

Cooperative Agreement P23AC00523

Between

THE UNITED STATES DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

AND

THE CITY OF VISALIA, CALIFORNIA (“City” or “Recipient”)

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I. LEGAL AUTHORITY

National Park Service (NPS) enters into this Agreement pursuant to:

54 USC §101702(a), the Secretary of the Interior may enter into a cooperative agreement that involves the transfer of Service appropriated funds to a State, local, or tribal government or other public entity, an educational institution, or a private nonprofit organization to carry out public purposes of a Service program.

II. PROJECT BACKGROUND, PERFORMANCE GOALS, AND OBJECTIVES

A. Background

The City is a local government located in California's Central Valley. The City is responsible for the development and maintenance of safe, efficient, economic transportation systems that are cost-effective, energy-efficient, environmentally sound, and responsive to the diverse needs and values of the people of Visalia. Some of the challenges faced by the City and the Sequoia and Kings Canyon National Parks ("Park") include some of the poorest air quality in the nation, increasing visitation and traffic, and a road system that was not originally designed for its current level of use.

The San Joaquin Valley, Tulare County, and the Park are recognized as some of the most polluted areas in the United States with auto emissions being a prominent source of air pollutants. The San Joaquin Valley, west of the Sierra Nevada, is a trap for air pollutants originating in the valley as well as pollutants from the cities along the central California coast that are carried in by prevailing westerly winds. The Clean Air Act and the NPS Organic Act provide mandates for protecting air resources in national parks. In Section 160 of the Clean Air Act, Congress stated that one of the purposes of the Act is to "preserve, protect and enhance the air quality in national parks..." The City and the Park share the common objectives of mitigating traffic congestion and air pollution by providing enhanced public transportation.

The Park has between 1.7 and 1.9 million visitors a year arriving by private vehicles and commercial tour buses, a number that has increased by about 22% since 2007, the first year of the shuttle program. The Generals Highway, a National Register of Historic Places eligible property, is the only road into Sequoia National Park from the south main entrance. This road was originally designed in the 1920's and early 1930's for smaller and fewer vehicles and it is becoming increasingly difficult to maintain proper traffic flow and safety for Park visitors to access and enjoy the world-renowned Giant Forest sequoia grove. The qualities of Generals Highway, paired with the increased visitation, are having an impact on public safety, resource protection, and the ability for visitor demand to be satisfied.

In 2007, a total of 137,576 visitors rode the park shuttle. During the 2019 season of Memorial Day weekend through Labor Day, 940,164 passengers rode the internal shuttle, and 6,175 passengers rode the external shuttle. Assuming an average of three people per personal vehicle, shuttle use reduced private vehicles circulating in the Giant Forest area by

an estimated 313,388 trips, and the external shuttle equated to 2,058 fewer vehicles entering the park during peak season. Since 2008, the second-year service was offered when 147,556 people rode the internal shuttle, greenhouse gas emissions associated with park visitation have been significantly below what they would have been if all the shuttle riders instead rode in automobiles. Due to steadily increasing ridership up 684% since 2007 — total vehicle miles traveled were reduced by roughly 977,000 in 2019. By comparison, if all park visitors who used the shuttle instead drove their own car, emissions associated with park visitation would have increased. Note that the decrease in overall vehicle miles traveled and emissions reflect increased shuttle ridership, improved fuel efficiency of buses, and decreased emissions from the use of hybrid buses. The proposal to continue to provide a transit system, particularly within the popular Giant Forest area, addresses these issues of air quality, public safety, and visitor enjoyment.

The City operates the Gateway Shuttle, which provides transportation to the Park, outside of this Cooperative Agreement. The City runs this shuttle as a non-profit service, providing unique access to the Park during the months of shuttle operation. This service includes ADA-compliant buses that provide a way to visit the park for people with disabilities. It is subsidized, reasonable-cost transportation for those without vehicles, those with disabilities, and those who do not drive. The Gateway Shuttle service enhances public access to Sequoia and links to the internal shuttle system.

This project will provide transportation services in the Giant Forest area of Sequoia National Park during peak visitation periods. Buses will connect Lodgepole Visitor Center and Campground, Wuksachi Lodge, Dorst Campground, Giant Forest Museum, the General Sherman Tree, Wolverton, Crescent Meadow and Moro Rock. The Park and the City will collaborate in areas of traffic management, visitor information, resource protection, and programs to encourage park visitation by youth and minority groups in gateway communities. Because the shuttle system is paid for by transportation fees collected at entrance stations, shuttle riders will not pay a separate user fee.

B. Performance Goals

- Provide seamless transportation both to and within the park – particularly for visitors with disabilities and those who do not drive;
- Provide visitors access to park attractions at which inadequate parking supply exists (and thus alleviate the need to construct additional parking or redesign historic roadways in sensitive environments);
- Encourage tourism, enhance local economic development, and provide local employment opportunities; and
- Reduce vehicle miles traveled (VMT) and improve air quality

C. Project Objective

- Provide a safe and efficient transit system in the Giant Forest area of Sequoia National Park during peak visitation periods (defined in Article IV – Statement of Work).

III. PUBLIC PURPOSE

The public purpose of this cooperative agreement is to provide a safe and efficient system of transportation within the Park, complimented by seamless service bringing visitors from Visalia to the park via the Gateway Shuttle, to benefit gateway communities and the visiting public.

This shuttle service will:

- Accommodates the needs of those with disabilities, those without cars, and those who prefer not to drive when other options exist;
- Contributes to better air quality in the Central Valley by reducing overall emissions of CO₂ and other greenhouse gases associated with private vehicle-based national park tourism;
- Enhances the visitor experience by relieving automobile congestion at key park destinations;
- Enhanced visitor enjoyment by providing much-improved opportunities for visitors to access and enjoy the park's trail system;
- Improves public safety through the reduction of vehicles on the road during the peak summer months;
- Provides seasonal employment opportunities to local students and residents; and
- Indirectly benefits future generations by reducing impacts on natural and cultural resources caused by excess automobile traffic.

IV. STATEMENT OF WORK

A. The City will:

1. Collaboratively undertake a project titled "Shuttle Service for the Giant Forest Area in Sequoia National Park" as described throughout this Agreement.
2. Collaborate with NPS staff in training the City's drivers regarding NPS values and the preservation of park resources.
3. Provide all shuttle buses and support vehicles necessary for a shuttle operation within the Giant Forest area that includes the General Sherman Tree, Wuksachi Lodge, Lodgepole, Giant Forest Museum, Moro Rock, Crescent Meadow, Dorst Creek Campground, and Wolverton, during the following times:
 - a. Summer season from late May to mid-September
 - i. Approximately 110 days of service from the Thursday before Memorial Day to the Sunday after Labor Day
 - b. Winter holidays, including:
 - i. Thanksgiving
 - a. Four days of service from Thanksgiving Day through the Sunday after Thanksgiving
 - ii. Christmas Day and New Year's Day
 - a. Nine, ten, eleven, or twelve days of service encompassing Christmas Day and New Year's Day
 - iii. Martin Luther King Jr. Day Weekend
 - a. Two days of service on the Saturday and Sunday preceding Martin Luther King Jr. Day

- iv. Presidents Day Weekend
 - a. Two days of service on the Saturday and Sunday preceding Presidents Day
 - c. Other dates as negotiated annually
- 4. Provide trained and courteous bus drivers and support staff in sufficient numbers necessary to maintain the shuttle operation, as detailed in the Schedule, Attachment B, within the Park. This will include mechanics, dispatchers, supervisors, and vehicle operators.
- 5. Provide equipment and supplies in support of shuttle operations. This will include maintenance facility tools and equipment, replacement parts, computer hardware and software, telephones, office equipment and furniture, and any other equipment and supplies necessary for this service.
- 6. Provide all appropriate communications equipment necessary to monitor the real-time service, ensure quality, and respond to on-vehicle situations and/or emergencies.
- 7. Provide a Personnel Organizational Chart, Personnel Handbook, Shuttle Fleet description with photos, Communications Equipment Specifications, a Safety Plan, and Quality Assurance Plan by May 1 each year.
- 8. Within 30 days after seasonal service ends, remove all shuttle-related items in the Maintenance Facility, including the maintenance bay, the office space, and the trailer pads, unless otherwise agreed to by mutual consent.
- 9. Participate, as appropriate, with the NPS in a wrap-up of the project following the completion of the shuttle service annually.

B. The NPS will:

- 1. Collaboratively undertake a project titled "Shuttle Service for the Giant Forest Area in Sequoia National Park" as described throughout this Agreement.
- 2. Provide an office within the Park to conduct administrative services for this shuttle system and one maintenance bay for the buses as well as provide a parking area for buses and shuttle operation employees.
- 3. Provide fuel and fueling infrastructure. This will include storage facilities for both gasoline and diesel adequate for the daily operational use of the shuttle buses and support vehicles.
- 4. Design and provide route structures and schedules within the Park. This will include bus stops and other waiting areas.
- 5. Make available for display or distribution on shuttle buses and at the bus stops promotional and passenger informational materials regarding the Park and its resources.
- 6. Present educational training to the City regarding the NPS values and preservation of park resources at least once annually.
- 7. Provide on-site project guidance and orientation and provide all interpretive materials for the City's use in city employee orientation.
- 8. Provide Park staff or similar who will manage parking, assist queuing visitors with using the shuttle, create and distribute educational materials, and offer interpretive opportunities for visitors at bus stops, waiting areas, and/or on shuttles or in visitor centers. At a minimum, during the summer operating season from May through September, the Accessible Sherman Tree Parking Lot (Lower Sherman) will be staffed daily from 10 am to 4 pm.

9. Provide a minimum of twelve trailer pads or similar, to be reserved by the park, for the City Sequoia shuttle drivers at the established current rate for use as remote camp during the summer operating season as driver safety and efficiency and driver proximity to service routes. At the City's request, the ATR will request additional pads and, if possible, the NPS will make them available to the City. These pads will be in the Clover Creek, Lodgepole, or Wuksachi areas and will include sewer hookups and electrical service (e.g., hookups, battery solar solutions, etc.)

V. RESPONSIBILITIES OF THE PARTIES

A. The Recipient agrees to:

1. The Recipient shall carry out the Statement of Work in accordance with the terms and conditions stated herein. The Recipient shall adhere to Federal, state, and local laws, regulations, and codes, as applicable.
2. The Recipient agrees to carry out all tasks listed under the Statement of Work.
3. Recipients that issue subawards/subgrants are responsible for ensuring subaward/subgrant compliance with the requirements of 2 CFR 200. The Recipient must provide a list of selected subawardees/subgrantees and associated budgets to the NPS for review prior to making subawards/subgrants.
4. Recipients must select qualified subcontractors and submit documentation to the NPS showing competitive selection or justification for single-source procurement in accordance with 2 CFR 200.318 – 200.327.

B. The NPS agrees to:

1. Monitor and provide Federal oversight of activities performed under this Agreement. Monitoring and oversight include review and approval of financial status and performance reports, payment requests, and tasks identified below. Additional monitoring activities may include site visits, conference calls, and other on-site or off-site monitoring activities. At the Recipient's request, NPS may also provide technical assistance to the Recipient in support of the objectives of this agreement.
2. Substantial involvement is defined as significant NPS participation prior to and during the performance of a financial assistance agreement. Substantial involvement is a required component of a cooperative agreement and task agreements written under a master cooperative agreement. The following tasks and activities constitute NPS substantial involvement in this agreement:
 - a. NPS will employ a program manager (ATR) to work with the City, on-site shuttle supervisor(s), and shuttle drivers to accomplish the work.
 - b. NPS will employ interpretive staff to assist shuttle bus riders at key locations, such as the General Sherman Tree Accessible Parking Lot (Lower Sherman).

C. The Recipient and NPS, jointly, agree to:

1. Develop and employ together, to the extent practicable, operating procedures and standards to ensure joint accomplishments within the Park. This may include but is not limited to visitor protection and public safety, fire management, administration, public information, interpretation and publications, resource management, signage, and general development of policy.
2. Seek to develop cooperation performance measurements that will ensure service and cost efficiencies.
3. Designate a Joint Liaison committee to work in conjunction for the purposes of discussing and coordinating matters along with resolving substantive issues. This Liaison committee will meet on a quarterly basis to discuss and report to Key Officials as listed in Article V.

VI. COST-SHARE REQUIREMENT

Non-Federal cost-share is not required for this Agreement.

VII. PRE-AWARD COSTS

The Recipient is not authorized to incur costs prior to the award of this Agreement. Costs incurred prior to the award of this agreement are not allowable.

VIII. AWARD AND PAYMENT

- A. NPS will provide funding to the Recipient in an amount not to exceed \$1,784,123 in accordance with the NPS approved budget. The approved budget detail is incorporated herein. Any award beyond the current fiscal year is subject to the availability of funds. Acceptance of a Federal financial assistance award from the Department of the Interior carries with it the responsibility to be aware of and comply with, the terms and conditions within this award document. Acceptance is defined as the start of work, drawing down funds, or accepting the award via electronic means.
- B. Recipient shall request payment as applicable in accordance with the following:
 1. **Method of Payment.** Payment will be made by advance and/or reimbursement through the Department of Treasury's Automated Standard Application for Payments (ASAP) system.
 2. **Requesting Advances.** Requests for advances must be submitted via the ASAP system. Requests may be submitted as frequently as required to meet the needs of the Financial Assistance (FA) Recipient to disburse funds for the Federal share of project costs. If feasible, each request should be timed so that payment is received on the same day that the funds are dispersed for direct project costs and/or the proportionate share of any

allowable indirect costs. If same-day transfers are not feasible, advance payments must be as close to actual disbursements as administratively feasible.

3. **Requesting Reimbursement.** Requests for reimbursements must be submitted via the ASAP system. Requests for reimbursement should coincide with normal billing patterns. Each request must be limited to the amount of disbursements made for the Federal share of direct project costs and the proportionate share of allowable indirect costs incurred during that billing period.
 4. **Adjusting Payment Requests for Available Cash.** Funds that are available from repayments to, and interest earned on, a revolving fund, program income, rebates, refunds, contract settlements, audit recoveries, credits, discounts, and interest earned on any of those funds must be disbursed before requesting additional cash payments.
 5. **Bank Accounts.** All payments are made through electronic funds transfer to the bank account identified in the ASAP system by the FA Recipient.
 6. **Supporting Documents and Agency Approval of Payments.** Additional supporting documentation and prior NPS approval of payments may be required when/if a FA Recipient is determined to be “high risk” or has performance issues. If prior Agency payment approval is in effect for an award, the ASAP system will notify the FA Recipient when they submit a request for payment. The Recipient must then notify the NPS Financial Assistance Awarding Officer that a payment request has been submitted. The NPS AO may request additional information from the Recipient to support the payment request prior to approving the release of funds, as deemed necessary. The FA Recipient is required to comply with these requests. Supporting documents may include invoices, copies of contracts, vendor quotes, and other expenditure explanations that justify the reimbursement requests.
- C. Any award beyond the current fiscal year is subject to availability of funds; funds may be provided in subsequent fiscal years if project work is satisfactory, and funding is available.
- D. Expenses charged against awards under the Agreement may not be incurred prior to the beginning of the Agreement and may be incurred only as necessary to carry out the approved objectives, scope of work and budget with prior approval from the NPS AO. The Recipient shall not incur costs or obligate funds for any purpose pertaining to the operation of the project, program, or activities beyond the expiration date stipulated in the award.
- E. Any non-Federal share, whether in cash or in-kind, is expected to be paid out at the same general rate as the Federal share. Exceptions to this requirement may be granted by the AO based on sufficient documentation demonstrating previously determined plans for or later commitment of cash or in-kind contributions. In any case, the Recipient must meet their cost share commitment over the life of the award.

IX. REPORTS AND/OR OUTPUTS/OUTCOMES

- A. Refer to the second page of the Notice of Award document for FFR frequency and due dates. Performance reports are also required at the same reporting frequency and due dates as the FFR. Reports must be submitted through the Grant Solutions “Manage Reports” functionality.
- B. A final Performance Report and a final FFR will be due 120 days after the end-date of the Term of Agreement. If the recipient does not submit the final report before the required due date, NPS is required to submit a finding of non-compliance to the Federal Awardee Performance and Integrity Information System (FAPIIS). Each report shall be submitted as described above.
- C. The Secretary of the Interior and the Comptroller General of the United States, or their duly authorized representatives, will have access, for the purpose of financial or programmatic review and examination, to any books, documents, papers, and records that are pertinent to the Agreement at all reasonable times during the period of retention in accordance with 2 CFR 200.334 *Retention Requirements for Records*.
- D. Description of Deliverables/Project Products:

Timely updates from the City to the Park is required to facilitate the management of all aspects of the shuttle service, including staffing levels and deployment of the traffic management team, and to inform the Park of evolving issues that may require work by staff in visitor protection and public safety, fire management, administration, public information, interpretation and publications, resource management, signage, and general development of policy. Interim reports shall include:

- Ridership statistics of both internal and external shuttles for the reporting period.
- Annual miles traveled by shuttles and the fuel efficiency by vehicle type (e.g., diesel, gas, hybrid).
- The Park will track and store diesel and gas utilization by shuttle vehicles with which to calculate emissions statistics.

Annual and data reporting should not be considered adequate for reporting issues arising that affect shuttle services during the operating season, such as problems with drivers or NPS staff, problems with safety or traffic flow in and around shuttle stops and at key intersections; and any problems that elicit significant visitor complaints to shuttle drivers or to city employees. Such issues will be reported as soon as they are known to the ATR.

X. AWARD SPECIFIC TERMS AND CONDITIONS

A. INSURANCE AND LIABILITY.

1. Insurance. The Recipient shall be required to (1) obtain liability insurance or (2) demonstrate present financial resources in an amount determined sufficient by the Government to cover claims brought by third parties for death, bodily injury, property

damage, or other loss resulting from one or more identified activities carried out in connection with this Agreement.

2. Insured. The Federal Government shall be named as an additional insured under the Recipient's insurance policy.
3. Indemnification. The Recipient hereby agrees to indemnify the Federal government and NPS from any act or omission of the Recipient, its officers, employees, or (members, participants, agents, representatives, agents as appropriate), (1) against third party claims for damages arising from one or more identified activities carried out in connection with this Agreement and (2) for damage or loss to government property resulting from such an activity. This obligation shall survive the termination of this Agreement.
 - a. To purchase public and employee liability insurance at its own expense from a responsible company or companies with a minimum limitation of one million dollars (\$1,000,000) per person for any one claim, and an aggregate limitation of three million dollars (\$3,000,000) for any number of claims arising from any one incident. The policies shall name the United States as an additional insured, shall specify that the insured shall have no right of subrogation against the United States for payments of any premiums or deductibles due thereunder, and shall specify that the insurance shall be assumed by, be for the account of, and be at the insured's sole risk. Prior to beginning the work authorized herein, the Recipient shall provide the NPS with confirmation of such insurance coverage.
 - b. To pay the United States the full value for all damage to the lands or other property of the United States caused by the Recipient, its officers, employees, or representatives.
 - c. To provide workers' compensation protection to the Recipient, its officers, employees, and representatives.
 - d. To cooperate with NPS in the investigation and defense of any claims that may be filed with NPS arising out of the activities of the Recipient, its agents, and employees.
 - e. In the event of damage to or destruction of the buildings and facilities assigned for the use of the Recipient in whole or in part by any cause whatsoever, nothing herein contained shall be deemed to require NPS to replace or repair the buildings or facilities. If NPS determines in writing, after consultation with the Recipient that damage to the buildings or portions thereof renders such buildings unsuitable for continued use by the Recipient, NPS shall assume sole control over such buildings or portions thereof. If the buildings or facilities rendered unsuitable for use are essential for conducting operations authorized under this Agreement, then failure to substitute and assign other facilities acceptable to the Recipient will constitute termination of this Agreement by NPS.
4. Flow-down: For the purposes of this clause, "Recipient" includes such sub-recipients, contractors, or subcontractors as, in the judgment of the Recipient and subject to the Government's determination of sufficiency, have sufficient resources and/or maintain adequate and appropriate insurance to achieve the purposes of this clause.

B. ATTACHMENTS.

Attachment A. Budget
Attachment B. Schedule

XI. STANDARD TERMS AND CONDITIONS

1. DEPARTMENT OF INTERIOR STANDARD TERMS AND CONDITIONS, 2 CFR 200, 2 CFR 1402

Recipients must comply with all applicable federal statutes, regulations, executive orders (EOs), Office of Management and Budget (OMB) circulars. Any inconsistency or conflict in Standard Terms and Conditions, Program-Specific Terms and Conditions, and any Special Award Conditions of this Award will be resolved according to the following order of precedence: federal laws, Executive Orders, federal regulations, applicable notices published in the Federal Register, OMB circulars, Treasury's Standard Terms and Conditions, Program-Specific Terms and Conditions, and any Special Award Conditions.

DOI terms and regulatory requirements located at:

- <https://www.doi.gov/grants/doi-standard-terms-and-conditions>
- eCFR :: 2 CFR Part 200 -- Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards
- [eCFR :: 2 CFR Part 1402 -- Financial Assistance Interior Regulation, Supplementing the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards](#)

2. APPROVED INDIRECT RATE

Indirect costs must be charged consistently in accordance with the approved project budget, which is incorporated into this award as an attachment. In the case of a Master Cooperative agreement, indirect costs will be incorporated at the Task Agreement level. If the recipient has a Federally approved indirect rate, it is the responsibility of the Recipient to work with their cognizant agency in a timely manner to avoid the expiration of the Federally negotiated rate. If the Recipient has never had a Federally approved negotiated indirect rate, they may utilize a 10% de minimus rate per 2 CFR 200.414.

3. RESERVED

4. KEY OFFICIALS

- A. Communications - The recipient shall address any communication regarding this Agreement to the ATR/Program Officer with a copy to the Awarding/Grants Management Officer. Communications that relate solely to technical matters may be sent only to the ATR/Program Officer.
- B. Changes in Key Officials - Recipient may not make any permanent change in a key official without written notice to the other party reasonably in advance of the proposed change. The notice will include a justification with sufficient detail to permit evaluation of the impact of such a change on the scope of work specified within this Agreement. Any permanent change in key officials will be made only by Agency Approval.

5. PRIOR APPROVAL

The Recipient shall obtain prior approval for budget and program revisions, in accordance with 2 CFR 200.308.

6. PROPERTY UTILIZATION

All tools, equipment, and facilities furnished by NPS will be on a loan basis. Tools, equipment, and facilities will be returned in the same condition received except for normal wear and tear in project use. Property management standards set forth in 2 CFR 200.310 through 200.316 apply to this Agreement. All provided items must be consistently tracked and accounted for by the recipient and NPS both when provided to the recipient and upon return.

7. MODIFICATION, REMEDIES FOR NONCOMPLIANCE, TERMINATION

- A. This Agreement may be modified at any time, prior to the expiration date, only by agreement executed by both parties. Modifications will be in writing and approved by the *Financial Assistance Awarding Officer* and the authorized representative of Recipient.
- B. Additional conditions may be imposed by NPS if it is determined that the Recipient is non-compliant to the terms and conditions of this agreement. Remedies for Noncompliance can be found in 2 CFR 200.339.
- C. This Agreement may be terminated consistent with applicable termination provisions for Agreements found in 2 CFR 200.340 through 200.343.

8. REPORTING OF MATTERS RELATED TO RECIPIENT INTEGRITY AND PERFORMANCE

A. General Reporting Requirement

- i. If the total value of your currently active grants, cooperative agreements, and procurement contracts from all Federal awarding agencies exceeds \$10,000,000 for any period of time during the period of performance of this Federal award, then you, as the recipient, during that period of time must maintain the currency of information reported to the System for Award Management (SAM) that is made available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)) about civil, criminal, or administrative proceedings described in paragraph 2 of this award term and condition. This is a statutory requirement under section 872 of Public Law 110-417, as amended (41 U.S.C. 2313). As required by section 3010 of Public Law 111-212, all information posted in the designated integrity and performance system on or after April 15, 2011, except past performance reviews required for Federal procurement contracts, will be publicly available.

B. Proceedings You Must Report

- i. Submit the information required about each proceeding that:
- ii. Is in connection with the award or performance of a grant, cooperative agreement, or procurement contract from the Federal Government.
- iii. Reached its final disposition during the most recent five-year period; and
- iv. Is one of the following:
 - a) A criminal proceeding that resulted in a conviction, as defined in paragraph 5 of this award term and condition; or
 - b) A civil proceeding that resulted in a finding of fault and liability and payment of a monetary fine, penalty, reimbursement, restitution, or damages of \$5,000 or more; or
 - c) An administrative proceeding, as defined in paragraph 5 of this award term and condition, that resulted in a finding of fault and liability and payment of either a monetary fine or penalty of \$5,000 or more; or reimbursement, restitution, or damages more than \$100,000; or
 - d) Any other criminal, civil, or administrative proceeding if:
 - 1. It could have led to an outcome described the award terms and conditions.
 - 2. It had a different disposition arrived at by consent or compromise with an acknowledgment of fault on your part; and
 - 3. The requirement in this award term and condition to disclose information about the proceeding does not conflict with applicable laws and regulations.

C. Reporting Procedures

Enter in the SAM Entity Management area the information that SAM requires about each proceeding described in the award terms and conditions. You do not need to submit the information a second time under assistance awards that you received if you already provided the information through SAM because you were required to do so under Federal procurement contracts that you were awarded.

D. Reporting Frequency

During any period when you are subject to the requirement in paragraph 1 of this award term and condition, you must report proceedings information through SAM for the most recent five-year period, either to report new information about any proceeding(s) that you have not reported previously or affirm that there is no new information to report. Recipients that have Federal contract, grant, and cooperative agreement awards with a cumulative total value greater than \$10,000,000 must disclose semiannually any information about the criminal, civil, and administrative proceedings.

E. Definitions

- i. For purposes of this award term and condition:
 - a) Administrative proceeding means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (e.g., Securities and Exchange Commission Administrative proceedings, Civilian Board of Contract Appeals proceedings, and Armed Services Board of Contract Appeals proceedings). This includes proceedings at the Federal and State level but only in

connection with performance of a Federal contract or grant. It does not include audits, site visits, corrective plans, or inspection of deliverables.

- b) Conviction means a judgment or conviction of a criminal offense by any court of competent jurisdiction, whether entered upon a verdict or a plea, and includes a conviction entered upon a plea of nolo contendere.
- c) Total value of currently active grants, cooperative agreements, and procurement contracts includes—
 - 1. Only the Federal share of the funding under any Federal award with a recipient cost share or match; and
 - 2. The value of all expected funding increments under a Federal award and options, even if not yet exercised.

9. FUNDING USED FOR THE PURCHASE AND OPERATION OF UNMANNED AIRCRAFT SYSTEMS (UAS)

If Federal funding is provided to a State, local, tribal, or territorial government for the purchase or use of UAS for their operations, the recipient must have in place policies and procedures to safeguard individuals' privacy, civil rights, and civil liberties prior to expending such funds.

Per the policy memorandum issued by National Park Service Director, dated June 19, 2014, the launching, landing, and operating of unmanned aircraft, that is not under the control of the Federal government, on lands and waters administered by the National Park Service is prohibited unless approval is received from the Associate Director for such purposes as:

Scientific study, search and rescue operations, fire operations, and law enforcement.

Administrative use includes the use of unmanned aircraft by:

- (i) NPS personnel as operators or crew;
- (ii) cooperators such as government agencies and universities that conduct unmanned aircraft operations for the NPS pursuant to a written agreement; and
- (iii) other entities, including commercial entities, conducting unmanned aircraft operations for the NPS, provided such entities are in compliance with all applicable FAA and Department of the Interior requirements.

10. PATENTS AND INVENTIONS (37 CFR 401)

Recipients of agreements which support experimental, developmental, or research work shall be subject to applicable regulations governing patents and inventions, including the government-wide regulations issued by the Department of Commerce at 37 CFR 401, Rights to Inventions Made by Non-profit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements. These regulations do not apply to any agreement made primarily for educational purposes.

In accordance with 37 CFR 401.3(a), the provision at 37 CFR 401.14(a), with authorized modifications for the National Park Service, is hereby included in this agreement:

(a) Definitions

(1) *Invention* means any invention or discovery which is or may be patentable or otherwise protectable under Title 35 of the United States Code, or any novel variety of plant which is or may be protected under the Plant Variety Protection Act (7 U.S.C. 2321 et seq.).

(2) *Subject invention* means any invention of the recipient conceived or first actually reduced to practice in the performance of work under this agreement, provided that in the case of a variety of plant, the date of determination (as defined in section 41(d) of the Plant Variety Protection Act, 7 U.S.C. 2401(d)) must also occur during the period of agreement performance.

(3) *Practical Application* means to manufacture in the case of a composition or product, to practice in the case of a process or method, or to operate in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or government regulations, available to the public on reasonable terms.

(4) *Made* when used in relation to any invention means the conception or first actual reduction to practice of such invention.

(5) *Small Business Firm* means a small business concern as defined at section 2 of Public Law. 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of this provision, the size standards for small business concerns involved in government procurement and subcontracting at 13 CFR 121.3-8 and 13 CFR 121.3-12, respectively, will be used.

(6) *Nonprofit Organization* means a university or other institution of higher education, or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c) and exempt from taxation under section 501(a) of the Internal Revenue Code (25 U.S.C. 501(a)) or any nonprofit scientific or educational organization qualified under a state nonprofit organization statute.

(b) Allocation of Principal Rights.

The Recipient may retain the entire right, title, and interest throughout the world to each subject invention subject to this provision and 35 U.S.C. 203. With respect to any subject invention in which the Recipient retains title, the Federal government shall have a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world.

(c) Invention Disclosure, Election of Title and Filing of Patent Application by Recipient

- (1) The Recipient will disclose each subject invention to the National Park Service within two months after the inventor discloses it in writing to Recipient personnel responsible for patent matters. The disclosure to the National Park Service shall be in the form of a written report and shall identify the agreement under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding to the extent known at the time of the disclosure, of the nature, purpose, operation, and the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to the National Park Service, the Recipient will promptly notify the National Park Service of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the Recipient.
- (2) The Recipient will elect in writing whether or not to retain title to any such invention by notifying the National Park Service within two years of disclosure to the National Park Service. However, in any case where publication, on sale or public use has initiated the one-year statutory period wherein valid patent protection can still be obtained in the United States, the period for election of title may be shortened by the National Park Service to a date that is no more than 60 days prior to the end of the statutory period.
- (3) The Recipient will file its initial patent application on a subject invention to which it elects to retain title within one year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use. The Recipient will file patent applications in additional countries or international patent offices within either ten months of the corresponding initial patent application or six months from the date permission is granted by the Commissioner of Patents and Trademarks to file foreign patent applications where such filing has been prohibited by a Secrecy Order.
- (4) Requests for extension of the time for disclosure, election, and filing under subparagraphs (1), (2), and (3) may, at the discretion of the National Park Service, be granted.
- (d) Conditions When the Government May Obtain Title.

The Recipient will convey to the National Park Service, upon written request, title to any subject inventions

- (1) If the Recipient fails to disclose or elect title to the subject invention within the times specified in (c), above, or elects not to retain title; provided that the National Park Service may only request title within 60 days after learning of the failure of the Recipient to disclose or elect within the specified times.

- (2) In those countries in which the Recipient fails to file patent applications within the times specified in (c) above; provided, however, that if the Recipient has filed a patent application in a country after the times specified in (c) above, but prior to its receipt of the written request of the National Park Service, the Recipient shall continue to retain title in that country.
- (3) In any country in which the Recipient decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in reexamination or opposition proceeding on, a patent on a subject invention.
- (e) Minimum Rights to Recipient and Protection of the Recipient Right to File
- (1) The Recipient will retain a nonexclusive royalty-free license throughout the world in each subject invention to which the Government obtains title, except if the Recipient fails to disclose the invention within the times specified in (c), above. The Recipient's license extends to its domestic subsidiary and affiliates, if any, within the corporate structure of which the Recipient is a party and includes the right to grant sublicenses of the same scope to the extent the Recipient was legally obligated to do so at the time the agreement was awarded. The license is transferable only with the approval of the National Park Service except when transferred to the successor of that party of the Recipient's business to which the invention pertains.
- (2) The Recipient's domestic license may be revoked or modified by the National Park Service to the extent necessary to achieve expeditious practical application of the subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions at 37 CFR part 404 and the National Park Service licensing regulations (if any). This license will not be revoked in that field of use or the geographical areas in which the Recipient has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of the National Park Service to the extent the Recipient, its licensees, or the domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.
- (3) Before revocation or modification of the license, the National Park Service will furnish the Recipient a written notice of its intention to revoke or modify the license, and the Recipient will be allowed thirty days (or such other time as may be authorized by the National Park Service for good cause shown by the Recipient) after the notice to show cause why the license should not be revoked or modified. The Recipient has the right to appeal, in accordance with applicable regulations in 37 CFR part 404 and National Park Service regulations (if any) concerning the licensing of Government-owned inventions, any decision concerning the revocation or modification of the license.
- (f) Recipient Action to Protect the Government's Interest

- (1) The Recipient agrees to execute or to have executed and promptly deliver to the National Park Service all instruments necessary to
- (i) establish or confirm the rights the Government has throughout the world in those subject inventions to which the Recipient elects to retain title, and
 - (ii) convey title to the National Park Service when requested under paragraph (d) above and to enable the government to obtain patent protection throughout the world in that subject invention.
- (2) The Recipient agrees to require, by written agreement, its employees, other than clerical and non-technical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the Recipient each subject invention made under agreement in order that the Recipient can comply with the disclosure provisions of paragraph (c), above, and to execute all papers necessary to file patent applications on subject inventions and to establish the government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by (c)(1), above. The Recipient shall instruct such employees through employee agreements or other suitable educational programs on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.
- (3) The Recipient will notify the National Park Service of any decisions not to continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than thirty days before the expiration of the response period required by the relevant patent office.
- (4) The Recipient agrees to include, within the specification of any United States patent applications and any patent issuing thereon covering a subject invention, the following statement, "This invention was made with government support under (identify the agreement) awarded by (identify the Federal agency). The government has certain rights in the invention."
- (g) Subcontracts. The Recipient will include this provision, suitably modified to identify the parties, in all sub-agreements or subcontracts, regardless of tier, for experimental, developmental or research work. The sub-recipient or subcontractor will retain all rights provided for the Recipient in this provision, and the Recipient will not, as part of the consideration for awarding the sub-agreement or subcontract, obtain rights in the sub-recipient's or subcontractor's subject inventions.
- (h) Reporting on Utilization of Subject Inventions. The Recipient agrees to submit on request periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the Recipient or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the Recipient, and such other data and information as the National Park Service may reasonably specify.

The Recipient also agrees to provide additional reports as may be requested by the National Park Service in connection with any march-in proceeding undertaken by the National Park Service in accordance with paragraph (j) of this provision. As required by 35 U.S.C. 202(c)(5), the National Park Service agrees it will not disclose such information to persons outside the government without permission of the Recipient.

(i) Preference for United States Industry. Notwithstanding any other part of this provision, the Recipient agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject inventions in the United States unless such person agrees that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for such an agreement may be waived by the National Park Service upon a showing by the Recipient or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

(j) March-in Rights. The Recipient agrees that with respect to any subject invention in which it has acquired title, the National Park Service has the right in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of the National Park Service to require the Recipient, an assignee or exclusive licensee of a subject invention to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and if the Recipient, assignee, or exclusive licensee refuses such a request the National Park Service has the right to grant such a license itself if the National Park Service determines that:

(1) Such action is necessary because the Recipient or assignee has not taken or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use.

(2) Such action is necessary to alleviate health or safety needs, which are not reasonably satisfied by the Recipient, assignee, or their licensees.

(3) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the Recipient, assignee, or licensees; or

(4) Such action is necessary because the agreement required by paragraph (i) of this provision has not been obtained or waived or because a licensee of the exclusive right to use or sell any subject invention in the United States is in breach of such agreement.

(k) Special Provisions for Agreements with Nonprofit Organizations.

If the Recipient is a nonprofit organization, it agrees that:

- (1) Rights to a subject invention in the United States may not be assigned without the approval of the National Park Service, except where such assignment is made to an organization which has as one of its primary functions the management of inventions, provided that such assignee will be subject to the same provisions as the Recipient;
- (2) The Recipient will share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (when the National Park Service deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10;
- (3) The balance of any royalties or income earned by the Recipient with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions, will be utilized for the support of scientific research or education; and
- (4) It will make efforts that are reasonable under the circumstances to attract licensees of subject invention that are small business firms and that it will give a preference to a small business firm when licensing a subject invention if the Recipient determines that the small business firm has a plan or proposal for marketing the invention which, if executed, is equally as likely to bring the invention to practical application as any plans or proposals from applicants that are not small business firms; provided, that the Recipient is also satisfied that the small business firm has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be at the discretion of the Recipient. However, the Recipient agrees that the National Park Service may review the Recipient's licensing program and decisions regarding small business applicants, and the Recipient will negotiate changes to its licensing policies, procedures, or practices with the National Park Service when this review discloses that the Recipient could take reasonable steps to implement more effectively the requirements of this paragraph (k)(4).
- (l) Communication. Communications regarding matters relating to this provision shall be directed to the Deputy Associate Solicitor, Branch of Procurements and Patents, Office of the Solicitor, U.S. Department of the Interior, 1849 C Street NW, Washington, D.C. 20240.
11. ENSURING THE FUTURE IS MADE IN ALL OF AMERICA BY ALL OF AMERICA'S WORKERS PER [E.O. 14005](#) (dated January 25, 2021)
- Per Executive Order 14005, entitled "Ensuring the Future Is Made in All of America by All of America's Workers" the Recipient shall maximize the use of goods, products, and materials produced in, and services offered in, the United States, and whenever possible, procure goods, products, materials, and services from sources that will help American businesses compete in strategic industries and help America's workers thrive.
12. SECTION 508 OF THE REHABILITATION ACT OF 1973 (29 U.S.C. §794 (d))

While the requirements of Section 508 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794d), do not apply to financial assistance agreements, the NPS is subject to the Act's requirements that all documents posted on an NPS, or NPS-hosted website comply with the accessibility standards of the Act. Accordingly, final deliverable reports prepared under this agreement and submitted in electronic format must be submitted in a format whereby NPS can easily meet the requirements of Section 508 of the Rehabilitation Act of 1973, as amended. *NOTE: Progress Reports and financial reports are not considered final deliverables and therefore the following requirements do not apply.*

All electronic documents prepared under this Agreement must meet the requirements of Section 508 of the Rehabilitation Act of 1973, as amended. The Act requires that all electronic products prepared for the Federal Government be accessible to persons with disabilities, including those with vision, hearing, cognitive, and mobility impairments. View [Section 508 of the Rehabilitation Act, Standards and Guidelines](#) for detailed information.

The following summarizes some of the requirements for preparing NPS reports in conformance with Section 508 for eventual posting by NPS to an NPS-sponsored website. For specific detailed guidance and checklists for creating accessible digital content, please go to [Section 508.gov, Create Accessible Digital Products](#). All accessible digital content must conform to the requirements and techniques of the [Web Content Accessibility Guidelines \(WCAG\) 2.0 or later, Level AA Success Criteria](#).

a. Electronic documents with images

Provide a text equivalent for every non-text element (including photographs, charts, and equations) in all publications prepared in electronic format. Use descriptions such as "alt" and "longdesc" for all non-text images or place them in element content. For all documents prepared, vendors must prepare one standard HTML format as described in this statement of work AND one text format that includes descriptions for all non-text images. "Text equivalent" means text sufficient to reasonably describe the image. Images that are merely decorative require only a very brief "text equivalent" description. However, images that convey information that is important to the content of the report require text sufficient to reasonably describe that image and its purpose within the context of the report.

b. Electronic documents with complex charts or data tables

When preparing tables that are heavily designed, prepare adequate alternate information so that assistive technologies can read them out. Identify row and column headers for data tables. Provide the information in a non-linear form. Markups will be used to associate data cells and header cells for data tables that have two or more logical levels of row and column headers.

c. Electronic documents with forms

When electronic forms are designed to be completed on-line, the form will allow people using assistive technology to access the information, field elements, and

functionality required for completion and submission of the form, including all directions and cues.

13. LOBBYING PROHIBITION

18 U.S.C. §1913, Lobbying with Appropriated Moneys, as amended by Public Law 107–273, Nov. 2, 2002 Violations of this section shall constitute violations of section 1352(a) of title 31. In addition, the related restrictions on the use of appropriated funds found in Div. F, § 402 of the Omnibus Appropriations Act of 2008 (P.L. 110–161) also apply.

14. ANTI-DEFICIENCY ACT

Pursuant to 31 U.S.C. §1341 nothing contained in this Agreement shall be construed as binding the NPS to expend in any one fiscal year any sum in excess of appropriations made by Congress, for the purposes of this Agreement for that fiscal year, or other obligation for the further expenditure of money in excess of such appropriations.

15. ASSIGNMENT

No part of this Agreement shall be assigned to any other party without prior written approval of the NPS and the Assignee.

16. MEMBER OF CONGRESS

Pursuant to 41 U.S.C. § 22, no Member of Congress shall be admitted to any share or part of any contract or agreement made, entered into, or adopted by or on behalf of the United States, or to any benefit to arise thereupon.

17. AGENCY

The Recipient is not an agent or representative of the United States, the Department of the Interior, NPS, or the Park, nor will the Recipient represent itself as such to third parties. NPS employees are not agents of the Recipient and will not act on behalf of the Recipient.

18. NON-EXCLUSIVE AGREEMENT

This Agreement in no way restricts the Recipient or NPS from entering into similar agreements, or participating in similar activities or arrangements, with other public or private agencies, organizations, or individuals.

19. PARTIAL INVALIDITY

If any provision of this Agreement or the application thereof to any party or circumstance shall, to any extent, be held invalid or unenforceable, the remainder of this Agreement or the application of such provision to the parties or circumstances other than those to which it is

held invalid or unenforceable, shall not be affected thereby and each provision of this Agreement shall be valid and be enforced to the fullest extent permitted by law.

20. NO EMPLOYMENT RELATIONSHIP

This Agreement is not intended to and shall not be construed to create an employment relationship between NPS and Recipient or its representatives. No representative of Recipient shall perform any function or make any decision properly reserved by law or policy to the Federal government.

21. NO THIRD-PARTY RIGHTS

This Agreement creates enforceable obligations between only NPS and Recipient. Except as expressly provided herein, it is not intended, nor shall it be construed to create any right of enforcement by or any duties or obligation in favor of persons or entities not a party to this Agreement.

22. PROGRAM INCOME

If the Recipient earns program income, as defined in 2 CFR §200.1, during the period of performance of this agreement, to the extent available the Recipient must disburse funds available from program income, and interest earned on such funds, before requesting additional cash payments (2 CFR §200.305 (5)). As allowed under 2 CFR §200.307, program income may be added to the Federal award by the Federal agency and the non-Federal entity. The program income must be used for the purposes, and under the conditions of, the Federal award. Disposition of program income remaining after the end of the period of performance shall be negotiated as part of the agreement closeout process.

23. RIGHTS IN DATA

The Recipient must grant the United States of America a royalty-free, non-exclusive and irrevocable license to publish, reproduce and use, and dispose of in any manner and for any purpose without limitation, and to authorize or ratify publication, reproduction or use by others, of all copyrightable material first produced or composed under this Agreement by the Recipient, its employees or any individual or concern specifically employed or assigned to originate and prepare such material.

24. CONFLICT OF INTEREST

(a) Applicability.

1. This section intends to ensure that non-Federal entities and their employees take appropriate steps to avoid conflicts of interest in their responsibilities under or with respect to Federal financial assistance agreements.

2. In the procurement of supplies, equipment, construction, and services by recipients and by subrecipients, the conflict-of-interest provisions in 2 CFR 200.318 apply.

(b) Requirements.

1. Non-Federal entities must avoid prohibited conflicts of interest, including any significant financial interests that could cause a reasonable person to question the recipient's ability to provide impartial, technically sound, and objective performance under or with respect to a Federal financial assistance agreement.
2. In addition to any other prohibitions that may apply with respect to conflicts of interest, no key official of an actual or proposed recipient or subrecipient, who is substantially involved in the proposal or project, may have been a former Federal employee who, within the last one (1) year, participated personally and substantially in the evaluation, award, or administration of an award with respect to that recipient or subrecipient or in development of the requirement leading to the funding announcement.
3. No actual or prospective recipient or subrecipient may solicit, obtain, or use non-public information regarding the evaluation, award, or administration of an award to that recipient or subrecipient or the development of a Federal financial assistance opportunity that may be of competitive interest to that recipient or subrecipient.

(c) Notification.

1. Non-Federal entities, including applicants for financial assistance awards, must disclose in writing any conflict of interest to the DOI awarding agency or pass-through entity in accordance with 2 CFR 200.112, Conflicts of interest.

(d) Recipients must establish internal controls that include, at a minimum, procedures to identify, disclose, and mitigate or eliminate identified conflicts of interest. The recipient is responsible for notifying the Financial Assistance Officer in writing of any conflicts of interest that may arise during the life of the award, including those that have been reported by subrecipients. Restrictions on Lobbying. Non-Federal entities are strictly prohibited from using funds under this grant or cooperative agreement for lobbying activities and must provide the required certifications and disclosures pursuant to 43 CFR Part 18 and 31 USC 1352.

(e) Review Procedures. The Financial Assistance Officer will examine each conflict-of-interest disclosure on the basis of its particular facts and the nature of the proposed grant

or cooperative agreement and will determine whether a significant potential conflict exists and, if it does, develop an appropriate means for resolving it.

- (f) Enforcement. Failure to resolve conflicts of interest in a manner that satisfies the Government may be cause for termination of the award. Failure to make required disclosures may result in any of the remedies described in 2 CFR 200.338, Remedies for Noncompliance, including suspension or debarment (see also 2 CFR Part 180).

25. BUILD AMERICA, BUY AMERICA

(a) Standard Buy America Preference Award Term

The following terms apply for financial assistance agreements for infrastructure that currently or are anticipated to exceed the Simplified Acquisition Threshold (SAT), currently \$250,000.00. This threshold applies for the duration of the award and obligations made for infrastructure projects when additional funds are obligated through modification or renewal.

Required Use of American Iron, Steel, Manufactured Products, and Construction Materials

As required by Section 70914 of the Bipartisan Infrastructure Law (also known as the Infrastructure Investment and Jobs Act), P.L. 117-58, on or after May 14, 2022, none of the funds under a federal award that are part of Federal financial assistance program for infrastructure may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States, unless subject to an approved waiver. The requirements of this section must be included in all subawards, including all contracts and purchase orders for work or products under this program.

Recipients of an award of Federal financial assistance are hereby notified that none of the funds provided under this award may be used for a project for infrastructure unless:

1. All iron and steel used in the project are produced in the United States—this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;
2. All manufactured products used in the project are produced in the United States -this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and,

3. All construction materials are manufactured in the United States—this means that all manufacturing processes for the construction material occurred in the United States.

The Buy America preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project but are not an integral part of the structure or permanently affixed to the infrastructure project.

For further information on the Buy America preference, please visit [“Buy America” Domestic Sourcing Guidance and Waiver Process for DOI Financial Assistance Agreements | U.S. Department of the Interior](#). Additional information can also be found at the White House Made in America Office website: [Made In America | OMB | The White House](#).

Waivers

When necessary, recipients may apply for, and the Department of the Interior (DOI) may grant, a waiver from these requirements, subject to review by the Made in America Office. The DOI may waive the application of the domestic content procurement preference in any case in which it is determined that one of the below circumstances applies:

1. Non-availability Waiver: the types of iron, steel, manufactured products, or construction materials are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality;
2. Unreasonable Cost Waiver: the inclusion of iron, steel, manufactured products, or construction materials produced in the United States will increase the cost of the overall project by more than 25 percent; or
3. Public Interest Waiver: applying the domestic content procurement reference would be inconsistent with the public interest.

There may be instances where an award qualifies, in whole or in part, for an existing DOI general applicability waiver as described at: [Approved DOI General Applicability Waivers | U.S. Department of the Interior](#).

If the specific financial assistance agreement, infrastructure project, or non-domestic materials meets the criteria of an existing general applicability waiver within the limitations defined within the waiver, the recipient is not required to request a separate waiver for non-domestic materials.

If a general applicability waiver does not already apply, and a recipient believes that one of the above circumstances applies to an award, a request to waive the application of the

domestic content procurement preference may be submitted to the Financial Assistance Awarding Officer in writing. Waiver requests shall include the below information. The waiver shall not include any Privacy Act information, sensitive data, or proprietary information within their waiver request. Waiver requests will be posted to [“Buy America” Domestic Sourcing Guidance and Waiver Process for DOI Financial Assistance Agreements | U.S. Department of the Interior](#) and are subject to public comment periods of no less than 15 days. Waiver requests will also be reviewed by the Made in America Office.

1. Type of waiver requested (non-availability, unreasonable cost, or public interest).
2. Requesting entity and Unique Entity Identifier (UEI) submitting the request.
3. Department of Interior Bureau or Office who issued the award.
4. Federal financial assistance listing name and number (reference block 2 on DOI Notice of Award)
5. Financial assistance title of project (reference block 8 on DOI Notice of Award).
6. Federal Award Identification Number (FAIN).
7. Federal funding amount (reference block 11.m. on DO Notice of Award).
8. Total cost of Infrastructure expenditures (includes federal and non-federal funds to the extent known).
9. Infrastructure project description(s) and location(s) (to the extent known).
10. List of iron or steel item(s), manufactured goods, and construction material(s) the recipient seeks to waive from Buy America requirements. Include the name, cost, countries of origin (if known), and relevant PSC or NAICS code for each.
11. A certification that the recipient made a good faith effort to solicit bids for domestic products supported by terms included in requests for proposals, contracts, and nonproprietary communications with the prime contractor.
12. A statement of waiver justification, including a description of efforts made (e.g., market research, industry outreach) by the recipient, in an attempt to avoid the need for a waiver. Such a justification may cite, if applicable, the absence of any Buy America-compliant bids received in response to a solicitation.

13. Anticipated impact if no waiver is issued. Approved waivers will be posted at [Approved DOI General Applicability Waivers | U.S. Department of the Interior](#); recipients requesting a waiver will be notified of their waiver request determination by an *Financial Assistance Awarding Officer*.

Questions pertaining to waivers should be directed to the *Financial Assistance Awarding Officer*.

Definitions

“Construction materials” includes an article, material, or supply that is or consists primarily of:

- non-ferrous metals;
- plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- glass (including optic glass);
- lumber; or
- drywall.

“Construction Materials” does not include cement and cementitious materials, aggregates such as stone, sand, or gravel, or aggregate binding agents or additives.

“Domestic content procurement preference” means all iron and steel used in the project are produced in the United States; the manufactured products used in the project are produced in the United States; or the construction materials used in the project are produced in the United States.

“Infrastructure” includes, at a minimum, the structures, facilities, and equipment for, in the United States, roads, highways, and bridges; public transportation; dams, ports, harbors, and other maritime facilities; intercity passenger and freight railroads; freight and intermodal facilities; airports; water systems, including drinking water and wastewater systems; electrical transmission facilities and systems; utilities; broadband infrastructure; and buildings and real property. Infrastructure includes facilities that generate, transport, and distribute energy.

“Project” means the construction, alteration, maintenance, or repair of infrastructure in the United States.

(b) Buy America Preference Alternate Small Award Term

The followings terms apply for financial assistance agreements for infrastructure that do not currently and are not anticipated to exceed the Simplified Acquisition Threshold (SAT), currently \$250,000.00.

Required Use of American Iron, Steel, Manufactured Products, and Construction Materials

As required by Section 70914 of the Bipartisan Infrastructure Law (also known as the Infrastructure Investment and Jobs Act), P.L. 117-58, on or after May 14, 2022, none of the funds under a federal award that are part of Federal financial assistance program for infrastructure may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States, unless subject to an approved waiver. The requirements of this section must be included in all subawards, including all contracts and purchase orders for work or products under this program.

This award currently qualifies for the existing DOI general applicability small grant waiver as described at: www.doi.gov/grants/BuyAmerica/Generalapplicabilitywaivers on the basis that the total award amount does not exceed the Simplified Acquisition Threshold (SAT), currently \$250,000.00. While this waiver permits the use of non-domestic materials for DOI financial assistance awards that do not exceed the SAT, recipients shall still maximize the use of domestic materials to the maximum extent possible. In the event the total award amount is increased to an amount above the SAT, recipients under this award are hereby notified that none of the funds provided under this award may be used for a project for infrastructure unless:

1. All iron and steel used in the project are produced in the United States--this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;
2. All manufactured products used in the project are produced in the United States—this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and
3. All construction materials are manufactured in the United States—this means that all manufacturing processes for the construction material occurred in the United States.

The Buy America preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project, but are not an integral part of the structure or permanently affixed to the infrastructure project.

For further information on the Buy America preference, please visit www.doi.gov/grants/BuyAmerica. Additional information can also be found at the White

House Made in America Office website: www.whitehouse.gov/omb/management/made-in-america/.

In the event the total amount of this award increases to an amount that exceeds the SAT, recipients shall notify their financial assistance awarding officer of any non-domestic iron, steel, manufactured products, or construction materials already incorporated into the project as early as possible. Recipients may then apply for a DOI waiver, subject to review and approval by DOI and the Made in America Office, for non-compliant materials if it is determined that one of the below circumstances applies:

1. Non-availability Waiver: the types of iron, steel, manufactured products, or construction materials used are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality;
2. Unreasonable Cost Waiver: the inclusion of iron, steel, manufactured products, or construction materials produced in the United States will increase the cost of the overall project by more than 25 percent; or
3. Public Interest Waiver: applying the domestic content procurement preference would be inconsistent with the public interest.

Instructions for requesting a waiver can be found on www.doi.gov/grants/buyamerica. Recipients requesting a waiver will be notified of their waiver request determination by an awarding officer. Questions pertaining to waivers should be directed to the financial assistance awarding officer.

Recipients shall consult [OMB Memorandum M-22-11, Initial Implementation Guidance on Application of Buy America Preference in Federal Financial Assistance Programs for Infrastructure](#), for additional information, inclusive of definitions for Construction Materials, Domestic Content Procurement Preference, and Infrastructure.

The DOI Small Grant General Applicability waiver expires on February 20, 2028. For awards that extend beyond the expiration date of the waiver, recipients shall ensure all iron, steel, manufactured products, and construction materials used in the project are produced in the United States, unless an approved waiver is obtained.

26. GEOSPATIAL DATA

Geospatial Data Act of 2018, Pub. L. 115-254, Subtitle F – Geospatial Data, §§ 751-759C, codified at 43 U.S.C. §§ 2801–2811 - Federal recipient collection of geospatial data through the use of the Department of the Interior financial assistance funds requires a due diligence search at the GeoPlatform.gov list of datasets to discover whether the needed geospatial-related data, products, or services already exist. If the required data set already exists, the recipient must use it. If the required data is not already available, the recipient must produce the proposed geospatial data, products, or services in compliance with applicable proposed

guidance and standards established by the Federal Geospatial Data Committee (FGDC) posted at www.fgdc.gov.

Recipients must submit a digital copy of all GIS data produced or collected as part of the award funds to the bureau or office via email or data transfer. All GIS data files shall be in open format. All delineated GIS data (points, lines, or polygons) should be established in compliance with the approved open data standards with complete feature level metadata.

27. SIGNATURES

Recipients are NOT required to sign the Notice of Financial Assistance Award letter or any other award document. As per DOI standard award terms and conditions, the recipient's acceptance of a financial assistance award is defined as the start of work, drawing down funds, or accepting the award via electronic means.

Sequoia Shuttle NPS Proposed Budget Summary

2023 Season

\$ 78.57 Summer Season (\$/hr)

\$ 87.63 Winter Season (\$/hr)

Route/Description	Service Days	Days of Service	# of Buses	Revenue Hours per Day	Cost per Bus per Day	Total Cost Per Day	Operating Cost
1 - Giant Forest	Non-Peak Daily	41	4	41.75	\$ 820	\$ 3,280	\$ 134,489
	Peak Weekdays	45	3	41.75	\$ 1,093	\$ 3,280	\$ 147,610
	Peak Weekends	23	5	52.50	\$ 825	\$ 4,125	\$ 94,871
2 - Moro Rock	Non-Peak Daily	41	4	32.00	\$ 629	\$ 2,514	\$ 103,081
	Peak Weekdays	45	2	32.00	\$ 1,257	\$ 2,514	\$ 113,138
	Peak Weekends	23	4	42.00	\$ 825	\$ 3,300	\$ 75,897
3 - Wukasachi	Non-Peak Weekdays	28	1	11.00	\$ 864	\$ 864	\$ 24,199
	Non-Peak Weekends	13	1	10.00	\$ 786	\$ 786	\$ 10,214
	Peak Daily	68	1	34.50	\$ 2,711	\$ 2,711	\$ 184,320
	Dark Sky Festival	1	2	6.00	\$ 236	\$ 471	\$ 471
4 - Wolverton	All Season Daily	109	2	21.25	\$ 835	\$ 1,670	\$ 181,983
Summer Season Subtotal		109		324.75	\$ 10,880	\$ 25,515	\$ 1,070,273
Travel Hours	Every Day	109	1	16.00	\$ 1,257	\$ 1,257	\$ 137,023
Training	N/A	3	N/A	375.00	N/A	\$ 29,463	\$ 88,389
Additional Season Service*	Weekends/Holidays	10	3	38.00	\$ 995	\$ 2,986	\$ 29,856
Winter Shuttle (Thanksgiving & Christmas)	Every Day	14	7	47.25	\$ 592	\$ 4,141	\$ 57,970
Winter Shuttle (Jan. & Feb. Holiday Weekends)	Every Day	4	5	34.63	\$ 607	\$ 3,034	\$ 12,137

Subtotal \$ 1,395,647

* The inflationary rate for this agreement will not exceed 2.5% or the Consumer Price Index for All Urban Consumers (CPI-U) in a single year as negotiated in subsequent years.

Capital Lease	\$ 289,251
Trailer Expense (Trailer Lease & Maintenance)	\$ 50,065
Trailer Pad Rental (CPI N/A)	\$ 24,293
Bus Wash	\$ 13,183
Overhead (Summer Service)	\$ 1,670
Overhead (Winter Service)	\$ 10,014
Subtotal	\$ 388,476

Total Proposed 2023 Budget \$ 1,784,123

Sequoia Shuttle Route 1 Schedule 2023

May 25 - June 27 (Daily), June 28 - Sept. 1 (Weekdays), & Sept. 5 - Sept. 10 (Daily)							
Lodgepole to Giant Forest Museum: Departure							
Vehicle	Lodgepole Campground	Lodgepole Visitor Center	Lower Sherman Tree Accessible Trail	Arrival: Giant Forest Museum	Giant Forest Museum	Lower Sherman Tree Accessible Trail	Arrival: Lodgepole Campgrounds
1	8:00 AM	8:06 AM	8:16 AM	8:24 AM	8:29 AM	8:38 AM	8:46 AM
3	8:23 AM	8:29 AM	8:39 AM	8:47 AM	8:52 AM	9:01 AM	9:09 AM
1	8:51 AM	8:57 AM	9:07 AM	9:15 AM	9:20 AM	9:29 AM	9:37 AM
2	9:02 AM	9:08 AM	9:18 AM	9:26 AM	9:31 AM	9:40 AM	9:48 AM
3	9:14 AM	9:20 AM	9:30 AM	9:38 AM	9:43 AM	9:52 AM	10:00 AM
4	9:25 AM	9:31 AM	9:41 AM	9:49 AM	9:54 AM	10:03 AM	10:11 AM
1	9:42 AM	9:48 AM	9:58 AM	10:06 AM	10:11 AM	10:20 AM	10:28 AM
2	9:53 AM	9:59 AM	10:09 AM	10:17 AM	10:22 AM	10:31 AM	10:39 AM
3	10:05 AM	10:11 AM	10:21 AM	10:29 AM	10:34 AM	10:43 AM	10:51 AM
4	10:16 AM	10:22 AM	10:32 AM	10:40 AM	10:45 AM	10:54 AM	11:02 AM
1	10:33 AM	10:39 AM	10:49 AM	10:57 AM	11:02 AM	11:11 AM	11:19 AM
2	10:44 AM	10:50 AM	11:00 AM	11:08 AM	11:13 AM	11:22 AM	11:30 AM
3	10:56 AM	11:02 AM	11:12 AM	11:20 AM	11:25 AM	11:34 AM	11:42 AM
4	11:07 AM	11:13 AM	11:23 AM	11:31 AM	11:36 AM	11:45 AM	11:53 AM
1	11:24 AM	11:30 AM	11:40 AM	11:48 AM	11:53 AM	12:02 PM	12:10 PM
2	11:35 AM	11:41 AM	11:51 AM	11:59 AM	12:04 PM	12:13 PM	12:21 PM
3	11:47 AM	11:53 AM	12:03 PM	12:11 PM	12:16 PM	12:25 PM	12:33 PM
4	11:58 AM	12:04 PM	12:14 PM	12:22 PM	12:27 PM	12:36 PM	12:44 PM
1	12:15 PM	12:21 PM	12:31 PM	12:39 PM	12:44 PM	12:53 PM	1:01 PM
2	12:26 PM	12:32 PM	12:42 PM	12:50 PM	12:55 PM	1:04 PM	1:12 PM
3	12:38 PM	12:44 PM	12:54 PM	1:02 PM	1:07 PM	1:16 PM	1:24 PM
4	12:49 PM	12:55 PM	1:05 PM	1:13 PM	1:18 PM	1:27 PM	1:35 PM
1	1:06 PM	1:12 PM	1:22 PM	1:30 PM	1:35 PM	1:44 PM	1:52 PM
2	1:17 PM	1:23 PM	1:33 PM	1:41 PM	1:46 PM	1:55 PM	2:03 PM
3	1:29 PM	1:35 PM	1:45 PM	1:53 PM	1:58 PM	2:07 PM	2:15 PM
4	1:40 PM	1:46 PM	1:56 PM	2:04 PM	2:09 PM	2:18 PM	2:26 PM
1	1:57 PM	2:03 PM	2:13 PM	2:21 PM	2:26 PM	2:35 PM	2:43 PM
2	2:08 PM	2:14 PM	2:24 PM	2:32 PM	2:37 PM	2:46 PM	2:54 PM
3	2:20 PM	2:26 PM	2:36 PM	2:44 PM	2:49 PM	2:58 PM	3:06 PM
4	2:31 PM	2:37 PM	2:47 PM	2:55 PM	3:00 PM	3:09 PM	3:17 PM
1	2:48 PM	2:54 PM	3:04 PM	3:12 PM	3:17 PM	3:26 PM	3:34 PM
2	2:59 PM	3:05 PM	3:15 PM	3:23 PM	3:28 PM	3:37 PM	3:45 PM
3	3:11 PM	3:17 PM	3:27 PM	3:35 PM	3:40 PM	3:49 PM	3:57 PM
4	3:22 PM	3:28 PM	3:38 PM	3:46 PM	3:51 PM	4:00 PM	4:08 PM
1	3:39 PM	3:45 PM	3:55 PM	4:03 PM	4:08 PM	4:17 PM	4:25 PM
2	3:50 PM	3:56 PM	4:06 PM	4:14 PM	4:19 PM	4:28 PM	4:36 PM
3	4:02 PM	4:08 PM	4:18 PM	4:26 PM	4:31 PM	4:40 PM	4:48 PM
4	4:13 PM	4:19 PM	4:29 PM	4:37 PM	4:42 PM	4:51 PM	4:59 PM
1	4:30 PM	4:36 PM	4:46 PM	4:54 PM	4:59 PM	5:08 PM	5:16 PM
2	4:41 PM	4:47 PM	4:57 PM	5:05 PM	5:10 PM	5:19 PM	5:27 PM
3	4:53 PM	4:59 PM	5:09 PM	5:17 PM	5:22 PM	5:31 PM	5:39 PM
4	5:04 PM	5:10 PM	5:20 PM	5:28 PM	5:33 PM	5:42 PM	5:50 PM
1	5:21 PM	5:27 PM	5:37 PM	5:45 PM	5:50 PM	5:59 PM	6:07 PM
2	5:32 PM	5:38 PM	5:48 PM	5:56 PM	6:01 PM	6:10 PM	6:18 PM
3	5:44 PM	5:50 PM	6:00 PM	6:08 PM	6:13 PM	6:22 PM	6:30 PM
4	5:55 PM	6:01 PM	6:11 PM	6:19 PM	6:24 PM	6:33 PM	6:41 PM
1	6:12 PM	6:18 PM	6:28 PM	6:36 PM	6:41 PM	6:50 PM	6:58 PM
2	6:23 PM	6:29 PM	6:39 PM	6:47 PM	6:52 PM	7:01 PM	7:09 PM

July 1 - September 4 (Weekends & Holidays)								
Lodgepole to Giant Forest Museum: Departure								
Vehicle	Lodgepole Campground	Lodgepole Visitor Center	Lower Sherman Tree Accessible Trail	Arrival: Giant Forest Museum	Giant Forest Museum	Lower Sherman Tree Accessible Trail	Arrival: Lodgepole Campgrounds	
1	8:00 AM	8:07 AM	8:18 AM	8:26 AM	8:31 AM	8:41 AM	8:50 AM	1.00
3	8:20 AM	8:27 AM	8:38 AM	8:46 AM	8:51 AM	9:01 AM	9:10 AM	1.00
5	8:40 AM	8:47 AM	8:58 AM	9:06 AM	9:11 AM	9:21 AM	9:30 AM	1.00
1	8:55 AM	9:02 AM	9:13 AM	9:21 AM	9:26 AM	9:36 AM	9:45 AM	1.00
2	9:05 AM	9:12 AM	9:23 AM	9:31 AM	9:36 AM	9:46 AM	9:55 AM	1.00
3	9:15 AM	9:22 AM	9:33 AM	9:41 AM	9:46 AM	9:56 AM	10:05 AM	1.00
4	9:25 AM	9:32 AM	9:43 AM	9:51 AM	9:56 AM	10:06 AM	10:15 AM	1.00
5	9:35 AM	9:42 AM	9:53 AM	10:01 AM	10:06 AM	10:16 AM	10:25 AM	1.00
1	9:50 AM	9:57 AM	10:08 AM	10:16 AM	10:21 AM	10:31 AM	10:40 AM	1.00
2	10:00 AM	10:07 AM	10:18 AM	10:26 AM	10:31 AM	10:41 AM	10:50 AM	1.00
3	10:10 AM	10:17 AM	10:28 AM	10:36 AM	10:41 AM	10:51 AM	11:00 AM	1.00
4	10:20 AM	10:27 AM	10:38 AM	10:46 AM	10:51 AM	11:01 AM	11:10 AM	1.00
5	10:30 AM	10:37 AM	10:48 AM	10:56 AM	11:01 AM	11:11 AM	11:20 AM	1.00
1	10:45 AM	10:52 AM	11:03 AM	11:11 AM	11:16 AM	11:26 AM	11:35 AM	1.00
2	10:55 AM	11:02 AM	11:13 AM	11:21 AM	11:26 AM	11:36 AM	11:45 AM	1.00
3	11:05 AM	11:12 AM	11:23 AM	11:31 AM	11:36 AM	11:46 AM	11:55 AM	1.00
4	11:15 AM	11:22 AM	11:33 AM	11:41 AM	11:46 AM	11:56 AM	12:05 PM	1.00
5	11:25 AM	11:32 AM	11:43 AM	11:51 AM	11:56 AM	12:06 PM	12:15 PM	1.00
1	11:40 AM	11:47 AM	11:58 AM	12:06 PM	12:11 PM	12:21 PM	12:30 PM	1.00
2	11:50 AM	11:57 AM	12:08 PM	12:16 PM	12:21 PM	12:31 PM	12:40 PM	1.00
3	12:00 PM	12:07 PM	12:18 PM	12:26 PM	12:31 PM	12:41 PM	12:50 PM	1.00
4	12:10 PM	12:17 PM	12:28 PM	12:36 PM	12:41 PM	12:51 PM	1:00 PM	1.00
5	12:20 PM	12:27 PM	12:38 PM	12:46 PM	12:51 PM	1:01 PM	1:10 PM	1.00
1	12:35 PM	12:42 PM	12:53 PM	1:01 PM	1:06 PM	1:16 PM	1:25 PM	1.00
2	12:45 PM	12:52 PM	1:03 PM	1:11 PM	1:16 PM	1:26 PM	1:35 PM	1.00
3	12:55 PM	1:02 PM	1:13 PM	1:21 PM	1:26 PM	1:36 PM	1:45 PM	1.00
4	1:05 PM	1:12 PM	1:23 PM	1:31 PM	1:36 PM	1:46 PM	1:55 PM	1.00
5	1:15 PM	1:22 PM	1:33 PM	1:41 PM	1:46 PM	1:56 PM	2:05 PM	1.00
1	1:30 PM	1:37 PM	1:48 PM	1:56 PM	2:01 PM	2:11 PM	2:20 PM	1.00
2	1:40 PM	1:47 PM	1:58 PM	2:06 PM	2:11 PM	2:21 PM	2:30 PM	1.00
3	1:50 PM	1:57 PM	2:08 PM	2:16 PM	2:21 PM	2:31 PM	2:40 PM	1.00
4	2:00 PM	2:07 PM	2:18 PM	2:26 PM	2:31 PM	2:41 PM	2:50 PM	1.00
5	2:10 PM	2:17 PM	2:28 PM	2:36 PM	2:41 PM	2:51 PM	3:00 PM	1.00
1	2:25 PM	2:32 PM	2:43 PM	2:51 PM	2:56 PM	3:06 PM	3:15 PM	1.00
2	2:35 PM	2:42 PM	2:53 PM	3:01 PM	3:06 PM	3:16 PM	3:25 PM	1.00
3	2:45 PM	2:52 PM	3:03 PM	3:11 PM	3:16 PM	3:26 PM	3:35 PM	1.00
4	2:55 PM	3:02 PM	3:13 PM	3:21 PM	3:26 PM	3:36 PM	3:45 PM	1.00
5	3:05 PM	3:12 PM	3:23 PM	3:31 PM	3:36 PM	3:46 PM	3:55 PM	1.00
1	3:20 PM	3:27 PM	3:38 PM	3:46 PM	3:51 PM	4:01 PM	4:10 PM	1.00
2	3:30 PM	3:37 PM	3:48 PM	3:56 PM	4:01 PM	4:11 PM	4:20 PM	1.00
3	3:40 PM	3:47 PM	3:58 PM	4:06 PM	4:11 PM	4:21 PM	4:30 PM	1.00
4	3:50 PM	3:57 PM	4:08 PM	4:16 PM	4:21 PM	4:31 PM	4:40 PM	1.00
5	4:00 PM	4:07 PM	4:18 PM	4:26 PM	4:31 PM	4:41 PM	4:50 PM	

Sequoia Shuttle Route 2 Schedule 2023

May 25 - June 27 (Daily), June 28 - Sept. 1 (Weekdays), & Sept. 5 - Sept. 10 (Daily)					
Moro Rock - Access Road Open: Departure					
Vehicle	Giant Forest Museum	Morow Rock	Arrival: Crescent Meadow	Crescent Meadow	Arrival: Giant Forest Museum
1	8:00 AM	8:11 AM	8:18 AM	8:23 AM	8:34 AM
2	8:18 AM	8:29 AM	8:36 AM	8:41 AM	8:52 AM
1	8:39 AM	8:50 AM	8:57 AM	9:02 AM	9:13 AM
2	8:57 AM	9:08 AM	9:15 AM	9:20 AM	9:31 AM
3	9:09 AM	9:20 AM	9:27 AM	9:32 AM	9:43 AM
1	9:21 AM	9:32 AM	9:39 AM	9:44 AM	9:55 AM
2	9:36 AM	9:47 AM	9:54 AM	9:59 AM	10:10 AM
3	9:48 AM	9:59 AM	10:06 AM	10:11 AM	10:22 AM
1	10:00 AM	10:11 AM	10:18 AM	10:23 AM	10:34 AM
2	10:15 AM	10:26 AM	10:33 AM	10:38 AM	10:49 AM
3	10:27 AM	10:38 AM	10:45 AM	10:50 AM	11:01 AM
1	10:39 AM	10:50 AM	10:57 AM	11:02 AM	11:13 AM
2	10:54 AM	11:05 AM	11:12 AM	11:17 AM	11:28 AM
3	11:06 AM	11:17 AM	11:24 AM	11:29 AM	11:40 AM
1	11:18 AM	11:29 AM	11:36 AM	11:41 AM	11:52 AM
2	11:33 AM	11:44 AM	11:51 AM	11:56 AM	12:07 PM
3	11:45 AM	11:56 AM	12:03 PM	12:08 PM	12:19 PM
1	11:57 AM	12:08 PM	12:15 PM	12:20 PM	12:31 PM
2	12:12 PM	12:23 PM	12:30 PM	12:35 PM	12:46 PM
3	12:24 PM	12:35 PM	12:42 PM	12:47 PM	12:58 PM
1	12:36 PM	12:47 PM	12:54 PM	12:59 PM	1:10 PM
2	12:51 PM	1:02 PM	1:09 PM	1:14 PM	1:25 PM
3	1:03 PM	1:14 PM	1:21 PM	1:26 PM	1:37 PM
1	1:15 PM	1:26 PM	1:33 PM	1:38 PM	1:49 PM
2	1:30 PM	1:41 PM	1:48 PM	1:53 PM	2:04 PM
3	1:42 PM	1:53 PM	2:00 PM	2:05 PM	2:16 PM
1	1:54 PM	2:05 PM	2:12 PM	2:17 PM	2:28 PM
2	2:09 PM	2:20 PM	2:27 PM	2:32 PM	2:43 PM
3	2:21 PM	2:32 PM	2:39 PM	2:44 PM	2:55 PM
1	2:33 PM	2:44 PM	2:51 PM	2:56 PM	3:07 PM
2	2:48 PM	2:59 PM	3:06 PM	3:11 PM	3:22 PM
3	3:00 PM	3:11 PM	3:18 PM	3:23 PM	3:34 PM
1	3:12 PM	3:23 PM	3:30 PM	3:35 PM	3:46 PM
2	3:27 PM	3:38 PM	3:45 PM	3:50 PM	4:01 PM
3	3:39 PM	3:50 PM	3:57 PM	4:02 PM	4:13 PM
1	3:51 PM	4:02 PM	4:09 PM	4:14 PM	4:25 PM
2	4:06 PM	4:17 PM	4:24 PM	4:29 PM	4:40 PM
3	4:18 PM	4:29 PM	4:36 PM	4:41 PM	4:52 PM
1	4:30 PM	4:41 PM	4:48 PM	4:53 PM	5:04 PM
2	4:45 PM	4:56 PM	5:03 PM	5:08 PM	5:19 PM
3	4:57 PM	5:08 PM	5:15 PM	5:20 PM	5:31 PM
1	5:09 PM	5:20 PM	5:27 PM	5:32 PM	5:43 PM
2	5:24 PM	5:35 PM	5:42 PM	5:47 PM	5:58 PM
3	5:36 PM	5:47 PM	5:54 PM	5:59 PM	6:10 PM
1	5:48 PM	5:59 PM	6:06 PM	6:11 PM	6:22 PM
2	6:03 PM	6:14 PM	6:21 PM	6:26 PM	6:37 PM
3	6:15 PM	6:26 PM	6:33 PM	6:38 PM	6:49 PM
1	6:27 PM	6:38 PM	6:45 PM	6:50 PM	7:01 PM
2	6:42 PM	6:53 PM	7:00 PM	7:05 PM	7:16 PM
Total					49.00 trips

July 1 - September 4 (Weekends & Holidays)					
Moro Rock - Road Closure: Departure					
Vehicle	Giant Forest Museum	Morow Rock	Arrival: Crescent Meadow	Crescent Meadow	Arrival: Giant Forest Museum
1	8:00 AM	8:10 AM	8:16 AM	8:21 AM	8:30 AM
3	8:17 AM	8:27 AM	8:33 AM	8:38 AM	8:47 AM
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3	8:52 AM	9:02 AM	9:08 AM	9:13 AM	9:22 AM
4	9:01 AM	9:11 AM	9:17 AM	9:22 AM	9:31 AM
1	9:10 AM	9:20 AM	9:26 AM	9:31 AM	9:40 AM
2	9:18 AM	9:28 AM	9:34 AM	9:39 AM	9:48 AM
3	9:27 AM	9:37 AM	9:43 AM	9:48 AM	9:57 AM
4	9:36 AM	9:46 AM	9:52 AM	9:57 AM	10:06 AM
1	9:45 AM	9:55 AM	10:01 AM	10:06 AM	10:15 AM
2	9:53 AM	10:03 AM	10:09 AM	10:14 AM	10:23 AM
3	10:02 AM	10:12 AM	10:18 AM	10:23 AM	10:32 AM
4	10:11 AM	10:21 AM	10:27 AM	10:32 AM	10:41 AM
1	10:20 AM	10:30 AM	10:36 AM	10:41 AM	10:50 AM
2	10:28 AM	10:38 AM	10:44 AM	10:49 AM	10:58 AM
3	10:37 AM	10:47 AM	10:53 AM	10:58 AM	11:07 AM
4	10:46 AM	10:56 AM	11:02 AM	11:07 AM	11:16 AM
1	10:55 AM	11:05 AM	11:11 AM	11:16 AM	11:25 AM
2	11:03 AM	11:13 AM	11:19 AM	11:24 AM	11:33 AM
3	11:12 AM	11:22 AM	11:28 AM	11:33 AM	11:42 AM
4	11:21 AM	11:31 AM	11:37 AM	11:42 AM	11:51 AM
1	11:30 AM	11:40 AM	11:46 AM	11:51 AM	12:00 PM
2	11:38 AM	11:48 AM	11:54 AM	11:59 AM	12:08 PM
3	11:47 AM	11:57 AM	12:03 PM	12:08 PM	12:17 PM
4	11:56 AM	12:06 PM	12:12 PM	12:17 PM	12:26 PM
1	12:05 PM	12:15 PM	12:21 PM	12:26 PM	12:35 PM
2	12:13 PM	12:23 PM	12:29 PM	12:34 PM	12:43 PM
3	12:22 PM	12:32 PM	12:38 PM	12:43 PM	12:52 PM
4	12:31 PM	12:41 PM	12:47 PM	12:52 PM	1:01 PM
1	12:40 PM	12:50 PM	12:56 PM	1:01 PM	1:10 PM
2	12:48 PM	12:58 PM	1:04 PM	1:09 PM	1:18 PM
3	12:57 PM	1:07 PM	1:13 PM	1:18 PM	1:27 PM
4	1:06 PM	1:16 PM	1:22 PM	1:27 PM	1:36 PM
1	1:15 PM	1:25 PM	1:31 PM	1:36 PM	1:45 PM
2	1:23 PM	1:33 PM	1:39 PM	1:44 PM	1:53 PM
3	1:32 PM	1:42 PM	1:48 PM	1:53 PM	2:02 PM
4	1:41 PM	1:51 PM	1:57 PM	2:02 PM	2:11 PM
1	1:50 PM	2:00 PM	2:06 PM	2:11 PM	2:20 PM
2	1:58 PM	2:08 PM	2:14 PM	2:19 PM	2:28 PM
3	2:07 PM	2:17 PM	2:23 PM	2:28 PM	2:37 PM
4	2:16 PM	2:26 PM	2:32 PM	2:37 PM	2:46 PM
1	2:25 PM	2:35 PM	2:41 PM	2:46 PM	2:55 PM
2	2:33 PM	2:43 PM	2:49 PM	2:54 PM	3:03 PM
3	2:42 PM	2:52 PM	2:58 PM	3:03 PM	3:12 PM
4	2:51 PM	3:01 PM	3:07 PM	3:12 PM	3:21 PM
1	3:00 PM	3:10 PM	3:16 PM	3:21 PM	3:30 PM
2	3:08 PM	3:18 PM	3:24 PM	3:29 PM	3:38 PM
3	3:17 PM	3:27 PM	3:33 PM	3:38 PM	3:47 PM
4	3:26 PM	3:36 PM	3:42 PM	3:47 PM	3:56 PM
1	3:35 PM	3:45 PM	3:51 PM	3:56 PM	4:05 PM
2	3:43 PM	3:53 PM	3:59 PM	4:04 PM	4:13 PM
3	3:52 PM	4:02 PM	4:08 PM	4:13 PM	4:22 PM
4	4:01 PM	4:11 PM	4:17 PM	4:22 PM	4:31 PM
1	4:10 PM	4:20 PM	4:26 PM	4:31 PM	4:40 PM
2	4:18 PM	4:28 PM	4:34 PM	4:39 PM	4:48 PM
3	4:27 PM	4:37 PM	4:43 PM	4:48 PM	4:57 PM
4	4:36 PM	4:46 PM	4:52 PM	4:57 PM	5:06 PM
1	4:45 PM	4:55 PM	5:01 PM	5:06 PM	5:15 PM
2	4:53 PM	5:03 PM	5:09 PM	5:14 PM	5:23 PM
3	5:02 PM	5:12 PM	5:18 PM	5:23 PM	5:32 PM
4	5:11 PM	5:21 PM	5:27 PM	5:32 PM	5:41 PM
1	5:20 PM	5:30 PM	5:36 PM	5:41 PM	5:50 PM
2	5:28 PM	5:38 PM	5:44 PM	5:49 PM	5:58 PM
3	5:37 PM	5:47 PM	5:53 PM	5:58 PM	6:07 PM
4	5:46 PM	5:56 PM	6:02 PM	6:07 PM	6:16 PM
1	5:55 PM	6:05 PM	6:11 PM	6:16 PM	6:25 PM
2	6:03 PM	6:13 PM	6:19 PM	6:24 PM	6:33 PM
3	6:12 PM	6:22 PM	6:28 PM	6:33 PM	6:42 PM
4	6:21 PM	6:31 PM	6:37 PM	6:42 PM	6:51 PM
1	6:30 PM	6:40 PM	6:46 PM	6:51 PM	7:00 PM
2	6:38 PM	6:48 PM	6:54 PM	6:59 PM	7:08 PM
3	6:47 PM	6:57 PM	7:03 PM	7:08 PM	7:17 PM
Total					72.00 trips

Sequoia Shuttle Route 3 Schedule 2022

May 25 - June 27 & Sept. 7 - Sept. 8 (Weekdays)						
Wukasachi to Lodgepole Campgrounds: Departure						
Vehicle	Lodgepole Campground	Lodgepole Visitor Center	Arrival: Wuksachi Village	Wuksachi Village	Arrival: Lodgepole Campground	
1	8:00 AM	8:04 AM	8:11 AM	8:16 AM	8:25 AM	1.00
1	8:30 AM	8:34 AM	8:41 AM	8:46 AM	8:55 AM	1.00
1	9:00 AM	9:04 AM	9:11 AM	9:16 AM	9:25 AM	1.00
1	9:30 AM	9:34 AM	9:41 AM	9:46 AM	9:55 AM	1.00
1	10:00 AM	10:04 AM	10:11 AM	10:16 AM	10:25 AM	1.00
1	10:30 AM	10:34 AM	10:41 AM	10:46 AM	10:55 AM	1.00
1	11:00 AM	11:04 AM	11:11 AM	11:16 AM	11:25 AM	1.00
1	11:30 AM	11:34 AM	11:41 AM	11:46 AM	11:55 AM	1.00
1	12:00 PM	12:04 PM	12:11 PM	12:16 PM	12:25 PM	1.00
1	12:30 PM	12:34 PM	12:41 PM	12:46 PM	12:55 PM	1.00
1	1:00 PM	1:04 PM	1:11 PM	1:16 PM	1:25 PM	1.00
1	1:30 PM	1:34 PM	1:41 PM	1:46 PM	1:55 PM	1.00
1	2:00 PM	2:04 PM	2:11 PM	2:16 PM	2:25 PM	1.00
1	2:30 PM	2:34 PM	2:41 PM	2:46 PM	2:55 PM	1.00
1	3:00 PM	3:04 PM	3:11 PM	3:16 PM	3:25 PM	1.00
1	3:30 PM	3:34 PM	3:41 PM	3:46 PM	3:55 PM	1.00
1	4:00 PM	4:04 PM	4:11 PM	4:16 PM	4:25 PM	1.00
1	4:30 PM	4:34 PM	4:41 PM	4:46 PM	4:55 PM	1.00
1	5:00 PM	5:04 PM	5:11 PM	5:16 PM	5:25 PM	1.00
1	5:30 PM	5:34 PM	5:41 PM	5:46 PM	5:55 PM	1.00
1	6:00 PM	6:04 PM	6:11 PM	6:16 PM	6:25 PM	1.00
1	6:30 PM	6:34 PM	6:41 PM	6:46 PM	6:55 PM	1.00
Total						22.00 trips

May 27 - June 28 & Sept. 9 - Sept. 10 (Weekends & Holidays)						
Wukasachi to Lodgepole Campgrounds: Departure						
Vehicle	Lodgepole Campground	Lodgepole Visitor Center	Arrival: Wuksachi Village	Wuksachi Village	Arrival: Lodgepole Campground	
1	8:00 AM	8:04 AM	8:11 AM	8:16 AM	8:25 AM	1.00
1	8:30 AM	8:34 AM	8:41 AM	8:46 AM	8:55 AM	1.00
1	9:00 AM	9:04 AM	9:11 AM	9:16 AM	9:25 AM	1.00
2	9:15 AM	9:19 AM	9:26 AM	9:31 AM	9:40 AM	1.00
1	9:30 AM	9:34 AM	9:41 AM	9:46 AM	9:55 AM	1.00
2	9:45 AM	9:49 AM	9:56 AM	10:01 AM	10:10 AM	1.00
1	10:00 AM	10:04 AM	10:11 AM	10:16 AM	10:25 AM	1.00
2	10:15 AM	10:19 AM	10:26 AM	10:31 AM	10:40 AM	1.00
1	10:30 AM	10:34 AM	10:41 AM	10:46 AM	10:55 AM	1.00
2	10:45 AM	10:49 AM	10:56 AM	11:01 AM	11:10 AM	1.00
1	11:00 AM	11:04 AM	11:11 AM	11:16 AM	11:25 AM	1.00
2	11:15 AM	11:19 AM	11:26 AM	11:31 AM	11:40 AM	1.00
1	11:30 AM	11:34 AM	11:41 AM	11:46 AM	11:55 AM	1.00
2	11:45 AM	11:49 AM	11:56 AM	12:01 PM	12:10 PM	1.00
1	12:00 PM	12:04 PM	12:11 PM	12:16 PM	12:25 PM	1.00
2	12:15 PM	12:19 PM	12:26 PM	12:31 PM	12:40 PM	1.00
1	12:30 PM	12:34 PM	12:41 PM	12:46 PM	12:55 PM	1.00
2	12:45 PM	12:49 PM	12:56 PM	1:01 PM	1:10 PM	1.00
1	1:00 PM	1:04 PM	1:11 PM	1:16 PM	1:25 PM	1.00
2	1:15 PM	1:19 PM	1:26 PM	1:31 PM	1:40 PM	1.00
1	1:30 PM	1:34 PM	1:41 PM	1:46 PM	1:55 PM	1.00
2	1:45 PM	1:49 PM	1:56 PM	2:01 PM	2:10 PM	1.00
1	2:00 PM	2:04 PM	2:11 PM	2:16 PM	2:25 PM	1.00
2	2:15 PM	2:19 PM	2:26 PM	2:31 PM	2:40 PM	1.00
1	2:30 PM	2:34 PM	2:41 PM	2:46 PM	2:55 PM	1.00
2	2:45 PM	2:49 PM	2:56 PM	3:01 PM	3:10 PM	1.00
1	3:00 PM	3:04 PM	3:11 PM	3:16 PM	3:25 PM	1.00
2	3:15 PM	3:19 PM	3:26 PM	3:31 PM	3:40 PM	1.00
1	3:30 PM	3:34 PM	3:41 PM	3:46 PM	3:55 PM	1.00
2	3:45 PM	3:49 PM	3:56 PM	4:01 PM	4:10 PM	1.00
1	4:00 PM	4:04 PM	4:11 PM	4:16 PM	4:25 PM	1.00
2	4:15 PM	4:19 PM	4:26 PM	4:31 PM	4:40 PM	1.00
1	4:30 PM	4:34 PM	4:41 PM	4:46 PM	4:55 PM	1.00
2	4:45 PM	4:49 PM	4:56 PM	5:01 PM	5:10 PM	1.00
1	5:00 PM	5:04 PM	5:11 PM	5:16 PM	5:25 PM	1.00
2	5:15 PM	5:19 PM	5:26 PM	5:31 PM	5:40 PM	1.00
1	5:30 PM	5:34 PM	5:41 PM	5:46 PM	5:55 PM	1.00
2	5:45 PM	5:49 PM	5:56 PM	6:01 PM	6:10 PM	1.00
1	6:00 PM	6:04 PM	6:11 PM	6:16 PM	6:25 PM	1.00
2	6:15 PM	6:19 PM	6:26 PM	6:31 PM	6:40 PM	1.00
1	6:30 PM	6:34 PM	6:41 PM	6:46 PM	6:55 PM	1.00
2	6:45 PM	6:49 PM	6:56 PM	7:01 PM	7:10 PM	1.00
Total						42.00 trips

Sequoia Shuttle Route 3 Schedule 2022

May 29 - Sept. 6 (Weekdays)

Wukasachi to Lower Sherman: Departure

Vehicle	Dorst Creek Campgrounds									Arrival: Lodgepole Campground
	Lodgepole Campground	Lodgepole Visitor Center	Wuksachi Village	Dorst Creek Campgrounds 1st Stop	Arrival: Dorst Amphitheater	Dorst Creek Amphitheater	Dorst Creek Campgrounds 3rd Stop	Wuksachi Village		
1	8:00 AM	8:04 AM	8:12 AM	8:32 AM	8:35 AM	8:40 AM	8:45 AM	9:03 AM	9:12 AM	1.00
2	8:25 AM	8:29 AM	8:37 AM	8:57 AM	9:00 AM	9:05 AM	9:10 AM	9:28 AM	9:37 AM	1.00
3	8:51 AM	8:55 AM	9:03 AM	9:23 AM	9:26 AM	9:31 AM	9:36 AM	9:54 AM	10:03 AM	1.00
1	9:17 AM	9:21 AM	9:29 AM	9:49 AM	9:52 AM	9:57 AM	10:02 AM	10:20 AM	10:29 AM	1.00
2	9:42 AM	9:46 AM	9:54 AM	10:14 AM	10:17 AM	10:22 AM	10:27 AM	10:45 AM	10:54 AM	1.00
3	10:08 AM	10:12 AM	10:20 AM	10:40 AM	10:43 AM	10:48 AM	10:53 AM	11:11 AM	11:20 AM	1.00
1	10:34 AM	10:38 AM	10:46 AM	11:06 AM	11:09 AM	11:14 AM	11:19 AM	11:37 AM	11:46 AM	1.00
2	10:59 AM	11:03 AM	11:11 AM	11:31 AM	11:34 AM	11:39 AM	11:44 AM	12:02 PM	12:11 PM	1.00
3	11:25 AM	11:29 AM	11:37 AM	11:57 AM	12:00 PM	12:05 PM	12:10 PM	12:28 PM	12:37 PM	1.00
1	11:51 AM	11:55 AM	12:03 PM	12:23 PM	12:26 PM	12:31 PM	12:36 PM	12:54 PM	1:03 PM	1.00
2	12:16 PM	12:20 PM	12:28 PM	12:48 PM	12:51 PM	12:56 PM	1:01 PM	1:19 PM	1:28 PM	1.00
3	12:42 PM	12:46 PM	12:54 PM	1:14 PM	1:17 PM	1:22 PM	1:27 PM	1:45 PM	1:54 PM	1.00
1	1:08 PM	1:12 PM	1:20 PM	1:40 PM	1:43 PM	1:48 PM	1:53 PM	2:11 PM	2:20 PM	1.00
2	1:33 PM	1:37 PM	1:45 PM	2:05 PM	2:08 PM	2:13 PM	2:18 PM	2:36 PM	2:45 PM	1.00
3	1:59 PM	2:03 PM	2:11 PM	2:31 PM	2:34 PM	2:39 PM	2:44 PM	3:02 PM	3:11 PM	1.00
1	2:25 PM	2:29 PM	2:37 PM	2:57 PM	3:00 PM	3:05 PM	3:10 PM	3:28 PM	3:37 PM	1.00
2	2:50 PM	2:54 PM	3:02 PM	3:22 PM	3:25 PM	3:30 PM	3:35 PM	3:53 PM	4:02 PM	1.00
3	3:16 PM	3:20 PM	3:28 PM	3:48 PM	3:51 PM	3:56 PM	4:01 PM	4:19 PM	4:28 PM	1.00
1	3:42 PM	3:46 PM	3:54 PM	4:14 PM	4:17 PM	4:22 PM	4:27 PM	4:45 PM	4:54 PM	1.00
2	4:07 PM	4:11 PM	4:19 PM	4:39 PM	4:42 PM	4:47 PM	4:52 PM	5:10 PM	5:19 PM	1.00
3	4:33 PM	4:37 PM	4:45 PM	5:05 PM	5:08 PM	5:13 PM	5:18 PM	5:36 PM	5:45 PM	1.00
1	4:59 PM	5:03 PM	5:11 PM	5:31 PM	5:34 PM	5:39 PM	5:44 PM	6:02 PM	6:11 PM	1.00
2	5:24 PM	5:28 PM	5:36 PM	5:56 PM	5:59 PM	6:04 PM	6:09 PM	6:27 PM	6:36 PM	1.00
3	5:50 PM	5:54 PM	6:02 PM	6:22 PM	6:25 PM	6:30 PM	6:35 PM	6:53 PM	7:02 PM	1.00
1	6:16 PM	6:20 PM	6:28 PM	6:48 PM	6:51 PM	6:56 PM	7:01 PM	7:19 PM		0.89
2	6:41 PM	6:45 PM	6:53 PM							0.33
Total										25.22 trips

Sequoia Shuttle Route 4 Schedule 2023

May 25 - Sept. 10 (Daily)						
Wolverton to Lower Sherman: Departure						
Vehicle	Wolverton Parking Lot	Arrival: Lower Sherman Tree Accessible Trail	Lower Sherman Tree Accessible Trail	Upper Sherman Parking Lot	Arrival: Wolverton Parking Lot	
1	8:00 AM	8:08 AM	8:13 AM	8:22 AM	8:28 AM	1.00
1	8:33 AM	8:41 AM	8:46 AM	8:55 AM	9:01 AM	1.00
1	9:06 AM	9:14 AM	9:19 AM	9:28 AM	9:34 AM	1.00
2	9:22 AM	9:30 AM	9:35 AM	9:44 AM	9:50 AM	1.00
1	9:39 AM	9:47 AM	9:52 AM	10:01 AM	10:07 AM	1.00
2	9:55 AM	10:03 AM	10:08 AM	10:17 AM	10:23 AM	1.00
1	10:12 AM	10:20 AM	10:25 AM	10:34 AM	10:40 AM	1.00
2	10:28 AM	10:36 AM	10:41 AM	10:50 AM	10:56 AM	1.00
1	10:45 AM	10:53 AM	10:58 AM	11:07 AM	11:13 AM	1.00
2	11:01 AM	11:09 AM	11:14 AM	11:23 AM	11:29 AM	1.00
1	11:18 AM	11:26 AM	11:31 AM	11:40 AM	11:46 AM	1.00
2	11:34 AM	11:42 AM	11:47 AM	11:56 AM	12:02 PM	1.00
1	11:51 AM	11:59 AM	12:04 PM	12:13 PM	12:19 PM	1.00
2	12:07 PM	12:15 PM	12:20 PM	12:29 PM	12:35 PM	1.00
1	12:24 PM	12:32 PM	12:37 PM	12:46 PM	12:52 PM	1.00
2	12:40 PM	12:48 PM	12:53 PM	1:02 PM	1:08 PM	1.00
1	12:57 PM	1:05 PM	1:10 PM	1:19 PM	1:25 PM	1.00
2	1:13 PM	1:21 PM	1:26 PM	1:35 PM	1:41 PM	1.00
1	1:30 PM	1:38 PM	1:43 PM	1:52 PM	1:58 PM	1.00
2	1:46 PM	1:54 PM	1:59 PM	2:08 PM	2:14 PM	1.00
1	2:03 PM	2:11 PM	2:16 PM	2:25 PM	2:31 PM	1.00
2	2:19 PM	2:27 PM	2:32 PM	2:41 PM	2:47 PM	1.00
1	2:36 PM	2:44 PM	2:49 PM	2:58 PM	3:04 PM	1.00
2	2:52 PM	3:00 PM	3:05 PM	3:14 PM	3:20 PM	1.00
1	3:09 PM	3:17 PM	3:22 PM	3:31 PM	3:37 PM	1.00
2	3:25 PM	3:33 PM	3:38 PM	3:47 PM	3:53 PM	1.00
1	3:42 PM	3:50 PM	3:55 PM	4:04 PM	4:10 PM	1.00
2	3:58 PM	4:06 PM	4:11 PM	4:20 PM	4:26 PM	1.00
1	4:15 PM	4:23 PM	4:28 PM	4:37 PM	4:43 PM	1.00
2	4:31 PM	4:39 PM	4:44 PM	4:53 PM	4:59 PM	1.00
1	4:48 PM	4:56 PM	5:01 PM	5:10 PM	5:16 PM	1.00
2	5:04 PM	5:12 PM	5:17 PM	5:26 PM	5:32 PM	1.00
1	5:21 PM	5:29 PM	5:34 PM	5:43 PM	5:49 PM	1.00
2	5:37 PM	5:45 PM	5:50 PM	5:59 PM	6:05 PM	1.00
1	5:54 PM	6:02 PM	6:07 PM	6:16 PM	6:22 PM	1.00
2	6:10 PM	6:18 PM	6:23 PM	6:32 PM	6:38 PM	1.00
1	6:27 PM	6:35 PM	6:40 PM	6:49 PM	6:55 PM	1.00
2	6:43 PM	6:51 PM	6:56 PM	7:05 PM	7:11 PM	1.00
Total						38.00 trips

Sequoia Shuttle Winter Route Schedule 2023

Nov. 23 - Nov. 26 & Dec. 23 - Jan. 1

Wuksachi to Giant Forest Museum: Departure

Vehicle	Wuksachi Village	Lodgepole Visitor Center	Wolverton Ski Play Area	Lower Sherman Tree Accessible Trail	Arrival: Giant Forest Museum	Giant Forest Museum	Lower Sherman Tree Accessible Trail	Upper Sherman Parking Lot	Wolverton Ski Play Area	Lodgepole Visitor Center	Arrival: Wuksachi Village	
1					9:55 AM	10:00 AM	10:09 AM	10:17 AM	10:25 AM	10:38 AM	10:47 AM	0.64
2				10:00 AM	10:09 AM	10:14 AM	10:23 AM	10:31 AM	10:39 AM	10:52 AM	11:01 AM	0.73
3			10:04 AM	10:14 AM	10:23 AM	10:28 AM	10:37 AM	10:45 AM	10:53 AM	11:06 AM	11:15 AM	0.82
4	9:56 AM	10:07 AM	10:18 AM	10:28 AM	10:37 AM	10:42 AM	10:51 AM	10:59 AM	11:07 AM	11:20 AM	11:29 AM	1.00
5	10:10 AM	10:21 AM	10:32 AM	10:42 AM	10:51 AM	10:56 AM	11:05 AM	11:13 AM	11:21 AM	11:34 AM	11:43 AM	1.00
6	10:24 AM	10:35 AM	10:46 AM	10:56 AM	11:05 AM	11:10 AM	11:19 AM	11:27 AM	11:35 AM	11:48 AM	11:57 AM	1.00
7	10:38 AM	10:49 AM	11:00 AM	11:10 AM	11:19 AM	11:24 AM	11:33 AM	11:41 AM	11:49 AM	12:02 PM	12:11 PM	1.00
1	10:52 AM	11:03 AM	11:14 AM	11:24 AM	11:33 AM	11:38 AM	11:47 AM	11:55 AM	12:03 PM	12:16 PM	12:25 PM	1.00
2	11:06 AM	11:17 AM	11:28 AM	11:38 AM	11:47 AM	11:52 AM	12:01 PM	12:09 PM	12:17 PM	12:30 PM	12:39 PM	1.00
3	11:20 AM	11:31 AM	11:42 AM	11:52 AM	12:01 PM	12:06 PM	12:15 PM	12:23 PM	12:31 PM	12:44 PM	12:53 PM	1.00
4	11:34 AM	11:45 AM	11:56 AM	12:06 PM	12:15 PM	12:20 PM	12:29 PM	12:37 PM	12:45 PM	12:58 PM	1:07 PM	1.00
5	11:48 AM	11:59 AM	12:10 PM	12:20 PM	12:29 PM	12:34 PM	12:43 PM	12:51 PM	12:59 PM	1:12 PM	1:21 PM	1.00
6	12:02 PM	12:13 PM	12:24 PM	12:34 PM	12:43 PM	12:48 PM	12:57 PM	1:05 PM	1:13 PM	1:26 PM	1:35 PM	1.00
7	12:16 PM	12:27 PM	12:38 PM	12:48 PM	12:57 PM	1:02 PM	1:11 PM	1:19 PM	1:27 PM	1:40 PM	1:49 PM	1.00
1	12:30 PM	12:41 PM	12:52 PM	1:02 PM	1:11 PM	1:16 PM	1:25 PM	1:33 PM	1:41 PM	1:54 PM	2:03 PM	1.00
2	12:44 PM	12:55 PM	1:06 PM	1:16 PM	1:25 PM	1:30 PM	1:39 PM	1:47 PM	1:55 PM	2:08 PM	2:17 PM	1.00
3	12:58 PM	1:09 PM	1:20 PM	1:30 PM	1:39 PM	1:44 PM	1:53 PM	2:01 PM	2:09 PM	2:22 PM	2:31 PM	1.00
4	1:12 PM	1:23 PM	1:34 PM	1:44 PM	1:53 PM	1:58 PM	2:07 PM	2:15 PM	2:23 PM	2:36 PM	2:45 PM	1.00
5	1:26 PM	1:37 PM	1:48 PM	1:58 PM	2:07 PM	2:12 PM	2:21 PM	2:29 PM	2:37 PM	2:50 PM	2:59 PM	1.00
6	1:40 PM	1:51 PM	2:02 PM	2:12 PM	2:21 PM	2:26 PM	2:35 PM	2:43 PM	2:51 PM	3:04 PM	3:13 PM	1.00
7	1:54 PM	2:05 PM	2:16 PM	2:26 PM	2:35 PM	2:40 PM	2:49 PM	2:57 PM	3:05 PM	3:18 PM	3:27 PM	1.00
1	2:08 PM	2:19 PM	2:30 PM	2:40 PM	2:49 PM	2:54 PM	3:03 PM	3:11 PM	3:19 PM	3:32 PM	3:41 PM	1.00
2	2:22 PM	2:33 PM	2:44 PM	2:54 PM	3:03 PM	3:08 PM	3:17 PM	3:25 PM	3:33 PM	3:46 PM	3:55 PM	1.00
3	2:36 PM	2:47 PM	2:58 PM	3:08 PM	3:17 PM	3:22 PM	3:31 PM	3:39 PM	3:47 PM	4:00 PM	4:09 PM	1.00
4	2:50 PM	3:01 PM	3:12 PM	3:22 PM	3:31 PM	3:36 PM	3:45 PM	3:53 PM	4:01 PM	4:14 PM	4:23 PM	1.00
5	3:04 PM	3:15 PM	3:26 PM	3:36 PM	3:45 PM	3:50 PM	3:59 PM	4:07 PM	4:15 PM	4:28 PM	4:37 PM	1.00
6	3:18 PM	3:29 PM	3:40 PM	3:50 PM	3:59 PM	4:04 PM	4:13 PM	4:21 PM	4:29 PM	4:42 PM		0.91
7	3:32 PM	3:43 PM	3:54 PM	4:04 PM	4:13 PM	4:18 PM	4:27 PM	4:35 PM	4:43 PM			0.82
1	3:46 PM	3:57 PM	4:08 PM	4:18 PM	4:27 PM	4:32 PM	4:41 PM	4:49 PM				0.73
2	4:00 PM	4:11 PM	4:22 PM	4:32 PM	4:41 PM	4:46 PM						0.55
3	4:14 PM	4:25 PM	4:36 PM	4:46 PM	4:55 PM							0.45
4	4:28 PM	4:39 PM	4:50 PM									0.27
Total												28.91 trips

Jan. 13 - Jan. 14

Wuksachi to Giant Forest Museum: Departure

Vehicle	Wuksachi Village	Lodgepole Visitor Center	Wolverton Ski Play Area	Lower Sherman Tree Accessible Trail	Arrival: Giant Forest Museum	Giant Forest Museum	Lower Sherman Tree Accessible Trail	Upper Sherman Parking Lot	Wolverton Ski Play Area	Lodgepole Visitor Center	Arrival: Wuksachi Village	
1					9:55 AM	10:00 AM	10:09 AM	10:17 AM	10:25 AM	10:38 AM	10:47 AM	0.64
2			9:55 AM	10:05 AM	10:14 AM	10:19 AM	10:28 AM	10:36 AM	10:44 AM	10:57 AM	11:06 AM	0.82
3		10:04 AM	10:15 AM	10:25 AM	10:34 AM	10:39 AM	10:48 AM	10:56 AM	11:04 AM	11:17 AM	11:26 AM	0.91
4	10:12 AM	10:23 AM	10:34 AM	10:44 AM	10:53 AM	10:58 AM	11:07 AM	11:15 AM	11:23 AM	11:36 AM	11:45 AM	1.00
5	10:32 AM	10:43 AM	10:54 AM	11:04 AM	11:13 AM	11:18 AM	11:27 AM	11:35 AM	11:43 AM	11:56 AM	12:05 PM	1.00
1	10:52 AM	11:03 AM	11:14 AM	11:24 AM	11:33 AM	11:38 AM	11:47 AM	11:55 AM	12:03 PM	12:16 PM	12:25 PM	1.00
2	11:11 AM	11:22 AM	11:33 AM	11:43 AM	11:52 AM	11:57 AM	12:06 PM	12:14 PM	12:22 PM	12:35 PM	12:44 PM	1.00
3	11:31 AM	11:42 AM	11:53 AM	12:03 PM	12:12 PM	12:17 PM	12:26 PM	12:34 PM	12:42 PM	12:55 PM	1:04 PM	1.00
4	11:50 AM	12:01 PM	12:12 PM	12:22 PM	12:31 PM	12:36 PM	12:45 PM	12:53 PM	1:01 PM	1:14 PM	1:23 PM	1.00
5	12:10 PM	12:21 PM	12:32 PM	12:42 PM	12:51 PM	12:56 PM	1:05 PM	1:13 PM	1:21 PM	1:34 PM	1:43 PM	1.00
1	12:30 PM	12:41 PM	12:52 PM	1:02 PM	1:11 PM	1:16 PM	1:25 PM	1:33 PM	1:41 PM	1:54 PM	2:03 PM	1.00
2	12:49 PM	1:00 PM	1:11 PM	1:21 PM	1:30 PM	1:35 PM	1:44 PM	1:52 PM	2:00 PM	2:13 PM	2:22 PM	1.00

[illegible]

Feb. 17 - Feb 18												
Wuksachi to Giant Forest Museum: Departure												
Vehicle	Wuksachi Village	Lodgepole Visitor Center	Wolverton Ski Play Area	Lower Sherman Tree Accessible Trail	Arrival: Giant Forest Museum	Giant Forest Museum	Lower Sherman Tree Accessible Trail	Upper Sherman Parking Lot	Wolverton Ski Play Area	Lodgepole Visitor Center	Arrival: Wuksachi Village	
1					9:55 AM	10:00 AM	10:09 AM	10:17 AM	10:25 AM	10:38 AM	10:47 AM	0.64
2			9:55 AM	10:05 AM	10:14 AM	10:19 AM	10:28 AM	10:36 AM	10:44 AM	10:57 AM	11:06 AM	0.82
3		10:04 AM	10:15 AM	10:25 AM	10:34 AM	10:39 AM	10:48 AM	10:56 AM	11:04 AM	11:17 AM	11:26 AM	0.91
4	10:12 AM	10:23 AM	10:34 AM	10:44 AM	10:53 AM	10:58 AM	11:07 AM	11:15 AM	11:23 AM	11:36 AM	11:45 AM	1.00
5	10:32 AM	10:43 AM	10:54 AM	11:04 AM	11:13 AM	11:18 AM	11:27 AM	11:35 AM	11:43 AM	11:56 AM	12:05 PM	1.00
1	10:52 AM	11:03 AM	11:14 AM	11:24 AM	11:33 AM	11:38 AM	11:47 AM	11:55 AM	12:03 PM	12:16 PM	12:25 PM	1.00
2	11:11 AM	11:22 AM	11:33 AM	11:43 AM	11:52 AM	11:57 AM	12:06 PM	12:14 PM	12:22 PM	12:35 PM	12:44 PM	1.00
3	11:31 AM	11:42 AM	11:53 AM	12:03 PM	12:12 PM	12:17 PM	12:26 PM	12:34 PM	12:42 PM	12:55 PM	1:04 PM	1.00
4	11:50 AM	12:01 PM	12:12 PM	12:22 PM	12:31 PM	12:36 PM	12:45 PM	12:53 PM	1:01 PM	1:14 PM	1:23 PM	1.00
5	12:10 PM	12:21 PM	12:32 PM	12:42 PM	12:51 PM	12:56 PM	1:05 PM	1:13 PM	1:21 PM	1:34 PM	1:43 PM	1.00
1	12:30 PM	12:41 PM	12:52 PM	1:02 PM	1:11 PM	1:16 PM	1:25 PM	1:33 PM	1:41 PM	1:54 PM	2:03 PM	1.00
2	12:49 PM	1:00 PM	1:11 PM	1:21 PM	1:30 PM	1:35 PM	1:44 PM	1:52 PM	2:00 PM	2:13 PM	2:22 PM	1.00
3	1:09 PM	1:20 PM	1:31 PM	1:41 PM	1:50 PM	1:55 PM	2:04 PM	2:12 PM	2:20 PM	2:33 PM	2:42 PM	1.00
4	1:28 PM	1:39 PM	1:50 PM	2:00 PM	2:09 PM	2:14 PM	2:23 PM	2:31 PM	2:39 PM	2:52 PM	3:01 PM	1.00
5	1:48 PM	1:59 PM	2:10 PM	2:20 PM	2:29 PM	2:34 PM	2:43 PM	2:51 PM	2:59 PM	3:12 PM	3:21 PM	1.00
1	2:08 PM	2:19 PM	2:30 PM	2:40 PM	2:49 PM	2:54 PM	3:03 PM	3:11 PM	3:19 PM	3:32 PM	3:41 PM	1.00
2	2:27 PM	2:38 PM	2:49 PM	2:59 PM	3:08 PM	3:13 PM	3:22 PM	3:30 PM	3:38 PM	3:51 PM	4:00 PM	1.00
3	2:47 PM	2:58 PM	3:09 PM	3:19 PM	3:28 PM	3:33 PM	3:42 PM	3:50 PM	3:58 PM	4:11 PM	4:20 PM	1.00
4	3:06 PM	3:17 PM	3:28 PM	3:38 PM	3:47 PM	3:52 PM	4:01 PM	4:09 PM	4:17 PM	4:30 PM	4:39 PM	1.00
5	3:26 PM	3:37 PM	3:48 PM	3:58 PM	4:07 PM	4:12 PM	4:21 PM	4:29 PM	4:37 PM	4:50 PM	4:59 PM	1.00
1	3:46 PM	3:57 PM	4:08 PM	4:18 PM	4:27 PM	4:32 PM	4:41 PM	4:49 PM	4:57 PM			0.82
2	4:05 PM	4:16 PM	4:27 PM	4:37 PM	4:46 PM							0.45
3	4:25 PM	4:36 PM	4:47 PM	4:57 PM	5:06 PM							0.45
4	4:44 PM	4:55 PM	5:06 PM									0.27
5	5:04 PM	5:15 PM	5:26 PM									0.27
Total												21.64 trips