, failure of public transportation, civil or military authority, acts of pubic enemy, accidents, fires, explosions, earthquakes, flood, or unusual atmospheric events. In such an event the intervening cause must not

be through the fault of the party asserting such an excuse, and the excused party is obligated to promptly perform in accordance with the terms of this funding agreement after the intervening cause ceases.

Condition 18. **WAIVER**

The parties hereto may, from time to time, waive any rights under this funding agreement unless such waiver is contrary to law, provided that any such waiver must be in writing and must be signed by the party making such waiver.

Condition 19. **AMENDMENT**

This funding agreement may be amended at any time by mutual written agreement of the parties.

EXHIBIT B

CERTIFICATION REGARDING LOBBYING

CERTIFICATION FOR CONTRACTS, GRANTS, LOANS AND COOPERATIVE AGREEMENTS

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including sub-contracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31 U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

Jesse Hill - Vice Chair
Typed Name & Title of Authorized Representative

Signature and Date of Authorized Representative

EXHIBIT C

Cross-Cutting Federal Authorities

Cross-cutting federal authorities are the requirements of other federal laws and Executive Orders that apply in the case of federally funded projects. The cross-cutters include (but are not limited to): environmental laws such as the Endangered Species Act, the National Historic Preservation Act, executive orders on the protection of wetlands and flood plains, social policy authorities such as executive orders on equal employment opportunity in federally assisted programs, and economic authorities such as rules implementing executive orders on the debarment and suspension of persons who have engaged in misconduct. In the State Revolving Fund programs, compliance with federal cross-cutting authorities is required by all recipients of these federal funds. A list of the possible applicable cross-cutters follows.

Nevada Water Conservation and Infrastructure Initiative Authorities

- American Rescue Plan Act, Pub. L. 117-2
- Coronavirus State and Local Fiscal Recovery Funds, 31 CFR Part 35

Environmental Authorities

- Archaeological and Historic Preservation Act, Pub. L. 93-291, as amended
- Protection and Enhancement of the Cultural Environment
- Clean Air Act, Pub. L. 95-95, as amended
- Coastal Barrier Resources Act, Pub. L. 97-348
- Coastal Zone Management Act, Pub. L. 92-583, as amended
- Endangered Species Act, Pub. L. 93-205, as amended
- Environmental Justice, Executive Order 12898
- Flood Plain Management, Executive Order 11988 as amended by Executive Order 12148
- Protection of Wetlands, Executive Order 11990 as amended by Executive Order 12608
- Farmland Protection Policy Act, Pub. L. 97-98
- Fish and Wildlife Coordination Act, Pub. L. 85-624, as amended
- Magnuson-Stevens Fishery Conservation and Management Act, Pub. L. 94-265
- National Environmental Policy Act, Pub. L. 91-190
- National Historic Preservation Act, Pub. L. 89-655, as amended
- Safe Drinking Water Act, Pub. L. 93-523, as amended
- Wild and Scenic Rivers Act, Pub. L. 90-54 as amended

Economic and Miscellaneous Authorities

- Debarment and Suspension, Executive Order 12549
- Demonstration Cities and Metropolitan Development Act, Pub. L. 89-754, as amended, and Executive Order 12372
- Drug-Free Workplace Act, Pub. L. 100-690
- New Restrictions on Lobbying, Section 319 of Pub. L. 101-121
- Prohibitions relating to violations of the Clean Water Act or Clean Air Act with respect to Federal contracts, grants, or loans under Section 306 of the Clean Air Act and Section 508 of the Clean Water Act, and Executive Order 11738
- Uniform Relocation and Real Property Acquisition Policies Act, Pub. L. 91-646, as amended

Civil Rights, Nondiscrimination, Equal Employment Opportunity Authorities

- Older Americans Act, Pub. L. 94-135
- Equal Employment Opportunity, Executive Order 11246
- Section 13 of the Clean Water Act, Pub. L. 92-500
- Section 504 of the Rehabilitation Act, Pub. L. 93-112
- Title VI of the Civil Rights Act, Pub. L. 88-352

EXHIBIT C
Cross-Cutting Federal Authorities

Disadvantaged Business Enterprise Authorities

- Small, Minority, and Women-owned Business Enterprises, Executive Orders No.11625, 12138, and 12432
- Section 129 of the Small Business Administration Reauthorization and Amendment Act of 1988 Pub. L. No. 100-590
- 40 CFR Part 33 Participation by Disadvantaged Business Enterprises in Procurement under Environmental Protection Agency (EPA) Financial Assistance Agreements

Nevada Department of
CONSERVATION &
NATURAL RESOURCES

INITIATIVE GRANT PRE-APPLICATION

Project Name: Grass Valley Nitrate

Project Type: ARPA Grant Funding

County in Which Project is Located: Humboldt County

Applicant Organization: Humboldt County - ARPA

Funding Eligibility: Private -

State Authorized Permit Number:

Mailing Address: 50 W. Fifth Street Ste. 205

Winnemucca, NV 89445-3150

Phone #: (775)-623 ext.

Fax #:

Email Address: dave.mendiola@hcnv.us

Description:

This Preliminary Engineering Report (PER) has been prepared at the request of Humboldt County to address the elevated nitrate levels in Grass Valley's groundwater aquifer. This PER describes the cause and extent of the elevated nitrate levels and provides recommendations to alleviate this issue. Developed properties in Grass Valley are dependent on individual septic systems for wastewater disposal. The focus area for this project is Gold Country Estates and Star City Subdivisions, the more densely populated areas in Grass Valley. As the report developed, information was collected to support the inclusion of residential and commercial areas to the east and south of the subdivisions. The density of septic systems has been determined to be a direct contributor to the exceedance of nitrates found in drinking water from wells. The load of nitrates on the aquifer continues to increase while groundwater levels are "in a state of depletion." Previous studies have been completed regarding the degradation of groundwater quality and have each determined that wastewater disposal is necessary to alleviate the strain on the aquifer. Monitoring wells in the area have been routinely sampled by the county and others since the early 1990's, and the results of these samples have indicated levels of nitrates exceeding the maximum allowable contaminant level set forth by federal regulation. Excess levels of nitrates in drinking water can have harmful human health effects, especially in pregnant women and in infants. The project area has experienced robust growth in the late 1980's to 1990's related to the increased gold mining activity in the region, otherwise, the growth rate has been gradual. A national interest in battery powered vehicles resulting in a demand for lithium has led to the development of a significant lithium mining resource in northern Humboldt County. Like the gold mining boom, lithium mining will result in a similar increase of residential developments in the Grass Valley area; however, not without a waste water collection system. The load of nitrates on the groundwater aquifer is

stressed under existing developments and additional parcel developments will exacerbate the issue. The Grass Valley community has been notified of the effort to combat nitrate loading in the groundwater, and some residents have expressed important concerns regarding the cost to address the nitrate issue. There is a concerted effort by the county to obtain loans with principal forgiveness and grants to begin the septic to sewer conversion process. One no-action alternative and three action alternatives for wastewater treatment are presented in the original report as potential solutions for the attenuation of nitrates in groundwater. The treatment alternatives all include a preliminary wastewater collection system that is common to each alternative to facilitate a fair cost comparison. The three action alternatives were as follows: connect to the City of Winnemucca's sewer and treatment system, construct a county operated mechanical wastewater treatment facility, or construct a county operated wastewater treatment pond system. The cost of the collection system is estimated at roughly $20 million and was included in the cost of each action alternative. Recently, the County revisited the Alternative #1 (Connect to the existing City of Winnemucca WWTF) and a revised PER is under way. The original estimates are as follows: • Alternative 1 – Connect to Winnemucca Sewer System: $28.7 million capital and connection fee cost; $769,300 annual operations and maintenance (O&M) costs • Alternative 2 – Mechanical Treatment Facility: $27.8 million capital cost; $353,700 annual O&M costs • Alternative 3 – Treatment Ponds: $23.2 million capital cost; $341,700 annual O&M cost • Alternative 4 – Do Nothing: No costs are required; however, a cost to human health and the environment will occur as residential and community wells become further contaminated. The conclusion recommendation of the original report was to construct a Humboldt County owned and operated mechanical treatment facility to alleviate the elevated nitrate issues and support the opportunity of development in the area. As mentioned earlier a revised PER is under way to look more closely at the City of Winnemucca option. The PER is required by the Nevada Department of Environmental Protection (NDEP) as a precursor to obtaining grants or loans from their agency. This PER follows the general guidelines set forth in the NDEP Guidance on Rural Utility Service (RUS) Bulletin 1780-2, "Preliminary Engineering Reports for the Water and Waste Disposal Program".

Need For A Project:

The impacts to public health and groundwater quality caused by elevated nitrate levels are the primary and secondary reasons respectively for this PER, as well as many previous studies. In 1995 Humboldt County began a domestic well groundwater monitoring program after water samples in Grass Valley showed elevated levels of constituents in the groundwater. There are seven monitoring wells in or near the project area. The three newest monitoring wells were constructed after the Nevada Division of Environmental Protection (NDEP) determined the initial monitoring wells were constructed such that water samples could only be collected below the static groundwater level thus inaccurately characterizing the quality of water at the groundwater table interface. The high density of septic systems operating in the project area is a direct contributor to the high nitrate and total dissolved solid (TDS) levels recorded in water samples. The federal maximum contaminant level (MCL) for nitrates in groundwater is 10 milligrams/liter (mg/L). Nitrate levels exceeding 10 mg/L can be linked to a variety of side effects including a lack of oxygen in the blood circulatory system with infants and pregnant women being the most at risk. The extent and severity of possible side effects will differ for each person affected. Water samples taken from Grass Valley have shown multiple instances of exceeding the nitrate MCL. In February of 2022, the Gold Country Water Company Nitrate Mitigation Assessment PER was completed by One Water Consulting. The report focused on the water quality of production wells that serve the Gold Country Subdivision with specific documentation given to nitrate concentration levels and methods of mitigation. The PER concluded that nitrate levels in Production Wells 1 and 2 have increased over time. Production Well 1 had a recorded nitrate MCL exceedance of 10 mg/L in 2011 and Well 2 recorded an increase in nitrate levels from 1.7 mg/L in April of 2017 to 9.0 mg/L in July of 2021. Although the elevated nitrate levels are the main concern regarding public health, the elevated TDS levels are worth noting. The MCL for TDS is 1,000 mg/L, typically an exceedance results in a poor aesthetic quality for drinking water. There is only one possible long-term solution and that is to construct a collection system and deliver the effluent to a wastewater treatment facility.

Conservation Efforts:

In addition to executing a septic to sewer conversion for the Grass Valley area that will allow an opportunity to begin drawing down nitrate levels over time, there is an opportunity to allow for water conservation efforts, whether that is by treating the effluent at a new WWTF built by the county and recharging the aquifer with treated water or through efforts of the counties Source Water Protection Plan that was instituted in 2020 and is currently being updated.

Project Information

Project Latitude: 40 55'26.36N Project Longitude: 117 46'33.16'W

Hydrographic Basin: Humboldt , Winnemucca; Golconda , Winnemucca Segment

Will the project reduce or eliminate overall draw on a hydro basin? No

Estimated draw reduction Acre Feet/year.

Percentage of the total cost of the project is being spent for economic development/growth? 0.00%

What is the useful life of the project? 40 (years)

Is the project necessary to maintain a current level of service? No

Will the project be put to use immediately and maintained for the useful life of the assets constructed? Yes

Does the system have financial and technical resources to maintain and operate the assets constructed for their useful life? Yes

Does the project promote regionalization or consolidation that improves sustainability? Yes

Is this project currently listed on the Nevada State Clean Water Revolving Fund priority list or Drinking Water Revolving Fund priority list? Yes

Does this project have applications pending from other funding sources, including federal, state, and local resources for grant funds? Yes

Water Conservation

Current Water consumption 269900 After project consumption 269900 Gallons

Current Water reclamation 0 After project reclamation 27000 Gallons

Drinking Water System Metered? Yes Are system meters older than 20 years? Yes

Irrigation System using regulated flow gages? No Are flow gages older than 20 years? No

Intended use of any water recaptured in the project:

Irrigation: Yes

Indirect source recharge: Yes

Direct source recharge: No

Other: _____

Regulatory compliance

Is this project needed to comply with any regulatory requirements? No

Date Required to return to compliance: _____

Regulatory agency: _____

Describe: Currently, Nitrate levels continue to rise throughout the Grass Valley area due to the hid concentration of septic systems. This funding will be used to construct a waste-water collection and treatment facility to lower nitrates over time.

Change to Ecological Resources

Explain: Groundwater Resource will be significantly impacted in the form of cleaner drinking water for local residents.

Yes	A	Project is for an existing drinking water system. Efforts are to reduce water loss, increase sustainability, and enhance drought mitigation efforts.
Yes	A.1	Project is addressing an acute or chronic health threat
Yes	A.2	Project is addressing required water quality standards
Yes	A.4	Project adding or improving source of supply
Yes	A.5	Project adding or improving water storage
Yes	A.6	Project improving transmission, distribution, service lines, and appurtenances
Yes	A.9	Other
Yes	C	Project is for Septic-to-sewer conversions. Efforts to recapture effluent water for reuse and improve groundwater quality for source protection.
Yes	D.3	Project reduces surface water use
Yes	D.4	Other

Has the project been approved by regulatory agencies for construction? No

Design Completed: 6/30/2024

Construction Started: 2/28/2025

Initiation of Operations: 8/31/2026

Estimated date funding required: 9/30/2024

Project Costs

	Program Funds	Local Funding Source	Other Source	Total Costs	Other funding source
Planning cost already incurred	$105,000.00	$0.00	$0.00	$105,000.00	
Total Planning costs	$0.00	$0.00	$0.00	$0.00	
Design and Engineering	$1,300,000.00	$0.00	$0.00	$1,300,000.00	
Land Acquisition	$200,000.00	$0.00	$0.00	$200,000.00	
Equipment/Materials	$20,500,000.00	$0.00	$0.00	$20,500,000.00	
Construction/Improvements	$8,200,000.00	$0.00	$0.00	$8,200,000.00	
Administration	$0.00	$0.00	$0.00	$0.00	
Financing	$0.00	$0.00	$0.00	$0.00	
Construction Contingency	$0.00	$0.00	$0.00	$0.00	
Other	$0.00	$0.00	$0.00	$0.00	
	$30,305,000.00	$0.00	$0.00	$30,305,000.00	

Does any portion of the project expect to receive other federal funding? Yes

Does any portion of the project expect to receive other state funding? No

Does any portion of the project expect to receive local funding? Yes

Estimate Prepared by: David Pulley

Company of Nevada licensed Professional Engineer: DOWL

Community Demographics

Population served by the proposed project? 1300

American Community Survey Census tract location (if known): _____

Is the community considered eligible for assistance by other governmental agencies due to economic hardships? No

Provide any additional information you think necessary to establish the priority rank for the project:

Signature _____ Date: _____

By typing my name and password I am digitally signing this pre-application. I certify I am the authorized representative for the listed entity. I am submitting this Pre-application in order to have my entity evaluated for grant funding from the Nevada Water Conservation and Infrastructure Initiative. I certify the information in this Pre-application is true and correct to the best of my ability. I understand that information in this pre-application may be used for evaluating my entity for funding eligibility. However, my signature does not obligate my entity to receive funding from the initiative. Should my entity be selected for funding, I understand an approval from the governing board of my entity will be required in order to obtain funding and execute a formal funding agreement.

HUMBOLDT COUNTY

50 W. 5th Street
Winnemucca, Nevada 89445
www.hcnv.us

STAFF REPORT

DATE: Tuesday, November 5, 2024

TO: County Commission

FROM: Don Kalkoske, County Manager

SUBJECT: NVE Line Extension Agreement – Facility Operations Building

REQUESTED AGENDA DATE: November 18, 2024

SUMMARY:
In October of 2023, the Commission directed Cushing Terrell Architects (CTA) to move forward with the design and construction documents for the new Facility Operations building in the Sage Heights area. Additionally, the Commission approved the Design Initiation Agreement with Nevada Energy (NVE) on October 7, 2024. Now is the next step in the process of getting power to the site of the new Facility Operations Building, which is engagement with NVE with the Line Extension Agreement which will provide NVE the authorization to move forward with installing the necessary infrastructure to power the new building.

WHY ARE YOU BRINGING THIS BEFORE THE BOARD NOW:
To continue progress for this project, NVE has provided the Line Extension Agreement that is required by NVE for installation of new infrastructure.

PREVIOUS ACTION:
October 2, 2023 – Approval for CTA to continue with design and preparation of construction documents.
October 7, 2024 – Approval of Design Initiation Agreement with NVE for the power infrastructure.

BACKGROUND:
While this project had been in the works prior to October 2023, it officially was taken on as a project at that time. Since then, CTA has been working on the design and are at a ~90% stage of the drawings with the last piece being the electricity service information, which will come from the NVE design and installation of required infrastructure.

FISCAL IMPACT:
The cost for the construction of this portion of the project is $87,597.00, which was budgeted and will be funded from the Building Reserve fund.

RECOMMENDATION:
Staff recommendation is to approve the NVE Line Extension Agreement for the electrical service for the new Facility Operations building, in the amount of $87,597.00.

LIST SUPPORTING DOCUMENTS IF APPLICABLE:
NVE Line Extension Agreement (Project No. 3012434773)

POSSIBLE MOTION:

A possible motion for this item would be; "move to approve the Line Extension Agreement with Nevada Energy for the new Facility Operations building at Sage Heights in the amount of $87,597.00, pending District Attorney Approval."

10/29/2024

HUMBOLDT COUNTY

50 W FIFTH ST
WINNEMUCCA,NV 89445

Dear DON KALKOSKE,

RE : E-3400 FACILITY WAY-FP-COMM-E-HUMBOLDT COUNTY

Project ID# : 3012434773

The enclosed documents specify costs and responsibilities to provide electric facilities to the above referenced project. Should you decide to proceed with this project, please sign and return an original copy of the enclosed document(s) to the address listed on the attached Memorandum Advanced Statement of Advance/Credit.

The Agreement constitutes a contract regarding installation costs for the requested service. As such, it requires the signature of a person legally authorized to enter into this Agreement. Please ensure that the name and title of the person signing the contract are clearly printed or typed on the lines immediately following the signature. Confusion regarding the authority of the person signing the contract may result in a delay to the installation of electric facilities. A copy of the executed agreement will be returned to you at the above address.

The Terms and Conditions of this proposal shall be firm for 90 days from the date of this letter, at which time the Agreement is no longer valid. After 90 days we may provide you with a new Agreement with revised costs and/or design changes. These changes could be a result of, but are not limited to, field condition changes, project work order connection point, proportionate share and attachment costs, contingent projects, and project labor, material, and tax cost increases. The project is subject to cancellation 180 days from the date of this letter. In the event of project cancellation, you must reimburse Utility for all costs expended on the project and the design in accordance with Rule 9, Section A.2.

In an effort to facilitate completion of this utility work, please submit an application for meterset upon assignment of address(es) from your government agency. This meterset information is required prior to receiving service.

Should you have any other questions regarding this Agreement, please contact me at (775)834-2501.

Sincerely,
Amanda DeForest
Amanda DeForest

Assoc Utility Design Admin

Memorandum of Advance/Credit

Date Issued: 10/29/2024

Project Number: 3012434773 **Project Title:** E-3400 FACILITY WAY-FP-COMM-E-HUMBOLDT COUNTY

Request No: 102084 **Estimate Version :** 2

Applicant Name: HUMBOLDT COUNTY

Applicant Address: 50 W FIFTH ST, WINNEMUCCA, NV 89445 **Memorandum Number:** 98541

Applicant Phone: 775-623-6300

Applicant Fax: _____

Applicant Email: DON.KALKOSKE@HUMBOLDTCOUNTYNV.GOV

Project Coordinator: Amanda DeForest **Phone Number:** (775)834-2501

Contract Amount Detail:

	Taxable	Non-Taxable	Tax	Total
Subject to Refund	80,001.00	0.00	9,360.00	89,361.00
Non-Refundable	650.00	0.00	586.00	1,236.00
Credits				3,000.00

Total Advance Due: $87,597.00

If proceeding with contract, please follow the remittance instructions:

1. Please sign contract.
2. Make check, money order, or cashiers check payable to NV Energy. Credit cards not accepted.
3. Write your project number (shown above) on the check.
4. Please remit the contract and payment to the following location:

   NV Energy
   P.O.Box 10100
   Mail Code: R77CSE
   Reno, NV 89520

If this payment is related to the final advance, then:

1. Enclose any necessary project documentation required for your project along with your signed contract and payment.
2. NV Energy must receive signed contract, payment, and all required documents before the project will be scheduled for construction.
3. If the signed contract and payment are not returned to NV Energy within ninety (90) days of the date identified above under “Date Issued” or the Tax Gross-up Rate changes before you return the signed contract and payment to NV Energy, NV Energy will re-estimate the costs and provide you with a revised contract.

Contact your project coordinator at (775)834-2501 with any questions or concerns. Thank you!

Note: All executed documents will be sent via email to the address above.

___Check if you require to receive documents through U.S. Mail

This memorandum is provided for informational purposes only.

RULE 9
LINE EXTENSION AGREEMENT

Project ID: 3012434773
Project Title: E-3400 FACILITY WAY-FP-COMM-E-HUMBOLDT COUNTY
Agreement No.: 116167

This Rule 9 Line Extension Agreement **("Agreement")** is made and entered between Sierra Pacific Power Company, a Nevada Corporation, d/b/a NV Energy **("Utility")** and HUMBOLDT COUNTY, a(n) Municipal corporation of the State of Nevada **("Applicant") (**individually, a **"Party"** and collectively, the **"Parties").**

RECITALS

A. Utility owns and operates electric transmission and distribution facilities and provides electric service within Nevada, in accordance with Tariff Schedules filed with and approved by the Commission.

B. Applicant has requested an Alteration of Existing Facilities and/or Service to its Development.

C. In accordance with Rule 9, other applicable provisions in its Tariff Schedules and this Agreement, Utility will complete the Project.

D. Applicant acknowledges that it must follow Utility's procedures for identifying and resolving conflicts between its Development and the Electric System and that Utility will only waive or approve a particular conflict through Utility's standard use agreement signed by the property owner(s) and Utility, duly notarized, and recorded.

In consideration of the above recitals, mutual covenants, terms and conditions contained in this Agreement, the Parties agree as follows:

AGREEMENT

1. Summary of Costs and Contingencies

1.1 Project. In order to provide 44 KVA of Service to Applicant and/or perform an Alteration of Existing Facilities, Utility will modify the Electric System as shown on the Design titled E-3400 FACILITY WAY-FP-COMM-E-HUMBOLDT COUNTY and attached as Exhibit A.

1.2 Estimated Total Costs. The Estimated Total Costs for the Project are **$87,074.00**, as summarized on Exhibit B.

1.3 Estimated Advance. The estimated Advance is **$90,597.00**, consisting of:

(A) CIAC. An estimated CIAC in the amount of **$650.00 ("Estimated CIAC")**.This amount includes a non-taxable, non-refundable cost of **$0.00** and a taxable, non-refundable cost of **$650.00**. If the Estimated CIAC exceeds $40,000, it is subject to a Total Cost True-up.

(B) Advance Subject to Potential Refund. An Advance Subject to Potential Refund in the amount of **$80,001.00**. This amount includes Applicant's responsibility for any Proportionate Share Allocation and any applicable Commission order in the amount of **$0.00**.

(C) Tax Gross-Up. The estimated Tax Gross-up is:

(1) Advance Subject to Potential Refund. A Tax Gross-up relating to the Advance Subject to Potential Refund in the amount of **$9,360.00**. This Tax Gross-up is subject to refund.

(2) CIAC. A Tax Gross-up relating to CIAC in the amount of **$76.00**. This Tax Gross-up is subject to adjustment in connection with any Total Cost True-Up.

(3) Non-Cash Contributions. A Tax Gross-up relating to Applicant's non-cash contributions to Utility under Rule 9, Section A.12.a (such as trenching and substructures performed by Applicant, its contractors or its subcontractors) in the amount of **$510.00**. This Tax Gross-up is not subject to refund.

1.4 Up-front Allowance. The Maximum Allowance is **$6,423.00**. As shown on Exhibit C, the Up-front Allowance is **$6,423.00**.

1.5 Payment. When delivering the signed Agreement to Utility, Applicant must (in Utility's discretion) either pay Utility - or deliver a purchase order to Utility in the amount of **$87,597.00 ("Initial Amount")**. When calculating this amount, Utility applied any Up-front Allowance and, if applicable, a credit for any Utility Betterment.

1.6 Related Contracts.

(A) Proportionate Share Contracts. If Applicant attaches to a Line Extension installed by a previous Applicant (defined in Rule 1), such as those identified in this Subsection, Applicant must pay a Proportionate Share Allocation(s):

PID	Contract No.	Dated	Expiration	Title
None	None	None	None	None

(B) Master Planned Community Contracts. This Agreement is associated with the following master planned community contracts:

PID	Contract No.	Dated	Expiration	Title
None	None	None	None	None

2. Description and Design of the Project

2.1 Design for Project; Amendment. The design for the Project, including any Betterments is attached to this Agreement as Exhibit A **(**the **"Design").** Applicant approves the Design and acknowledges that Applicant is bound by and must comply with all notes on the Design. If any Contingent Facilities are identified on the Design and not installed, then the Design will change, and the Total Costs, may change. The Parties may revise the Design by amending this Agreement in accordance with Section 11.10.

2.2 Condition to Providing Service. Utility is not obligated to provide electric Service to the Development and may stop work on the Project until after Applicant meets its obligations under Section 4.4 to Utility's satisfaction. Applicant agrees that, if Utility provides Service to the Development or continues working on the Project even though conflicts remain, Applicant is responsible for resolving those conflicts at its Total Cost and to Utility's satisfaction and Applicant must (at its Total Cost) acquire and deliver to Utility all Property Rights Utility deems necessary.

2.3 Inaccurate Information and Field Conditions. Applicant understands that inaccurate, incomplete or outdated information and that surface and subsurface field conditions could delay Construction Complete and Service to the Development.

2.4 Sources of Power. The sources of power from the Electric System to the Development are subject to change, at Utility's discretion. Applicant understands that the Electric System configuration is dynamic and at the sole discretion of Utility and that interruptions of electric service to the Development, both on a scheduled and unscheduled basis, are inherent in the provision of service to the Development.

2.5 Providing Service to Applicant. Utility will provide Service to Applicant in accordance with this Agreement, applicable Laws and Utility's Tariff Schedules. However, if Applicant is not using the capacity Utility made available to Applicant in connection with this Agreement after the Agreement terminates, Utility (in its discretion) may reallocate the unused capacity to other Customers or Applicants.

3. Betterments; Refunds; True-Ups

3.1 Utility and Applicant Betterments. [INTENTIONALLY OMITTED]

3.2 Limitation on Refunds. The Advance Subject to Potential Refund is the maximum possible Refund that Applicant may receive. The Refund may range from $0 to the balance of the Advance Subject to Potential Refund.

3.3 Performance of True-Ups. Utility will perform any Allowance True-up if required and in accordance with Rule 9, Section A.31. Utility will perform any Total Cost True-up if required and in accordance with Rule 9, Section A.31. After Utility performs any required Allowance True-up and/or Total Cost True-up, Utility will either invoice Applicant or provide a Refund to Applicant. In accordance with Rule 9, Section A.31, Utility might perform more than one Allowance True-up and/or send Applicant an invoice(s) or Refund for Total Cost items that were finalized or became known after the original Total Cost True-up.

3.4 [INTENTIONALLY OMITTED]

3.5 [INTENTIONALLY OMITTED]

4. Applicant's Obligations

4.1 Responsibility for Total Costs; Purchase Order Process. Applicant is responsible for the Total Costs, except for those Utility is specifically responsible for under Rule 9. If Utility agreed to accept a purchase order from Applicant for the Initial Amount, Utility will invoice Applicant's Total Costs against that purchase order. Applicant acknowledges that these invoices will likely include AFUDC. At any time after Utility receives a purchase order in connection with this Agreement, Utility may send Applicant a written request to increase the purchase order. Within thirty (30) days after the date identified on that request, Applicant must deliver the modified purchase order to Utility. If Applicant does not deliver the modified purchase order to Utility before that 30-day period expires, Utility may stop work and/or not provide Service to Applicant, until after Utility receives the modified purchase order. Any delay in delivering the modified purchase order to Utility might delay completion of the Project and Service to the Development.

4.2 Payment of Advances. Applicant must pay all Advances based on the Estimated Total Costs identified initially in Exhibit B and those identified subsequently by Utility in accordance with Rule 9.

4.3 Obligation to Construct Facilities in Compliance with Laws. At its expense,Applicant and its contractors must construct and install Rule 9, Section A.12.a improvements as shown on the Design, in a manner consistent with the Property Rights for those improvements and in compliance with all Permits, applicable Laws, Utility's Standards, the Tariff Schedules and the National Electrical Safety Code.

4.4 Identification and Resolution of Conflicts; Costs Associated with Conflicts.

(A) Identification of Conflicts. Applicant must identify, in writing and in a manner satisfactory to Utility, all conflicts between (1) the Development and the Electric System located within the Development, (2) the Development and the Electric System located within or adjacent to offsite improvements required for the Development, (3) the Development and the Electric System located adjacent to the Development, and (4) the Development and Utility's Property Rights within and adjacent to the Development.

(B) Resolution of Conflicts with Utility's Facilities and Payment of Costs. If Applicant, its agents, its contractors, or its subcontractors damage, have damaged, render unsafe or have rendered unsafe the Electric System located within or adjacent to the Development or to the offsite improvements required for the Development, Applicant must (1) pay all costs to render those facilities safe, to relocate the facilities impacted, and to construct any new facilities needed and (2) provide or obtain Property Rights in Utility's name for the relocated facilities and/or new facilities, at no cost to Utility and in a location and form satisfactory to Utility (including but not limited to the type of Property Rights, the dimensions of the Property Rights area, and terms and conditions of the Property Rights).

(C) Resolution of Conflicts with Utility's Easements and Payment of Costs. If Applicant, its agents, its contractors, or its subcontractors interfered with Utility's Property Rights, Applicant must (1) pay all costs incurred by Utility that are associated with the interference and (2) either remove the interference and return the Property Rights area to a condition that is usable by Utility or provide or obtain replacement Property Rights in Utility's name, at no cost to Utility and in a location and form satisfactory to Utility (including but not limited to the type of Property Rights, the dimensions of the Property Rights area, and terms and conditions of the Property Rights).

4.5 Payment of Invoices; Work Stoppage and Service Delay for Non-Payment. In addition to providing Applicant with an invoice for the Initial Amount, Utility might periodically invoice Applicant in connection with this Agreement for new or increased Total Costs. If Utility agreed to accept a purchase order from Applicant, Utility will invoice Applicant for the Total Costs against that purchase order (as amended). Otherwise, the Initial Amount is due when Applicant delivers the signed Agreement to Utility. Applicant must pay Utility's invoices within sixty (60) days of receipt. If mailed, Utility's invoices are deemed received by Applicant three (3) days after the invoice date. Applicant must reference PID 3012434773 on any payment. If Utility does not receive timely payment of its invoices, then Utility, without liability to Applicant, may stop work on the Project and/or not provide Service to the Development until after Utility receives payment in full. Any delay in payment might result in a delay in completion of the Project.

4.6 Interest. Any amount unpaid and due by Applicant under this Agreement will accrue interest at the then current per annum simple prime rate, as published in the Market Data section of the Wall Street Journal, plus one percent (1%), from the original due date through the date of receipt of payment by Utility. However, Utility will not pay Applicant any interest on the amount of any payment made in connection with this Agreement.

4.7 Information Provided by and Needed from Applicant. Applicant acknowledges that Utility relies on information provided by Applicant when performing Utility's obligations under this Agreement. Applicant acknowledges that it has a continuing obligation to provide the most current and accurate information concerning its Development to Utility and to notify Utility of any inconsistencies between the Design and facilities constructed (or being constructed) for the Project and/or the Property Rights for those facilities. Applicant also understands that Utility is not aware of and cannot know all surface and subsurface field conditions. Notwithstanding anything to the contrary in this Agreement, Applicant agrees to assume all responsibilities and Total Costs for repair, replacement, redesign, modification, relocation or other work to the facilities constructed, or being constructed, for the Project:

(A) Resulting from or arising out of incomplete, inaccurate or outdated data and other information supplied to Utility by Applicant; or

(B) Resulting from or arising out of changes affecting the accuracy or completeness of data or information after it is supplied to Utility by Applicant; or

(C) Resulting from or arising out of surface or subsurface field conditions; or

(D) That were installed outside the Property Rights intended for such facilities; or

(E) That were installed based on surveys or staking provided by Applicant or Applicant's agents that are found to be located outside the Property Rights intended for such facilities.

4.8 Inspection of and Responsibility for Rule 9, Section A.12.a Improvements Installed by Applicant. For Rule 9, Section A.12.a improvements installed by Applicant, Applicant must:

(A) Allow Utility to inspect the construction and installation of these improvements.

(B) Maintain, repair, and (as Utility deems necessary) replace these improvements until Utility's Acceptance, in addition to providing the guarantees in Section 6. If Applicant must use conduit it installed or pre-existing conduit for Service to the Development, Applicant (in Utility's discretion and at Applicant's expense) must video inspect, re-mandrel, re-mule tape, and repair the conduit. If all or a portion the conduit cannot be repaired, Applicant (at its expense and to Utility's satisfaction) must replace the damaged conduit.

4.9 Obligation to Provide Information to Utility. In addition to providing the information required by Rule 9, Subsection A.2.c and within ten (10) days of Utility's written request, Applicant must provide information and documentation requested by Utility, including but not limited to absorption information, information and documentation relating to the amount(s) Applicant paid, if any, for third-party Property Rights, and information and documentation relating to the actual cost of Applicant's non-cash contributions to Utility under Rule 9, Section A.12.a.

5. Property Rights;Ownership and Lien Release(s)

5.1 Obligation to Acquire and Convey Property Rights. Applicant must, without cost to Utility, grant and convey, or obtain for Utility, all Property Rights that Utility deems it requires for the Utility facilities (or any portion thereof) affected under this Agreement. In Utility's discretion and at Applicant's Total Costs, Utility may obtain an appraisal(s) of the Property Rights.

5.2 Condition to Commencing Construction. Utility is not obligated to commence construction of any facilities until after the required Property Rights are permanently granted to Utility in a manner that is satisfactory to Utility as to both location and form (including but not limited to the type of Property Rights, dimensions of the Property Rights area and terms and conditions relating to the Property Rights).

5.3 Responsibility for Use of Utility's Property Rights. Applicant is responsible for (A) any violation or breach of any Property Rights for the Project or any agreements or instruments creating or evidencing any Property Rights for the Project **(**collectively, **"Property Rights Documents")** by Applicant or any of its contractors or any of their respective subcontractors, directors, officers, employees, representatives or agents **("Responsible Parties")**; (B) any requirement of or obligation imposed by any Property Rights or Property Rights Documents in connection with any Rule 9, Section A.12.a improvements or other work performed by one or more Responsible Parties in connection with this Agreement **(**the "**Work");** and (C) any violation of applicable Law or of a Permit by one or more Responsible Parties in connection with the Work.

5.4 Ownership of Facilities and Equipment. All facilities constructed and equipment installed by Applicant and Utility, including Betterments, under this Agreement are property owned, maintained, and controlled by Utility upon Utility's Acceptance. Utility (not Applicant) owns all material Utility orders for the Project for use on Utility's side of the Point of Delivery. Upon Utility's written request, Applicant will sign and deliver a bill of sale in a form acceptable to Utility that conveys all of Applicant's rights, title and interest in the Rule 9, Section A.12.a improvements to Utility and certifies that these improvements are free of liens and other encumbrances. Utility has the right to use, and allow other Utility customers to use, these improvements for any purpose. Utility may also allow designated telecommunications carriers and cable television companies to use these improvements if Utility is required to do so by the federal Telecommunications Act or other applicable Laws. If Applicant requests that additional spare conduit be installed in connection with this Agreement (above and beyond Utility's standard requirement for spare conduit) and pays the Total Costs associated with that additional conduit, Utility will reserve that conduit for Applicant if requested by Applicant and Utility and Applicant enter into a separate agreement for the reserved additional spare conduit. If Utility and Applicant do not enter into such an agreement and Applicant still requests additional spare conduit, Utility may use any spare conduit for other Utility customers and allow designated telecommunications carriers and cable television companies to use that conduit.

5.5 Release of Lien or Claim. Upon Utility's written request, Applicant must furnish to Utility a complete release of any lien or claim and receipts covering in full all labor, material, and equipment for which a lien could be filed in relation to the Rule 9, Section A.12.a improvements.

6. Guarantees

6.1 Guarantee Against Defects. Applicant guarantees, regardless of Utility's Acceptance, all work Applicant and its contractors/subcontractors perform and all material and equipment they furnish under this Agreement against defects in materials and workmanship for a period of one (1) year following completion of the Project. Applicant also guarantees any corrective work and replaced or repaired materials against defects for an additional one-year period following completion of the work.

6.2 Utility's Option to Remedy Defect. Utility may, at its option and Applicant's sole Total Cost, either itself remedy or require Applicant to remedy any defect in materials or workmanship provided by Applicant and its contractors/subcontractors that develop during the one-year period provided for in Section 6.1. The option and obligation to repair extend to any damage to facilities or work caused by the particular defect or repair of the defect. Applicant must remedy the defect(s) to Utility's satisfaction. Should Utility choose to remedy a defect, Applicant must pay Utility all amounts it incurred within sixty (60) days of receiving an invoice from Utility.

6.3 Modification or Relocation of Electric Facilities. If Applicant requests that the Line Extension or relocation be constructed prior to the establishment of final grade or the alignment of the roads, streets, or alleys and a conflict arises, Applicant is responsible for the Total Cost to relocate, modify and remove the electric facilities in accordance with Rule 9, Section A.10. Any replacement Property Rights Utility determines are needed must be granted to Utility in a manner that is satisfactory to Utility as to both location and form (including but not limited to the dimensions of the Property Rights area and terms and conditions relating to the Property Rights).

7. Default

7.1 Procedure. If a Party **("Defaulting Party")** fails to comply with the terms and conditions of this Agreement, within ten (10) days of receiving written notice of such failure from the other Party **("Non-Defaulting Party"),** the Defaulting Party and Non-Defaulting Party must meet and cooperate in good faith to expedite a solution of the breach. If no solution is reached and the failure continues for thirty (30) days after the meeting between the Defaulting Party and Non-Defaulting Party (or after this meeting was scheduled to occur), then the Non-Defaulting Party is entitled to declare the Defaulting Party in default and is entitled to all remedies authorized by law, with the exception that Utility's failure to achieve any scheduled date that is dependent on Applicant's or a third-party's performance is not an event of default.

7.2 Notice to Utility's Legal Department. In addition to sending written notice to Utility's Project Coordinator and to the Utility department identified in Section 13.2, Applicant must also send a copy of any notice required under Section 7 to Utility's Legal Department at the address specified in the "Notices" Section of the Agreement.

8. Confidentiality

8.1 Exchanging Information. Utility might provide Applicant with information to be used in complying with the Agreement. Some or all of this information, including, but not limited to, oral information, documents, supplier information, files, drawings, and data, might be confidential.

8.2 Labeling Information Confidential. If Utility wants information to be treated as confidential, Utility must label the written information as "CONFIDENTIAL" or inform Applicant that non-written information requires confidential treatment **("Confidential Information")**.

8.3 Procedures for Protection of Confidential Information. To the extent allowed by Law, Applicant must keep all information designated as "Confidential Information" strictly confidential and not disclose any Confidential Information to any person or entity except as expressly provided in these procedures or as otherwise approved in writing in advance by Utility. Applicant must establish commercially reasonable procedures designed to maintain the confidentiality of Confidential Information, which procedures must include, but are not limited to:

(A) Not permitting or making any copies of, or otherwise duplicating, any Confidential Information; and

(B) Keeping all Confidential Information obtained or possessed by Applicant in a secure location.

8.4 Return or Destruction of Confidential Information. Upon Utility's request, Applicant must promptly either return to Utility, or certify the destruction of, all Confidential Information that Applicant received, together with all copies, excerpts, notes and documents derived or generated from the Confidential Information.

8.5 Sharing Confidential Information. Applicant may disclose Confidential Information to its affiliates, attorneys, consultants, contractors and subcontractors **(**collectively, "**Other Parties");** provided, however, Utility approves disclosure to the Other Party in writing in advance. Applicant will ensure that these Other Parties abide by the terms of this Confidentiality Section. Utility reserves the right to refuse to approve or agree to the disclosure of Confidential Information to any person.

8.6 Request for Confidential Information Through Legal Process. Notwithstanding anything to the contrary in this "Confidentiality" Section, if Applicant is requested by a third party or might be legally compelled to disclose Confidential Information, to disclose excerpts, notes or documents derived or generated from the Confidential Information, or to disclose discussions regarding the Confidential Information, it must provide Utility with immediate written notice, as soon as practicable in the circumstances, after Applicant learns that a disclosure is requested or may be compelled, so that Utility may seek a protective order, injunction, or any other remedy. The written notice must identify with particularity the Confidential Information that is the subject of the request or for which disclosure may be compelled. If a protective order, injunction, or other remedy is not obtained, Applicant will furnish only that portion of the Confidential Information that Applicant is legally required to disclose. Applicant will cooperate with Utility's counsel, at Applicant's Total Costs, if Utility seeks to obtain a protective order, injunction, or other remedy or other reliable assurance that confidential treatment will be accorded the Confidential Information.

8.7 Rights and Limitations. Utility does not grant any right or license, by implication or otherwise, to Applicant as a result of Utility's disclosure or discussion of Confidential Information. Utility makes no representation or warranties regarding the accuracy or completeness of this information. Applicant expressly recognizes that this information is provided "AS IS, with all faults" and Utility makes NO WARRANTIES, EXPRESS OR IMPLIED STATUTORY OR OTHERWISE, WITH RESPECT TO THE CONFIDENTIAL INFORMATION AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES.

9. Force Majeure

9.1 Notice of Force Majeure Event. If a Force Majeure Event occurs or is anticipated, the affected Party must promptly notify the other Party in writing of the Force Majeure Event. This notice must include a description, cause and estimated duration of the Force Majeure Event. Regardless of the cause, Applicant's failure or inability to pay some or all of the Total Costs is not a Force Majeure Event.

9.2 Duty to Mitigate Effects of Delay. The affected Party must exercise Commercially Reasonable Efforts to shorten, avoid, and mitigate the effects of the Force Majeure Event.

9.3 Notice of Resumption of Performance. The affected Party must promptly notify the other Party in writing when the Force Majeure Event has ended and when performance will resume.

9.4 Liability; Termination Option. Utility is not liable to Applicant for Total Costs incurred as a result of any delay or failure to perform as a result of a Force Majeure Event. In accordance with Rule 9, Section A.27.c.4 and with prior written notice to Applicant, Utility may terminate the Agreement without liability to Applicant provided Utility, in consultation with Applicant, first determines the Force Majeure Event renders Project performance impossible or impractical.

9.5 Notice to Utility's Legal Department. In addition to sending notices required under this "Force Majeure" Section to the Project Coordinator, Applicant must also send a copy of all required notices to Utility's Legal Department at the address specified in the "Notices" Section of this Agreement.

10. Representations

10.1 No Pending Actions, Suits or Proceedings. Applicant represents that to its knowledge as of the date of this Agreement, there are no actions, suits or proceedings pending or threatened against Applicant in any court or before any administrative agency that would prevent its performance under this Agreement.

10.2 Authority. Each Party has taken all actions as may be necessary or advisable and proper to authorize this Agreement, the execution and delivery of it, and the performance contemplated in it. The individuals executing this Agreement state and acknowledge that they are authorized and empowered to do so on behalf of the Party so designated.

11. Miscellaneous Provisions

11.1 Insurance. Applicant must require that the contractor and subcontractors performing the Work (defined in Section 5.3) procure and maintain in effect the insurance coverages set forth in Exhibit D-1 until after Utility's Acceptance of the Work. If Applicant performs any Work, Applicant must procure and maintain in effect the insurance coverages set forth in Exhibit D-2 until after Utility's Acceptance of the Work. The requirements of this "Insurance" Section are not intended to and will not in any manner limit or qualify the liabilities and obligations of Applicant under this Agreement.

11.2 Utility's Tariff Schedules; Commission. This Agreement is made by the Parties pursuant to Utility's Tariff Schedules. Those Tariff Schedules apply to this Agreement, are binding on the Parties and supersede any portion of this Agreement should a conflict arise. However, Rule 9 is the version in effect on the Effective Date unless otherwise specified. Notwithstanding Section 11.10, this Agreement is, at all times, subject to such changes or modifications by the Commission as the Commission may from time to time direct in the exercise of its jurisdiction. This Section survives default, expiration, or termination of this Agreement or excuse of performance.

11.3 Integration. This Agreement, together with documents executed with the same formality as this Agreement, represent the entire and integrated agreement between Utility and Applicant and supersedes all prior and contemporaneous communications, representations, and agreements, whether oral or written, relating to the subject matter of this Agreement.

11.4 Assignment. This Agreement is binding upon the successors and assigns of Applicant effective upon receipt of written consent of Utility, such consent not to be unreasonably withheld. However, no assignment is effective until after the requirements in Rule 9, Section A.19 are complied with, including but not limited to (A) Applicant's successor or assignee agrees in writing to assume all obligations and liabilities under this Agreement and (B) Applicant (in Utility's discretion) agrees in writing to continuing liability in connection with certain obligations.

11.5 Limitation of Damages. Notwithstanding anything to the contrary, Utility is not liable to Applicant for any consequential, indirect, exemplary or incidental damages, including but not limited to damages based upon delay, lost revenues or profits. This Section survives default, expiration, or termination of this Agreement or excuse of performance.

11.6 Choice of Law and Venue. This Agreement is governed by and will be construed in accordance with the laws of the State of Nevada, without giving effect to its choice or conflicts of law provisions. All actions that are beyond the scope of the Commission's jurisdiction must be initiated in the courts of Washoe County, Nevada or the federal district court with jurisdiction over Washoe County, Nevada. The Parties agree they will not initiate an action against each other in any other jurisdiction.

11.7 No Waiver. The failure of either Party to enforce any of the provisions of this Agreement at any time, or to require performance by the other Party of any of the provisions of this Agreement at any time, will not be a waiver of any provisions, nor in any way affect the validity of this Agreement, or the right of any Party to enforce each and every provision.

11.8 Independent Contractor. Neither Applicant nor Utility is, nor will they be deemed to be, for any purpose, the agent, representative, contractor, subcontractor or employee of the other by reason of this Agreement. Nothing in this Agreement or any contract or subcontract by Applicant will create any contractual relationship between Applicant's employee, agent, contractor or subcontractor and Utility.

11.9 Interpretation. Each Party to this Agreement acknowledges that it has carefully reviewed this Agreement and that each fully understands and has participated in drafting its provisions, and, accordingly, the normal rules of construction to the effect that any ambiguities are to be resolved against the drafting party are not to be employed or used in any interpretation of this Agreement.

11.10 Amendments. Any changes, modifications, or amendments to this Agreement are not enforceable unless consented to in writing by the Parties and executed with the same formality as this Agreement.

11.11 No Third-Party Beneficiaries. Nothing expressed or implied in this Agreement is intended, or should be construed, to confer upon or give any Person not a party to this Agreement, such as a Party's contractors, any third-party beneficiary rights,interests, or remedies under or by reason of any term, provision, condition,undertaking, warranty, representation, or agreement contained in this Agreement.

11.12 Remedies. All rights and remedies of a Party provided for in this Agreement will be cumulative and in addition to, and not in lieu of, any other remedies available to a Party at law, in equity, or otherwise.

11.13 Headings; Exhibits; Cross References. The headings or section titles contained in this Agreement are used solely for convenience and do not constitute a part of this Agreement, nor should they be used to aid in any manner in the construction of this Agreement. All exhibits attached to this Agreement are incorporated into this Agreement by reference. All references in this Agreement to Sections,Subsections, and Exhibits are to Sections, Subsections, and Exhibits of or to this Agreement, unless otherwise specified. And, unless the context otherwise requires,the singular includes the plural and the plural includes the singular and the neuter includes feminine and masculine.

11.14 Discretion. Reference in this Agreement to the "discretion" of a Party means the Party's sole and absolute discretion. Such discretion is not subject to any external standard, including but not limited to any standard of custom or reasonableness.

11.15 Severability. If any portion or provision of this Agreement is invalid, illegal, or unenforceable, or any event occurs that renders any portion or provision of this Agreement void, the other portions or provisions of this Agreement will remain valid and enforceable. Any void portion or provision will be deemed severed from this Agreement, and the balance of this Agreement will be construed and enforced as if this Agreement did not contain the particular portion or provision held to be void.The Parties further agree to amend the Agreement to replace any stricken portion or provision with a valid provision that comes as close as possible to the intent of the stricken portion or provision.

11.16 Counterparts. The Parties may execute this Agreement in counterparts. Each of these counterparts, when signed and delivered, is deemed an original and, taken together, constitutes one and the same instrument. A facsimile or email copy of a signature has the same legal effect as an originally-drawn signature.

11.17 Performance of Acts on Business Days. Any reference in this Agreement to time of day refers to local time in Nevada. All references to days in this Agreement refer to calendar days, unless stated otherwise. Any reference in this Agreement to a "business day" refers to a day that is not a Saturday, Sunday or legal holiday (or observed as a legal holiday) for Nevada state governmental offices under the Nevada Revised Statutes. If the final date for payment of any amount or performance of any act required by this Agreement falls on a Saturday, Sunday or legal holiday, that payment is required to be made or act is required to be performed on the next business day.

11.18 [INTENTIONALLY OMITTED]

11.19 Jury Trial Waiver. TO THE FULLEST EXTENT PERMITTED BY LAW, EACH OF THE PARTIES HERETO WAIVES ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN RESPECT OF LITIGATION DIRECTLY OR INDIRECTLY ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT. EACH PARTY FURTHER WAIVES ANY RIGHT TO CONSOLIDATE ANY ACTION IN WHICH A JURY TRIAL HAS BEEN WAIVED WITH ANY OTHER ACTION IN WHICH A JURY TRIAL CANNOT BE OR HAS NOT BEEN WAIVED.

12. Term and Termination

12.1 Term of Agreement. This Agreement is effective on the Effective Date and will continue for a term of five (5) years unless terminated earlier under this Agreement.

12.2 Termination of Project by Applicant or Mutual Agreement. Applicant may terminate the Project with prior written notice to Utility. If Applicant terminates the Project, this Agreement will terminate thirty (30) days after Utility receives that termination notice. If the Parties mutually agree to terminate the Project, Utility will document that in a writing sent by Utility to Applicant; and, this Agreement will terminate thirty (30) days thereafter.

12.3 Termination of Project by Utility. Utility may terminate the Project in accordance with Rule 9, Section A.27.c. If Utility terminates the Project under Rule 9, Section A.27.c(2) or Rule 9, Section A.27(c)(3), this Agreement will terminate thirty (30) days after Utility provides Applicant with written confirmation that Utility met and conferred with Applicant, or made Commercially Reasonable Efforts to do so.

12.4 Surviving Obligations. Any default or termination of this Agreement or excuse of performance for a Force Majeure Event or otherwise does not release Applicant from any liability or obligation to Utility for:

(A) Obligations under Section 4.3;

(B) Obligations under Section 4.4;

(C) Obligations under Section 4.7;

(D) Obligations under Section 5;

(E) Obligations under Section 6;

(F) Obligations under Section 8;

(G) Obligations that arise under Section 11.1; and

(H) Paying the Total Costs associated with this Agreement incurred before default or termination or excuse of performance and paying Total Costs that result from default, termination and excuse of performance.

The provisions of Section 4.5, Section 4.6, Section 11.2, Section 11.5, Section 11.6, Section 11.19 and Section 13 continue to apply to this Section.

13. Notices

13.1 Method of Delivery; Contacts. Each notice, consent, request, or other communication required or permitted under the Agreement must be in writing,delivered personally, sent by electronic mail or sent by certified mail (postage prepaid, return receipt requested) or by a recognized international courier, and addressed to the Party's Project Coordinator's as follows:

Utility:
NV Energy
DeForest, Amanda (NV Energy)
Physical Address: 500 West McArthur, Winnemucca, NV 89445
Mailing Address: P.O. Box 10100, Mail Code: R77CSE, Reno, NV 89520
Telephone No.: (775)834-2501
Email Address: Amanda.DeForest@nvenergy.com

Applicant:
HUMBOLDT COUNTY
DON KALKOSKE
Physical Address: 50 W FIFTH ST, WINNEMUCCA, NV 89445
Mailing Address: 50 W FIFTH ST, WINNEMUCCA, NV 89445
Telephone No.: 775-623-6300
Email Address: DON.KALKOSKE@HUMBOLDTCOUNTYNV.GOV

13.2 Additional Notice to Utility. For any notice given by Applicant to Utility under Section 7, Section 8.6, Section 9, Section 12.2, Rule 9, Section A.28, Rule 9, Section A.32.b, Rule 9, Section A.32.d, to review certain CIAC True-up Support or to review certain Total Cost True-up Support, Applicant must also send a copy to:

NV Energy
Attn.: Rule 9 Contract Administration
7155 Lindell Rd M/S B90SD
Las Vegas, NV 89118
Email Address: Rule9department@nvenergy.com

13.3 Notice to Utility's Legal Department. For any notice given by Applicant to Utility under Section 7, Section 8.6, Section 9, Section 12.2 or Rule 9, Section A.28, Applicant must also send a copy to Utility's Legal Department. Notwithstanding Section 13.1, this notice is not effective if provided through electronic mail and may only be delivered to the following address:

NV Energy
Attn: Legal Department
6226 West Sahara Avenue, M/S 3A
Las Vegas, Nevada 89146

13.4 Receipt of Notice; Change of Information. Each notice, consent, request, or other communication required or permitted under this Agreement is deemed to have been received by the Party to whom it was addressed (A) when delivered if delivered personally; (B) on the third business day after the date of mailing if mailed by certified mail; (C) on the date the Party sends the electronic mail provided that Party does not receive a failed delivery notification; or (D) on the date officially recorded as delivered according to the record of delivery if delivered by courier. Each Party may change its Project Coordinator or contact information for purposes of the Agreement by giving written notice to the other Party in the manner set forth above.

14. Definitions

14.1 Terms Defined in Rule 1. As used in this Agreement, the following capitalized terms have the meanings ascribed to them in Rule 1: Commission; Contribution in Aid of Construction **("CIAC");** Customer; Maximum Demand; Line Extension; Service; Standards.

14.2 Terms Defined in Rule 9. As used in this Agreement, the following capitalized terms have the meanings ascribed to them in Rule 9: Advance; Advance Subject to Potential Refund; Affiliate; Allowance True-up; Alteration of Existing Facilities; Commercially Reasonable Efforts; Construction Complete; Contingent Facilities; Estimated Total Costs; Maximum Allowance; Person; Project; Property Rights; Proportionate Share Allocation; Refund; Tax Gross-up; Total Costs; Total Cost True-up; Total Cost True-up Support; Up-front Allowance.

14.3 Additional Definitions. In addition to the terms defined elsewhere in this Agreement,as used in this Agreement, the capitalized terms below will have the following definitions:

(A) Acceptance: Utility's written acknowledgement that a particular component of applicable drawings or work is, to the best of its knowledge, compliant with applicable Utility Standards.

(B) Betterment: Any deviation or upgrade to the Project made primarily for the benefit of and at a Party's voluntary election that involves:

(1) Facilities in excess of the Minimum Requirements necessary to meet the Applicant's requirements for Service or Utility's requirements for an Alteration of Existing Facilities;or

(2) An alternate route for the facilities as set forth in Rule 9, Section A.5.

(C) Development: Applicant's project for which Applicant has requested that Utility prepare the Design for new Service and/or an Alteration of Existing Facilities.

(D) Effective Date: The date this Agreement is last signed below.

(E) Electric System: Utility's underground and/or above-ground communication facilities and electric line systems for the distribution and transmission of electricity.

(F) Force Majeure Event: An event or condition that is beyond the affected Party's control, occurs without the fault or negligence of the affected Party and renders Project performance impossible or impractical. Force Majeure may include, but is not limited to, government agency orders, war, riots, acts of terrorism, civil insurrection, fires, floods, earthquakes, epidemics,weather, strikes, lock-outs, work stoppages and other labor difficulties.

(G) Law: Any federal, state, or local code, ordinance, rule, statute, enactment,regulation, or order. Any specific reference to a Law in this Agreement refers to the Law as amended from time to time unless otherwise specified.

(H) Permit: Any applicable approval, permit, consent, waiver, exemption,variance, franchise, order, authorization, right, action, or license required from any federal, state, or local governmental authority, agency, court or other governmental body having jurisdiction over the matter in question which is necessary for the Parties to perform their obligations under this Agreement and under the applicable Laws. Any specific reference to a Permit in this Agreement refers to the Permit as amended from time to time unless otherwise specified.

(I) Project Coordinator: The individual with authority to act on behalf of Utility or Applicant for purposes of the Agreement, as identified in Section 13.1.

(J) Project ID or PID: The identification number Utility assigns to a Project.

(K) Property: The premise(s) owned or controlled by Applicant commonly known as 3400 FACILITY and further described as being within Assessor's Parcel Number(s) (APN(s)) 10021405

(L) Rule 1: Utility's Electric Service Rule No. 1, Definitions. Rule 1 is part of the Tariff Schedules.

(M) Rule 9: Utility's Electric Service Rule No. 9, Electric Line Extensions. Rule 9 is part of the Tariff Schedules.

(N) Tariff Schedules: The entire body of effective rates, charges, and rules,collectively, of Utility as set forth in its rate schedules and rules for electric customers, as those rates, charges, and rules are amended from time to time.

[signature page follows]

UTILITY:

Sierra Pacific Power Company d/b/a NV Energy

By: _____

Printed Name: _____

Title: _____

Date: _____

APPLICANT:

HUMBOLDT COUNTY

By: _____
Signature

Printed Name: _____

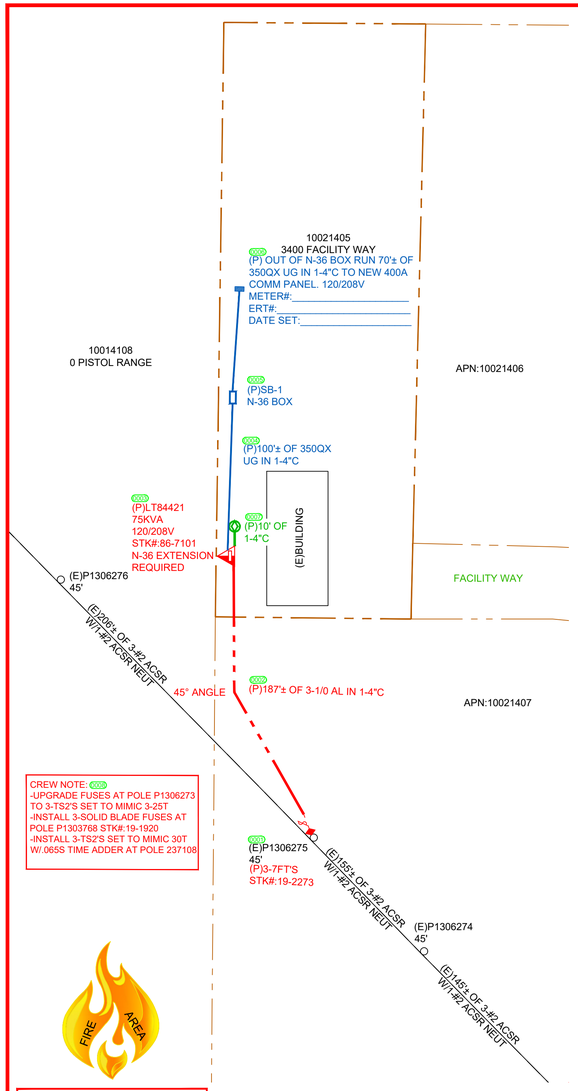
Title: _____

Date: _____

Exhibit A

Design

[Attached]



CREW NOTE:
-UPGRADE FUSES AT POLE P1306273 TO 3-TS2'S SET TO MIMIC 3-25T
-INSTALL 3-SOLID BLADE FUSES AT POLE P1303768 STK#:19-1920
-INSTALL 3-TS2'S SET TO MIMIC 30T W/.065S TIME ADDER AT POLE 237108

FIRE AREA

THIS PROJECT IS LOCATED WITHIN A TIER 1E FIRE AREA

WARNING:
ALL TRANSFORMERS MUST BE INSTALLED WITH A MINIMUM OF 10 FEET OF CLEARANCE IN ANY DIRECTION FROM ANY COMBUSTIBLE BUILDING SURFACE AND A MINIMUM OF 3 FEET OF CLEARANCE IN ANY DIRECTION FROM ANY NON-COMBUSTIBLE BUILDING SURFACE. THIS DRAWING MAY NOT BE TO SCALE, A SITE MEASUREMENT IS REQUIRED. REFER TO NVE STANDARD "PE0010U" IN VOLUME 17 SECTION 6 FOR FULL TEXT.

NOTE:
THREE PHASE TRANSFORMERS AND EQUIPMENT (SWITCHES) WILL HAVE A 10 FOOT LONG BY THE PAD WIDTH, FLAT LEVEL SURFACE IN FRONT OF THE OPENING FOR OPERATING THE SWITCH OR TRANSFORMER BY NVE PERSONNEL. SUITABLE MATERIALS ARE CONCRETE, ASPHALT OR PAVING BRICKS. THE CLEAR SURFACE WILL BE REVIEWED BY THE PLANNER AND INSPECTOR PRIOR TO ENERGIZATION OF EQUIPMENT. PER NVE. STD. PE0010U.

NVE ELEC. STANDARDS

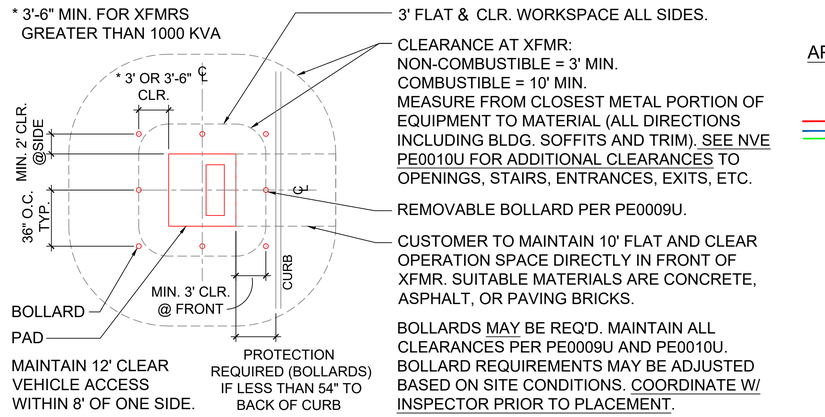
NOTE:
DEVELOPER IS RESPONSIBLE FOR ADHERENCE TO NVE GAS AND ELECTRIC STANDARDS. CONSTRUCTION STANDARDS CAN BE FOUND ON-LINE AT THE FOLLOWING WEB SITE:
www.nvenergy.com/business/building-and-new-construction-north

NV ENERGY APPROVED PLANS SHALL BE ON SITE DURING CONSTRUCTION AND INSPECTION

METER PANEL ADDRESS TAG MUST COMPLY WITH NVE STD. GM0001M SECTION 5.3

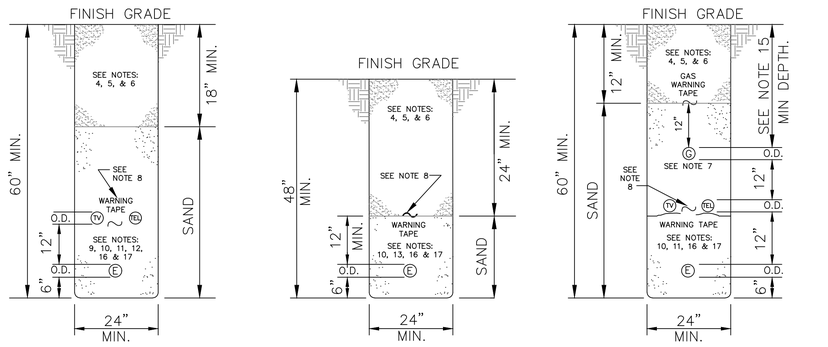
15' OSHA 1910.269 WORKING CLEARANCE FOR UN-QUALIFIED ELECTRICAL WORKERS MUST BE MET DURING CONSTRUCTION OF THE PROJECT.

CUSTOMER IS RESPONSIBLE FOR BALANCING 3PH LOAD WITHIN THE ELECTRICAL PANEL.



TRANSFORMER CLEARANCES

NTS



TYP MAIN TRENCH PRIMARY OR SECONDARY
NTS

TYP SEC/SVC TRENCH DETAIL
NTS

TYP. SERVICE JOINT TRENCH DETAIL
NTS

SEE NVE DETAILS SUB01X, TE001U, AND TE0003U FOR SPECIFIC NOTES AND ADDITIONAL REQUIREMENTS.



(E)P1306275

NV ENERGY TO FURNISH AND/OR INSTALL:

- APPROX. 187' CKT. FT. 25 KV 3Ø U/G PRIMARY C/O 3-1/0 CABLE IN 187' OF NEW 1-4"C (CONDUIT BY APPLICANT).
- APPROX. 170 CKT. FT. U/G SERVICE CABLE TO 1- 400 AMP PANEL C/O 1- 350 QX IN 1- 4"C (CONDUIT BY APPLICANT).
- 1- 3Ø PDM LOAD BREAK TRANSFORMER 75 KVA, 7.2KV/12.5KV, 208/120V STK.#86-7101
- PRIMARY RISER MATERIAL TO CONSIST OF STAND OFF BRACKETS AND LAG SCREWS ONLY. (ALL RISER CONDUIT SUPPLIED BY APPLICANT.)

APPLICANT TO FURNISH AND/OR INSTALL:

- 1- 3Ø TRANSFORMER PAD 72"x60"X8" PER NVE. STD. PE0003U. 75-300KVA, 30"x17"x12" (N-36) EXTENSION REQUIRED, NVE. STK#24-0480.(SEE VOLUME 17 SECTION 6 PE0003U).
- 1- 17"X30" H-10 CONCRETE SERVICE/SECONDARY BOX AND LID (NON TRAFFIC AND INCIDENTAL RATED BOX) (SEE VB0052U)
- PROPOSED APPROX. 187 FT. 4" PVC PRIMARY CONDUIT.
- PROPOSED APPROX. 170 FT. 4" PVC SERVICE CONDUIT.
- FUTURE APPROX. 10' FT. 4" PVC CONDUIT.
- (ABOVE FOOTAGE DOES NOT INCLUDE SWEEPS OR RISERS FOR SECONDARY BOXES, TRANSFORMERS, JUNCTION ENCLOSURES, ETC.)

APPLICANT IS RESPONSIBLE FOR MANDRELLING CONDUIT AND INSTALLING A PULL LINE THAT MEETS OR EXCEEDS THE FOLLOWING REQUIREMENTS:

- THE PULL LINE WILL BE OF A FLAT DESIGN
- SHALL HAVE A MINIMUM BREAKING STRENGTH OF 400 LBS.
- WILL HAVE SEQUENTIAL FOOTAGE MARKINGS
- EXAMPLES OF PULL LINES THAT MEET THESE REQUIREMENTS (NVE. STK.#95-7305)
- NEPTCO "MULE TAPE" (WP400P)
- CONDUX INTERNATIONAL (08096203)
- SEE NVE VOLUME 17, SECTION 4-CD0001U.

ALL CONDUIT TO BE A MINIMUM DB120 PVC GRAY BELOW GROUND.
(ABOVE GROUND RISER CONDUIT TO INCLUDE: SCH 80 SWEEP, 10' OF SCH 80, 3 - 10' SECTIONS OF SCH 40 AND BOLT-ON WEATHER HEAD. SWEEP AND RISER MATERIAL MUST BE OF LIKE KIND. STEEL OR PVC)
ALL TRENCHING AND BACKFILL PER APPLICABLE NVE. STDS. TE0001, TE0003, TE0004 AND TE0020.

ALL STAKING REQUIREMENTS PER NVE. STD. GI0001U/G/W AND GI0002U.

ALL STREET CUT PERMITS AND PAVEMENT CUTTING AND REPLACEMENT AS REQUIRED.
PRIMARY RISER RISER MATERIAL C/O 4" MINIMUM DB-120 SWEEP, 10' OF 4" SCHEDULE 80 CONDUIT AND 30' OF SCHEDULE 40 CONDUIT INSTALLED BY NVE FOR 45° POLE. STAND-OFF BRACKETS AND LAG SCREWS BY NVE. (NVE TO INSTALL 30' OF SCHEDULE 40 CONDUIT ONLY.) TRAFFIC AREAS SHALL BE GALVANIZED RIGID STEEL FOR FIRST 10' OF RISER. SWEEP AND RISER MATERIAL MUST BE OF LIKE KIND. (STEEL OR PVC)
8' x 5/8" GROUND RODS AT SWITCH, TRANSFORMER AND JUNCTION ENCLOSURE LOCATIONS.
BEFORE INSTALLATION OF THE UTILITY FACILITIES AND IF NO PUBLIC UTILITY EASEMENTS EXIST, THE OWNER OF RECORD SHALL SIGN APPROPRIATE EASEMENT DOCUMENTS.
ALL SERVICE CONDUITS TO BE STUBBED 10' MINIMUM FROM TRANSFORMER PADS AND SECONDARY BOXES AT THE SAME TIME AS MAIN LINE INSTALLED PER NVE STDS VOLUME 17. (TE0020U)

GENERAL COMMENTS:

CALL NVE INSPECTION REQUEST LINE (775)623-3440 48 HOURS PRIOR TO START OF ALL OVERHEAD OR UNDERGROUND CONSTRUCTION. (INCLUDE PROJECT NUMBER, NAME AND PHONE NUMBER, AND TYPE OF INSPECTION REQUIRED)
METER PANELS ARE TO BE LABELED IN ACCORDANCE WITH NVE STD. GM0001M SEC. 5.3
VAULTS, TRANSFORMERS AND SECONDARY BOXES WILL HAVE MINIMUM 3' FLAT AND CLEAR ON ALL FOUR SIDES, 10' CLEAR IN FRONT OF TRANSFORMERS.
PADMOUNT EQUIPMENT MUST MEET REQUIRED LOCATIONS/CLEARANCES PER NVE. STD. PE0010U
THREE PHASE TRANSFORMERS AND EQUIPMENT (SWITCHES) WILL HAVE A 10 FOOT LONG BY THE PAD WIDTH, FLAT LEVEL SURFACE IN FRONT OF THE OPENING FOR OPERATING THE SWITCH OR TRANSFORMER BY NVE PERSONAL. SUITABLE MATERIALS ARE CONCRETE, ASPHALT OR PAVING BRICKS. THE CLEAR SURFACE WILL BE REVIEWED BY THE PLANNER AND INSPECTOR PRIOR TO ENERGIZATION OF EQUIPMENT. PER NVE. STD. PE0010U
EQUIPMENT BARRIER POSTS MAY BE REQUIRED PER NVE. STD. PE0009U.
ALL SECONDARY BOXES AND PRIMARY VAULTS SHALL BE TO FINISH GRADE.

ALL MATERIAL SHALL BE ON THE JOB SITE PRIOR TO THE START OF ANY WORK BY NVE.

REFER TO NVE. STDS. US0001M FOR FURTHER CLARIFICATION OF DETAILS.

COMPACTION TESTS REQUIRED PER NVE. STD. SUB01X.

NO TREE SHALL BE PLANTED UNDER OR ADJACENT TO ENERGIZED POWER LINES WHICH, AT MATURITY, SHALL GROW WITHIN 10 FEET OF THE ENERGIZED CONDUCTORS. NOR SHALL ANY PERMANENT STRUCTURE, FENCE, SHRUB OR TREE BE PLANTED CLOSER THAN 10 FEET IN FRONT AND 3 FEET FROM ALL OTHER SIDES OF A PAD MOUNTED TRANSFORMER.
THESE DRAWINGS ARE BASED ON CIVIL PLANS DATED: 9/30/2024
NOTE: DEVELOPER IS RESPONSIBLE FOR ADHERENCE TO NV ENERGY GAS AND ELECTRIC STANDARDS. CONSTRUCTION STANDARDS CAN BE FOUND ON-LINE AT THE FOLLOWING WEB SITE:
https://www.nvenergy.com/business/building-and-new-construction-north
APPLICANT SHALL BE RESPONSIBLE FOR PROTECTING GAS VALVES, ELECTRIC CABLES, DUCTS, AND OTHER STRUCTURES FROM SUPERIMPOSED LOADING CREATED BY CONSTRUCTION EQUIPMENT OR OTHERWISE.
APPLICANT SHALL REPAIR OR PAY FOR ANY DAMAGE DONE TO ABOVE EQUIPMENT TO MEET NVE'S INSPECTOR APPROVAL. NVE STD. VOL. 17 RU0005U
THIS MAP ILLUSTRATES DATA COLLECTED FROM VARIOUS SOURCES AND MAY NOT REPRESENT A SURVEY OF THE PREMISES. NO RESPONSIBILITY IS ASSUMED AS TO THE SUFFICIENCY OR ACCURACY OF THE DATA DISPLAYED HEREON.
ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN THE ELECTRIC DISTRIBUTION GUIDE, VOL. 17 AS CURRENTLY ADOPTED BY NVE. THE CONTRACTOR SHALL SECURE COPIES OF THE AFOREMENTIONED CONSTRUCTION SPECIFICATIONS ON HIS OR HER OWN BEHALF.
USE CAUTION! PRIOR TO EXCAVATION, CHECK TO ENSURE ADDITIONAL DEPTH IS NOT REQUIRED TO ACCOMMODATE GAS AND/OR WATER FACILITIES.

SYMBOLS ARE NOT TO SCALE AND DO NOT NECESSARILY REPRESENT ACTUAL LOCATIONS OF FACILITIES.

DO NOT OPEN NV ENERGY EQUIPMENT. NV ENERGY EQUIPMENT TO BE OPENED BY QUALIFIED NV ENERGY EMPLOYEES ONLY.

DRAWING	DESIGNED BY	DATE
BASE	AMANDA FRANKLIN	9/30/2024
ELECTRIC	AMANDA FRANKLIN	9/30/2024
GAS		

REVIEWED BY:

Utility Designer	Engineer	Design Administrator	Design Facilitator
AD	KK		

NO.	REVISION DESCRIPTIONS	DATE	DI
1			
2			
3			
4			
5			
6			
7			





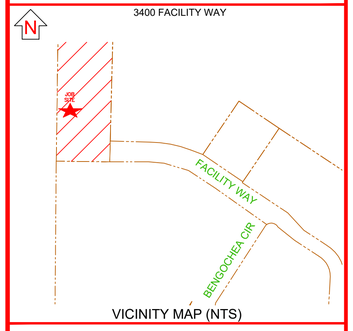
NVEnergy.
P.O. Box 10100
R77CSE
Reno, NV. 89520-0024

NV ENERGY CONTACT INFORMATION:
COORDINATOR: AMANDA FRANKLIN
OFFICE: # (775)834-2501
CELL: # (775) 217-5610
EMAIL: Amanda.DeForest@nvenergy.com
DESIGNER: AMANDA FRANKLIN
INSPECTION HOTLINE: # 775-623-3440

CUSTOMER CONTACT INFORMATION:
CUSTOMER: HUMBOLDT COUNTY
ATTENTION: DON KALKOSKE
PHONE: # 775-623-6300
EMAIL: DON.KALKOSKE@HUMBOLDTCOUNTYNV.GOV
CUST REP: # GARY GLASSING
PHONE: # 208-577-5605
EMAIL: GARYGLASSING@CUSHINGTERRELL.COM

TOWNSHIP-RANGE-SECTION	APN#
3638-18	10021405

SOURCE INFORMATION:
701
7.2KV NORM OUT OF WINNEMUCCA



VICINITY MAP (NTS)

E-3400 FACILITY WAY-FP-COMM-E-HUMBOLDT COUNTY

N

NVEnergy.

EXHIBIT "A" APPLICANT INSTALLED CONDUIT
ELECTRIC DESIGN

SCALE: 1"=50'

SHEET#: E1 of 1

AUD#: 301243773
GAS#:
ELE#: 301243773

Exhibit B

Cost Worksheet

[Attached]

Cost Worksheet ("Exhibit - B")

Project ID :	3012434773	Project Title :	E-3400 FACILITY WAY-FP-COMM-E-HUMBOLDT COUNTY
Units :	1	kVA :	44
Estimate Version :	2	Estimate Request Number :	102084
Contract Type :		NVEnergy Contact :	Amanda DeForest
Substation PID :			

Cost Estimate Summary

	Total Cost Estimate	Applicant Minimum	Applicant Non-Refundable	NVEnergy Responsibility
Labor & Overhead	15,171.65	15,171.65	650.30	0.00
Material & Overhead	71,902.69	71,902.69	0.00	0.00
DCA	0.00	0.00	0.00	0.00
Substructure	0.00	0.00	0.00	0.00
Permits & Vouchers	0.00	0.00	0.00	0.00
Applicant Installed Costs	0.00	0.00	0.00	0.00
Contingency Cost	0.00	0.00	0.00	0.00
Total Amount	87,074.00	87,074.00	650.00	0.00

Advance Calculation

Refundable

Total Customer Minimum Cost Subject to Refund	86,424.00
Proportionate Share	0.00
Proportionate Share Waived	0.00
Refund Subject to Allowance & Excess Salvage	86,424.00
Excess Salvage Credit from A & B to be applied to Refundable	0.00
Initial Allowance	6,423.00
Total Refundable	80,001.00

Non-Refundable

A

Total Customer Minimum NonRefundable	650.00

(Subject to Salvage Credit & Not Subject to Excess Allowance)

Salvage/Scrap To be applied	
Excess Salvage Credit to be applied from B	0.00
Applicant Non-Refundable Cost	650.00

(Not Subject to Street Light Allowance After applying Salvage Credit)

B

Total Customer Minimum NonRefundable	0.00

(Subject to Salvage Credit & Initial Allowance)

Salvage/Scrap To be applied	
Excess Salvage Credit to be applied from A	0.00
Total Customer Minimum NonRefundable	0.00

(Subject to Initial Allowance After applying Salvage Credit)

Excess Allowance	0.00
Total Customer Minimum NonRefundable	0.00

(After applying Excess Allowance and Salvage Credit)

Total Non-Refundable	650.00
Removal Cost Without Salvage	0.00
Rule 9 Removal of Existing Facilities	0.00
Streetlight Removal of Existing Facilities	0.00
Rule9 TotalTaxable NonRefundable Cost	650.00
Streetlight Total Taxable NonRefundable Cost	0.00
Rule9 Total NonTaxable NonRefundable Cost	0.00
Streetlight Total NonTaxable	0.00

North Street Light Non Refundable

C

Total Street Light Customer Min Non Refundable cost	0.00

(Subject to Salvage Credit & Not subject To Street Light Allowance)

Salvage/Scrap To be applied	
Excess Salvage Credit to be applied from D	0.00
Applicant Non-Refundable Cost	0.00

(Not Subject to Street Light Allowance After applying Salvage Credit)

D

Street Light Applicant Non-Refundable Cost	0.00

(Subject to Salvage Credit & Streetlight Allowance)

Salvage/Scrap To be applied	
Excess Salvage Credit to be applied from C	0.00
Street Light Applicant Non Refundable Cost	0.00

(Subject to Streetlight Allowance After applying Salvage Credit)

Streetlight Allowance	0.00
Street Light Applicant Non Refundable Cost	0.00

(After applying Streetlight Allowance and Salvage Credit)

Cost Worksheet ("Exhibit - B")

Advance Summary

Advance Subject to Refund		Current Tax Rate	11.70
Non-Taxable Advance	0.00	Total Non-Taxable	0.00
Taxable Advance	80,001.00	Total Taxable (Less Tax)	80,651.00
Tax	9,360.00	Total Tax	9,946.00
Total Advance Subject to Refund	89,361.00	Total Contract Amount (subject to credits)	90,597.00
Non-Refundable Advance			
Non-Taxable Advance	0.00		
Taxable Advance	650.00		
Tax	76.00	Customer Contributed facilities value	4,363.00
Substructures Tax	510.00		
Streetlight Non-Refundable Advance			
Street Light Non-Taxable Advance	0.00		
Street Light Taxable Advance:	0.00		
Street Light Tax	0.00	Street light Customer Contributed facilities	0.00
Street Light Substructures Tax	0.00		
Total Non-Refundable Advance	1,236.00		
Total Contract Amount (subject to credits)	90,597.00		
Applicant Installed Conduit Credit	0.00		
Streetlight Conduit Credit	0.00		
Applicant Installed Oversized Facilities Credit	0.00		
Applicant Installed Gas Mains Credit	0.00		
Applicant Installed Service Reimbursement Credit	0.00		
Utility Betterment Expenses			
Retention Percentage	0.00		
Applicant Credit	0.00		
Retention Amount	0.00		
Design Advance	3,000.00		
Total Applicant Advance/Credit	87,597.00		

Exhibit C

Allowance Worksheet

[Attached]

Allowance Worksheet ("Exhibit - C")

Project ID: 3012434773 Project Title : E-3400 FACILITY WAY-FP-COMM-E-HUMBOLDT COUNTY Substation PID: Short Life Years: N/A

Total Potential Future Refundable Including Tax $89,361.00

Total Proposed Rule 9 Allowance $6,423.00

*Note: Total Proposed Rule 9 Allowance excludes Street Light Allowance

Initial Rule 9 Allowance

Existing Load	Switch Gear Location/building ID	Rate Schedule	Primary or Secondary Svc	Estimated Demand	Meter Unit/KVA		Build out Factor		Allowance Mtr/Unit/KVA		Allowance Multiplier Unit/Meter/KVA		Short Life Adjustment		Initial Allowance
No	PLANS	GS-1 Secondary (<4kV-<50kW or <10000kWH)	Secondary	1.00	Meter	X	50.00%	=	1.00	X	$6,423.00	X	N/A	=	$6,423.00

Initial Allowance $6,423.00

Total Initial Allowance Given $6,423.00

Potential Future Rule 9 Allowance

Existing Load	Switch Gear Location/building ID	Rate Schedule	Primary or Secondary Svc	Estimated Demand	Meter Unit/KVA		Build out Factor		Allowance Mtr/Unit/KVA		Allowance Multiplier Unit/Meter/KVA		Short Life Adjustment		Potential Future Allowance
No	PLANS	GS-1 Secondary (<4kV-<50kW or <10000kWH)	Secondary	1.00	Meter	X	50.00%	=	0.00	X	$6,423.00	X	N/A	=	$0.00

Potential Future Allowance $0.00

Less Credit From Initial Allowance $

Total Potential Future Allowance $0.00

ELEPA: Estimated Line Extension Project Allowance

Initial Allowance

The credit for the Allowance that Utility provides Applicant on the Effective Date based on Applicant's representation and Utility's reasonable expectation that the supporting number of meters and/or Demand will be initiated within the 12-month period following the completion of construction of the line extension facilities. Initial Allowance = ELEPA x Build-Out Factor

Total Proposed Rule 9 Allowance $

The Potential Future Allowance will be granted up to the Estimated Refundable Subject to Allowance and Excess Amount from the Cost Worksheet attached to the Line Extension Agreement as Exhibit B.

Total Potential Future Refundable Including Tax $

The Total Potential Future Refundable Dollars, inclusive of any CIAC Advanced or tax advanced, for the Line Extension Agreement. This amount does not correlate to this Allowance Worksheet, it is shown to help the customer determine easily how much of their Advance could potentially be Refunded if all Allowance is meet, and/or there are sufficient Proportionate Share attachers to warrant a 100% refund of all Refundable Dollars Advanced as part of the Line Extension Agreement.

Build-Out Factor

A multiplier established by Utility to determine the percentage of ELEPA that shall be applied as Initial Allowance in accordance with Rule 9, Section B.3. The multiplier varies by service type and rate class.

Exhibit D-1

Insurance Coverages

(Applicant's Contractors and Subcontractors)

1. Types of Insurance Required. In accordance with the "Insurance" Section of the Agreement, Applicant must cause its contractors and subcontractors who are performing Work (defined in Section 5.3 in the Agreement) to procure and maintain in effect the following (required limits can be met by use of primary, underlying, and umbrella/excess combinations):

   (A) Workers' Compensation and Employer's Liability. Workers' compensation insurance in the form and manner required by the State of Nevada. Employer's liability insurance with the following limits: (1) one million dollars ($1,000,000.00) per each accident; (2) one million dollars ($1,000,000.00) per each employee disease; and (3) one million dollars ($1,000,000.00) in the annual aggregate per each occupational disease.

   (B) Commercial General Liability Insurance. Comprehensive general liability providing bodily injury, property damage, personal injury/advertising injury, premises/operations, and products/completed operations coverage with a per occurrence limit of not less than two million dollars ($2,000,000.00) and an aggregate limit of not less than two million dollars ($2,000,000.00).

   (C) Comprehensive automobile liability with a combined single limit of one million dollars ($1,000,000.00) or a limit of one million dollars ($1,000,000.00) each person and one million dollars ($1,000,000.00) each occurrence.

   (D) Excess or Umbrella Liability Insurance. Excess or umbrella liability with a limit of not less than three million dollars ($3,000,000.00) per occurrence. Except with respect to the workers' compensation insurance, these limits apply in excess of each of the above-mentioned policies.

2. Insurer and Policy Requirements. Each contract of insurance must be with an insurer approved to do business in the State of Nevada, is A-Rated or better by A.M. Best Company and must include the following provisions or endorsements:

   (A) Additional Insured. Naming Utility, its directors, officers, and employees as additional insureds on the general liability, automobile liability insurance policies and excess/umbrella liability insurance.

   (B) Primary Insurance. Stating that the insurance is primary insurance with respect to the interest of Utility and that any insurance maintained by Utility is excess and not contributory insurance.

   (C) Subrogation Waivers. Providing Utility with waivers of subrogation on all coverages.

   (D) Severability and Cross Liability. Providing for severability of interest or cross liability coverage in the general liability, automobile liability insurance policies and excess/umbrella liability insurance.

   (E) Notice Requirement. Providing that Utility is entitled to 30-days prior written notice before cancellation of the coverage provided above.

3. Notice Requirement. Applicant must provide Utility with 30-days prior written notice before the termination, expiration, or alteration of the coverage provided above.

4. Deductible and Retention Limits. Deductible or retention amounts under the policies described above must not exceed 5% of the per occurrence coverage limits, without the express written consent of Utility.

5. Certificate of Insurance. Before Applicant's contractors or subcontractors commence any work in connection with this Agreement, Applicant must cause its contractors and subcontractors to provide Utility with certificates of insurance that name Utility as additional insured and evidence the coverage required above, including additional insured endorsement numbers. Applicant must cause its contractors and subcontractors to provide Utility with a current copy of the certificate of insurance evidencing the coverage set forth above.

Exhibit D-2

Insurance Coverages

(Applicant)

1. Types of Insurance Required. In accordance with the "Insurance" Section of the Agreement, Applicant must procure and maintain in effect the following (required limits can be met by use of primary, underlying, and umbrella/excess combinations):

   (A) Workers' Compensation and Employer's Liability. Workers' compensation insurance in the form and manner required by the State of Nevada. Employer's liability insurance with the following limits: (1) one million dollars ($1,000,000.00) per each accident; (2) one million dollars ($1,000,000.00) per each employee disease; and (3) one million dollars ($1,000,000.00) in the annual aggregate per each occupational disease.

   (B) Commercial General Liability Insurance. Comprehensive general liability providing bodily injury, property damage, personal injury/advertising injury, premises/operations, and products/completed operations coverage with a per occurrence limit of not less than two million dollars ($2,000,000.00) and an aggregate limit of not less than two million dollars ($2,000,000.00).

   (C) Automobile Liability Insurance. Comprehensive automobile liability with a combined single limit of one million dollars ($1,000,000.00) or a limit of one million dollars ($1,000,000.00) each person and one million dollars ($1,000,000.00) each occurrence.

   (D) Excess or Umbrella Liability Insurance. Excess or umbrella liability with a limit of not less than three million dollars ($3,000,000.00) per occurrence. Except with respect to the workers' compensation insurance, these limits apply in excess of each of the above-mentioned policies.

2. Insurer and Policy Requirements. Each contract of insurance must be with an insurer approved to do business in the State of Nevada, is A-Rated or better by A.M. Best Company and must include the following provisions or endorsements:

   (A) Additional Insured. Naming Utility, its directors, officers, and employees as additional insureds on the general liability, automobile liability insurance policies and excess/umbrella liability insurance.

   (B) Primary Insurance. Stating that the insurance is primary insurance with respect to the interest of Utility and that any insurance maintained by Utility is excess and not contributory insurance unless Utility is solely negligent.

   (C) Subrogation Waivers. Providing Utility with waivers of subrogation on all coverages.

   (D) Severability and Cross Liability. Providing for severability of interest or cross liability coverage in the general liability, automobile liability insurance policies and excess/umbrella liability insurance.

   (E) Notice Requirement. Providing that Utility is entitled to 10-days prior written notice before cancellation of the coverage provided above.

3. Notice Requirement. Applicant must provide Utility with 30-days prior written notice before the termination, expiration, or alteration of the coverage provided above.

4. Deductible and Retention Limits. Deductible or retention amounts under the policies described above must not exceed 5% of the per occurrence coverage limits, without the express written consent of Utility.

5. Certificate of Insurance. Before Applicant commences any work in connection with this Agreement, Applicant must provide Utility with certificates of insurance that name Utility as additional insured and evidence the coverage required above, including additional insured endorsement numbers. Applicant must provide Utility with a current copy of the certificate of insurance evidencing the coverage set forth above.

Humboldt County, Nevada County Manager's Office Calendar 2025

January

Su	Mo	Tu	We	Th	Fr	Sa
			1 Holiday	2	3	4
5	6 GID CC	7	8 MTM	9	10 Pay	11
12	13	14	15 Vouchers	16	17	18
19	20 Holiday	21 RTC CC	22	21	24 Pay	25
26	27 CC Retreat	28	29 Vouchers	30	31	

February

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3 GID CC	4	5 MTM	6	7 Pay	8
9	10	11	12 Vouchers	13	14	15
16	17 Holiday	18 RTC CC	19	20	21 Pay	22
23	24	25	26 Vouchers	27	28	

March

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3 GID CC	4	5 MTM	6	7 Pay	8
9	10	11	12 Vouchers	13	14	15
16	17 RTC CC	18	19	20	21 Pay	22
23	24 Budget	25 Budget	26	27	28	29
30	31					

April

Su	Mo	Tu	We	Th	Fr	Sa
		1	2 Vouchers	3	4 Pay	5
6	7 GID CC	8	9 MTM	10	11	12
13	14	15	16 Vouchers	17	18 Pay	19
20	21 RTC CC	22	23	24	25	26
27	28	29	30 Vouchers			

May

Su	Mo	Tu	We	Th	Fr	Sa
				1	2 Pay	3
4	5 GID CC	6	7 MTM	8	9	10
11	12	13	14 Vouchers	15	16 Pay	17
18	19 RTC CC	20	21	22	23	24
25	26 Holiday	27	28 Vouchers	29	30 Pay	31

June

Su	Mo	Tu	We	Th	Fr	Sa
1	2 GID CC	3	4 MTM	5	6	7
8	9	10	11 Vouchers	12	13 Pay	14
15	16 RTC CC	17	18	19 Holiday	20	21
22	23	24	25	26	27 Pay	28
29	30					

July

Su	Mo	Tu	We	Th	Fr	Sa
		1	2 Vouchers	3	4 Holiday	5
6	7 GID CC	8	9 MTM	10	11 Pay	12
13	14	15	16 Vouchers	17	18	19
20	21 RTC CC	22	23	24	25 Pay	26
27	28	29	30 Vouchers	31		

August

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4 GID CC	5	6 MTM	7	8 Pay	9
10	11	12	13 Vouchers	14	15	16
17	18 RTC CC	19	20	21	22 Pay	23
24	25	26	27	28	29	30
31						

September

Su	Mo	Tu	We	Th	Fr	Sa
	1 Holiday	2	3 Vouchers	4	5 Pay	6
7	8 GID CC	9	10 MTM	11	12	13
14	15	16	17 Vouchers	18	19 Pay	20
21	22 RTC CC	23 NACO	24 NACO	25 NACO	26	27
28	29	30				

October

Su	Mo	Tu	We	Th	Fr	Sa
			1 Vouchers	2	3 Pay	4
5	6 GID CC	7	8 MTM	9	10	11
12	13	14	15 Vouchers	16	17 Pay	18
19	20 RTC CC	21	22	23	24	25
26	27	28	29 Vouchers	30	31 Holiday Pay	

November

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3 GID CC	4	5 MTM	6	7	8
9	10	11 Holiday	12 Vouchers	13	14 Pay	15
16	17 RTC CC	18	19	20	21	22
23	24	25	26	27 Holiday	28 Holiday Pay	29
30						

December

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3 MTM	4	5	6
7	8	9	10 Vouchers	11	12 Pay	13
14	15 RTC CC	16	17	18	19	20
21	22	23	24	25 Holiday	26 Pay	27
28	29	30	31			

CC – Humboldt County Commission **RTC** – Regional Transportation Commission **MTM** – Management Team Meeting **GID** – General Improvement District

RPC – Regional Planning Commission convenes the second Thursday of every month

Safety Committee convenes the third Wednesday of each month

LFC – Landfill Committee Meeting convenes the third Monday in January, April, July and October

HDA – Humboldt Development Authority convenes the third Wednesday of each month

Winnemucca Regional Airport Board convenes the second Monday of each month

Winnemucca City Council convenes the first and third Tuesdays of each month with only four Tuesdays except July and December; the second and fourth Tuesdays of each month with five Tuesdays except July and December; the second Tuesday of July and/or December when there are only four Tuesdays in the month of July and/or December; and, the third Tuesday of July and/or December when there are five Tuesdays in the month of July and/or December.

Note: Vouchers for the January 6, 2025 meeting are due December 31, 2024.

REV. Nov. 2024