HIRED EQUIPMENT PROGRAM SUPPLIER PARTICIPATION MANUAL

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HIRED EQUIPMENT

CHAPTER 1

PREFACE

About the Hired Equipment Program

When responding to emergency incidents, CAL FIRE may augment its complement of fireline and support equipment by hiring such equipment and ancillary services from the private sector. The CAL FIRE Hired Equipment Program works to obtain those resources which exactly meet the needs of the Incident Commander at a price that is fair to the Supplier and represents a prudent expenditure of state taxpayer funds. This goal is supported by recruiting Suppliers who enter into an Emergency Equipment Rental Agreement (EERA) (CAL FIRE-294) with the Department during the open enrollment period each year.

This manual defines the rules and standards required of Suppliers and equipment in order to be eligible for program participation. The manual further includes payment rates, instructions to initiate an agreement, and guidance for what to expect during incident dispatch and assignment.

Suppliers who object to the terms and conditions contained herein should not enter into an EERA with CAL FIRE. Any Supplier determined to be out of compliance with this manual or any portion of the EERA and/or associated terms and conditions will face sanctions up to and including removal from the program.

No Supplier is guaranteed any amount of business upon entering into an EERA with CAL FIRE. CAL FIRE uses established internal policy to distribute assignments for incident fire suppression and support equipment. CAL FIRE Incident Commanders determine what equipment is needed to support an incident logistically and operationally to accomplish incident objectives; Suppliers are not participants in the process of determining incident equipment needs.

If there are any questions regarding the interpretation of the content herein, Suppliers shall seek and accept the guidance of qualified CAL FIRE personnel.

Program Assistance

For assistance with this program, contact the Unit Hired Equipment Coordinator in the Unit where your equipment is stored.

Program Management

Written comments and suggestions for program equipment should be mailed to:

Statewide Hired Equipment Coordinator
California Department of Forestry and Fire Protection
PO Box 944246
Sacramento, CA
94244-2460

Find your Unit contact information here:
https://www.fire.ca.gov/resources/hired-equipment/

Supplier Code of Conduct

Because participation in this program can be hazardous, and because this program functions in service to the State of California and its citizens, CAL FIRE has developed this Code of Conduct, expected of all Suppliers and/or agents of the Supplier, and all other private citizens working within this program while assigned to a CAL FIRE incident. This Code of Conduct is in alignment with that of CAL FIRE personnel.

Suppliers and their agents are expected to read, understand, and, during incident assignments, follow this Code of Conduct:

1. I will accept work with CAL FIRE in good faith, operating in accordance with all applicable Federal, State, and local laws.
2. I will accept responsibility for my actions and for the consequences of my actions.
3. I will exercise common courtesy and consideration of others.
4. I will promptly comply with lawful orders of Department supervision. Immediately notify CAL FIRE of any instance in which compliance with assignment requirements and/or the Hired Equipment Program Supplier Participation Manual is not possible.
5. I will exercise safety, professionalism, competence, respect, and honesty in the performance of my duties.
6. I will safeguard any use of confidential information, gained by virtue of my position, for the purposes of performing the duties I am assigned.
7. I will never possess firearms or any deadly weapon on State or incident property unless I am authorized to do so by the Director of CAL FIRE.
8. I will never use or possess alcohol or any dangerous/restricted substance that is in violation of safety requirements defined herein.
9. I will use State-owned or State-rented resources, such as: safety equipment, facilities, vehicles, etc., only for official State purposes, and always be mindful of safety when utilizing these resources.
10. I will ensure that interpersonal relationships during work time conform to accepted standards of professional conduct.

Any violation of this Code of Conduct may result in sanctions to your CAL FIRE Emergency Equipment Rental Agreement (EERA).

HIRED EQUIPMENT

CHAPTER 2

SUPPLIER REGISTRATION

Unit Contact

To initiate an Emergency Equipment Rental Agreement (EERA) (CAL FIRE-294), interested Suppliers with equipment that meets the standards described herein, and who agree to the identified rates, should contact the Unit Hired Equipment Coordinator who administers the program in the county where the equipment is stored.

Excluded Suppliers

CAL FIRE employees, retired annuitants, and separated employees who have been separated for less than one year are ineligible to participate as Suppliers in the Hired Equipment Program. This rule includes equipment owned by a company in which the employee, retired annuitant, or separated employee has an economic interest.

This prohibition does not apply to businesses operated by the spouse or other relatives of the excluded Supplier, providing the employee neither participates in CAL FIRE's decision to enter into the agreement or contract, nor participates in the spouse or relative's business.

Third Party Contacts

Emergency response entities other than CAL FIRE may request access to the hired equipment Supplier information stored in the Hired Equipment Management System (the database utilized by CAL FIRE to store, track, and maintain EERAs and Hired Equipment Supplier information). In these cases, CAL FIRE may share business name, type, and contact information, to be determined on a case-by-case basis. Except when mission tasked by the Governor's Office of Emergency Services, CAL FIRE shall not be party to any work orders, negotiations, agreements, or financial transactions between the requesting entity and the Suppliers.

Program Assistance

For assistance with the Hired Equipment Program, contact the Unit Hired Equipment Coordinator in the Unit where your equipment is stored.

Program Management

Written comments and suggestions for the Hired Equipment Program should be mailed to:

Statewide Hired Equipment Coordinator
California Department of Forestry and Fire Protection
PO Box 944246
Sacramento, CA
94244-2460

Find your Unit contact information here:
https://www.fire.ca.gov/resources/hired-equipment/

Emergency Equipment Rental Agreement

The Emergency Equipment Rental Agreement (EERA) (CAL FIRE-294), including the General Clauses and Supplemental General Provisions, and in accordance with this Manual, establish the terms and conditions of the hired equipment agreement. An EERA is valid only when all required documentation and signatures are on file with CAL FIRE. The EERA is a pre-incident agreement that becomes a binding contract only upon dispatch to an emergency incident.

When Unit Hired Equipment Coordinators create or amend EERAs, they include only that equipment which is stored within the boundaries of their Administrative Unit. Each Supplier is limited to one EERA per Unit, resulting in a statewide maximum of 21 EERAs. There is not a limit to the amount of equipment a single EERA may include. Equipment limitations include the following:

- Only one Supplier may control any one piece of equipment.
- No equipment may appear under more than one agreement.
- CAL FIRE is under no obligation to include equipment on an EERA; as such, only equipment that is in satisfactory condition will be accepted.

The rates defined herein shall be applied to all EERAs; CAL FIRE shall not enter an agreement with Suppliers who refuse these rates. In the absence of a standardized rate for a specific type of equipment, a rate may be negotiated between the Department representative and the Supplier.

Completing the EERA establishes mutual agreement that upon CAL FIRE request, if the Supplier is willing and available, they shall furnish the equipment listed on the EERA in accordance with the terms and conditions, rates, method of payment, and equipment condition requirements described therein.

Agreement Periods

The EERA period is a three-year term, with an open enrollment period in each of the three years. The open enrollment period is typically November 1 – March 31, but this timeframe is subject to change due to incident activity and other availability issues. Consult with the Unit Hired Equipment Coordinator each year for any changes. EERAs remain in effect for the duration of the EERA period and as long as Suppliers are in compliance with the agreement terms and conditions.

CAL FIRE has no obligation to accept new or amended agreement documentation submitted after the open enrollment period ends. If a Supplier wishes to amend their EERA, CAL FIRE shall make a reasonable attempt to assist the Supplier, but there is no guarantee that any amendment will be accepted outside of the open enrollment period.

EERAs and associated documents should be renewed in full every EERA period. Suppliers are responsible for submitting current copies of insurance policies and other documents with expiration dates to the Unit Hired Equipment Coordinator before the expiration date. Agreements out of compliance will be suspended until current documents are provided.

Incident Only Agreements

Incident Only agreements are completed either when the normal equipment ordering process cannot meet the operational need of the incident, or when requested equipment arrives at incident with an incompliant EERA. In both cases, the agreement is restricted to the hiring incident. Suppliers hired under an Incident Only agreement may pursue a standard agreement during the open enrollment period.

Equipment Owners

CAL FIRE does not conduct business with hired equipment brokers. As such, CAL FIRE requires Hired Equipment Program Suppliers to be individuals, corporations, and/or legal business partnerships that have legal title to, or control of, any equipment that will be covered by the EERA, as defined in California Vehicle Code Section 460. Such legal title or control must be evidenced by bill of sale, incorporation papers, lease agreements, or other legally enforceable documents.

Equipment that is not registered in the name of the Supplier or owned by the Supplier must be controlled and paid for by the Supplier under a written agreement. All vehicle and equipment leases must be signed and dated by both parties and must include terms commonly found in an equipment lease, such as term of the agreement, list of equipment, equipment rates, labor rates, limitations on use and control of the equipment, and responsibility for maintenance and repair.

CAL FIRE uses the Equipment Owner or Broker Declaration (CAL FIRE-157) to verify that:

- Prospective Suppliers are not brokers.
- Small Business (SB) and/or Disabled Veteran Business Enterprise (DVBE) Suppliers are operating in compliance with legal requirements and providing a commercially useful function (CUF).

Suppliers who are unable to satisfy the criteria above will be denied an EERA.

Insurance Requirements

The Supplier shall provide CAL FIRE with documentation validating that all insurance requirements are met. CAL FIRE shall not assume financial responsibility for these insurance policies or any associated costs. Copies of certificates of insurance must also be presented on demand by any CAL FIRE employee; this includes required acceptance inspections at incidents. The policy(ies) must provide additional insurance language as follows:

The State of California and CAL FIRE, their officers, agents and employees are included as additional insured, but only with respect to work performed for the State of California under the contract.

The additional insured endorsement must accompany the certificate of insurance.

Workers' Compensation

Labor Code/Workers' Compensation - Supplier needs to be aware of the provisions which require every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions, and Supplier affirms to comply with such provisions before commencing the performance of the work of the agreement. (Labor Code Section 3700).

Suppliers shall provide copies of Workers' Compensation insurance coverage for operators and/or attendants in accordance with applicable California State Law.

Motor Vehicle Liability

Suppliers shall provide copies of a valid Motor Vehicle Liability insurance policy that covers the vehicle, all drivers and operators of the vehicle, and the intended use of the vehicle under the agreement for the duration of the agreement, or for one year. If valid for one year, the Supplier shall provide the renewal each year of the EERA period. Proof of insurance shall be carried in each vehicle while performing the duties of the EERA, and shall be presented on demand by any CAL FIRE employee.

- This coverage must be in compliance with State of California Vehicle Code mandates, as described in the California Commercial Driver Handbook, which is available online:

  https://dmv.ca.gov/web/eng_pdf/comlhdbk.pdf

Cargo Insurance

Suppliers transporting equipment other than their own shall provide a copy of a valid cargo insurance policy.

Liability Insurance

When an EERA includes hazardous activities, the Supplier must provide a certificate of insurance showing that the Supplier is protected though commercial general liability insurance, and a limit of liability of not less than $1,000,000 per occurrence for bodily injury and property damage liability combined, is presently in effect for Supplier.

HIRED EQUIPMENT

CHAPTER 3

SB/DVBE PARTICIPATION

SB/DVBE Program

The Department of General Services (DGS) manages the Small Businesses (SB) and Disabled Veteran Business Enterprises (DVBE) certification program, authorized by California Governor Executive Orders D-37-01 and D-43-01. These executive orders direct state agencies to award 25% of contract expenditures to SBs and 3% to DVBEs. CAL FIRE is committed to utilizing certified SBs and DVBEs to meet or exceed this direction, channeling local tax dollars back into the state's economy.

Benefits of Registering as an SB and/or DVBE:

- Having one or multiple certifications can benefit businesses as CAL FIRE provides preferential selection to certified Suppliers when filling requests for Hired Equipment resources.
- Declared fire season does not affect the Prompt Payment requirements for SB and/or DVBE Suppliers. This means that in order to avoid late payment penalties, CAL FIRE must issue payment within 45 days of receipt of goods and/or services rather than the 70 days permitted for non-SB and non-DVBE businesses.
- Getting certified is free of charge and can be done online. See the DGS resources in the sidebar to the right.

Requirements for SB/DVBE Suppliers:

Small Businesses must be certified by the Office of Small Business and DVBE Certification (OSDC) in accordance with Title 2, California Code of Regulations Section 1896 et seq.

DVBEs must be certified by OSDC in accordance with Title 2 CCR, Division 2, Chapter 3, Subchapter 10.5, Section 1896.60 et seq.

A copy of the Department of General Services (DGS) OSDC certification is required for all CSB and DVBE Suppliers. The certificate must be attached to the EERA.

SB/DVBE Advocate

CAL FIRE Business Services Office
Attn: SB/DVBE Advocate
P.O. Box 944246
Sacramento, CA
94244-2460
(916) 323-0470
SBDVBE.advocate@fire.ca.gov

DGS Resources

DGS SB/DVBE Website:

https://caleprocure.ca.gov/pages/sbdvbe-index.aspx

Small Business Certification Video:

https://www.youtube.com/watch?v=xMAcwe4B9P8&feature=youtu.be

CAL FIRE SB/DVBE Website:

https://www.fire.ca.gov/resources/sb-and-dvbe-program/

Preferential Selection

Preferential selection applies to Planned Need resources. Preference is determined by assigning Suppliers to tiers, dependent on their number of certifications. There are three tiers of hiring, as follows:

- Tier 1: Hired Equipment Suppliers with current and valid DGS-issued SB and DVBE certifications. This is the priority tier for preferential selection.
- Tier 2: Hired Equipment Suppliers with current and valid DGS-issued either SB or DVBE certification. This is the second priority tier for preferential selection.
- Tier 3: Hired Equipment Suppliers without either certification. This tier is not offered preferential selection.

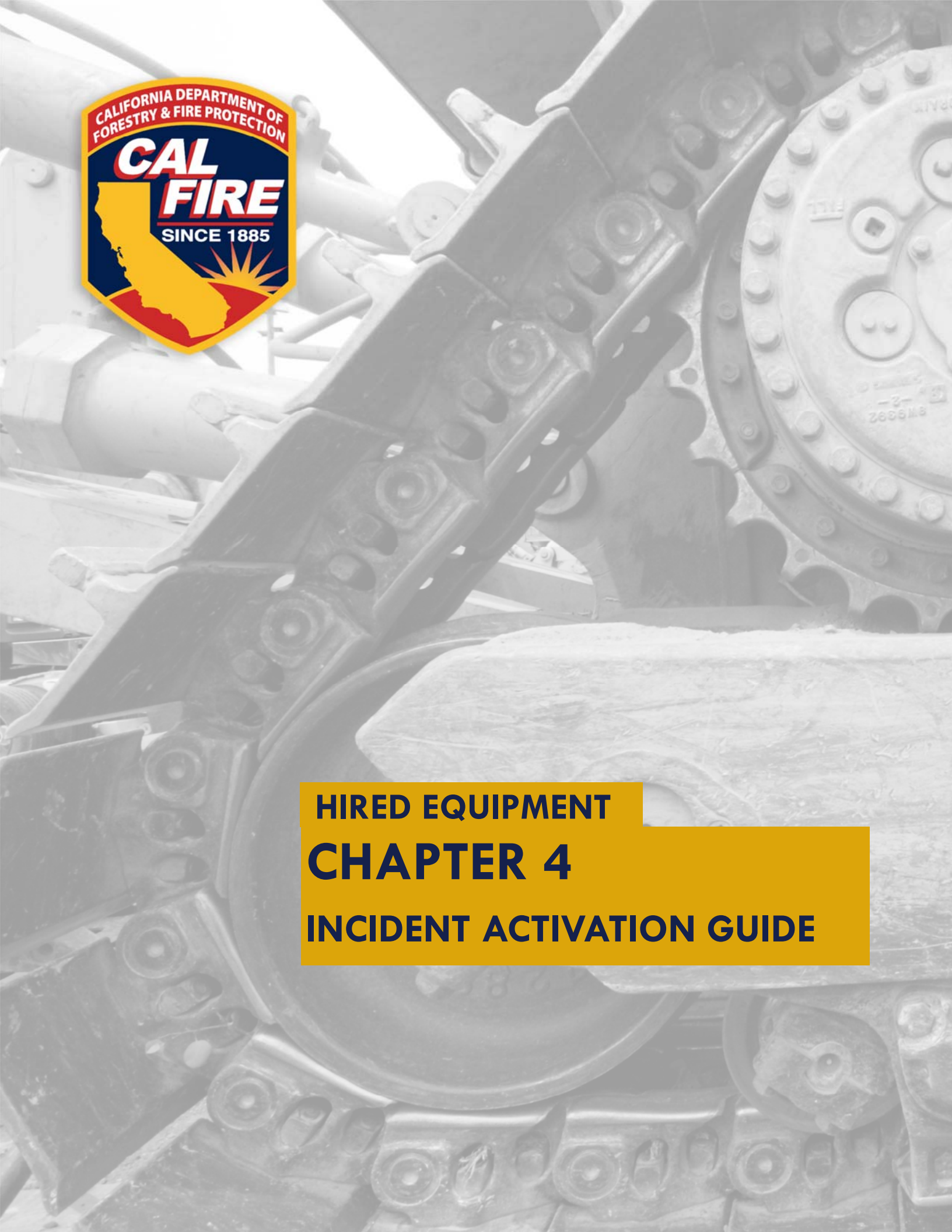
More detailed information about Supplier selection may be found in Chapter 4: Incident Activation Guide.

Suppliers are responsible to ensure that their DGS certifications are valid and renewals are submitted to the Unit Hired Equipment Coordinator(s) who administers their agreement(s). If a Supplier's certification(s) expire, the Hired Equipment Management System (the database utilized by CAL FIRE to store, track, and maintain EERAs and Hired Equipment Supplier information) will automatically place them into the appropriate tier.

For example:

a. A Supplier with both SB **and** DVBE certifications (Tier 1):
   i. When one but not both certifications expire, this Supplier will shift to Tier 2.
   ii. When both certifications expire, this Supplier will shift to Tier 3.
b. A Supplier with only one SB **or** DVBE certification (Tier 2):
   i. When the certification expires, this Supplier will shift to Tier 3.

Suppliers shall be reinstated to the appropriate tier upon providing current and valid certificate(s) to CAL FIRE and the dates are updated in the Hired Equipment Management System.



HIRED EQUIPMENT

CHAPTER 4

INCIDENT ACTIVATION GUIDE

Pre-Hire Directives

It is the responsibility of the Supplier to provide a single dispatch contact telephone number that is available 24 hours per day, 7 days a week, to be used by CAL FIRE to make contact for the dispatch of resources (e.g., telephone, pager, radio paging service, etc.)

Suppliers must not contact CAL FIRE personnel by any means at any CAL FIRE Command Center, facility, incident, or other location for the purpose of offering their equipment for planned or immediate need hire for on-going incidents. This is a time of intense emergency activity; unsolicited contact slows down and disrupts the dispatching process. The only exception to this rule is when a Supplier is returning a missed call.

Suppliers must not respond to emergency incidents without being requested.

All Supplier-owned Equipment shall be clearly marked with the Supplier name and/or logo.

Hired Equipment Selection

CAL FIRE personnel fill incident requests for hired equipment with the most appropriate resource based on the closest resource concept, considering mission-specific requirements and equipment capabilities. The closest resource concept applies to all hired equipment selections, with specified modifications to allow for preferential hiring of Small Businesses (SB) and Disabled Veteran Business Enterprises (DVBE) as described herein.

Suppliers may have multiple EERAs for equipment located throughout the state. To ensure closest resources are requested based on point of hire, only the equipment listed on the specific EERA in the Hired Equipment Management System will be assigned. For example; an incident in Lake County requests 40 tents. A Supplier stores 25 tents in Lake County and 25 tents in Shasta County. CAL FIRE will only request the 25 tents in Lake County for the Lake County incident, and request the remaining 15 tents from closer Suppliers.

Selection of all Equipment Except Fireline Bulldozers and Fireline Water Tenders:

CAL FIRE hires the closest SB and/or DVBE that can meet the need date and time prior to hiring non-SB/DVBE resources. Businesses that have both SB and DVBE certifications are given preference over businesses that have only one certification.

Selection of Fireline Bulldozers and Fireline Water Tenders:

Immediate Need period selection of fireline bulldozers and fireline water tenders is based on the closest resource concept, considering mission-specific requirements and equipment capabilities. Planned Need period requirements do not affect Immediate Need selections.

During the Immediate Need period of an incident, if determined to be the closest resource, fireline bulldozers and fireline water tenders from an ongoing CAL FIRE incident may be reassigned (with Incident Commander approval) to fill another incident's immediate need request. Once the immediate need period of the incident has passed, the resource will return to the original incident if still needed.

Planned Need period selection of fireline bulldozers and fireline water tenders is based on the closest resource concept, considering mission-specific requirements and equipment capabilities with these additional considerations:

Tiered preferential hiring is used to maximize the utilization of SB/DVBE resources. The closest resource shall be selected from each hiring tier, as defined below.

- Tier 1: Hired Equipment Suppliers with current and valid DGS-issued SB **and** DVBE certifications. This is the priority tier for preferential hiring, which must be exhausted before selecting Tier 2 Suppliers.
- Tier 2: Hired Equipment Suppliers with current and valid DGS-issued either SB **or** DVBE certification. This is the second priority tier for preferential hiring, which must be exhausted before selecting Tier 3 Suppliers.
- Tier 3: Hired Equipment Suppliers without either certification. This tier is not offered preferential hiring; these Suppliers are selected only when Tier 1 and Tier 2 are exhausted.

Hired Equipment Ordering

Suppliers will be assigned as many requests as they can fill with the equipment listed on the selected EERA for the type and kind of resource being ordered. CAL FIRE informs the Suppliers of the number and type of each resource being requested at the time of dispatch, and provides Suppliers with one request number for each resource being requested. Suppliers may be contacted by any Unit, in accordance with the closest resource concept.

At the time of contact by CAL FIRE, it is the Supplier's responsibility to notify the Department of the resource's location and any condition that may affect its availability or ability to meet the response time requirement. For immediate need hires, equipment must be en route within an hour of the call. For planned need hires, the dispatching personnel will inform the Supplier of the need date and time of arrival at scene at the time of hire.

CAL FIRE does not rent equipment from any owner who is protecting their own property or interests. As such, it is the Supplier’s responsibility to notify dispatching personnel if this is the case when discussing the details of the assignment.

Equipment is ordered as either a standard or extended shift resource. The Supplier will be informed of the shift requirement when ordered and this will be documented in the resource request. Reduced shifts may also be used for mobilization and demobilization days as determined by the Department.

- Extended Shift: Greater than sixteen (16) hours in service in a calendar day. Equipment is only eligible for an extended rate during a 24-hour assignment.
- Standard Shift: Greater than eight (8) hours and up to sixteen (16) hours in service in a calendar day.
- Reduced Shift: Up to eight (8) hours in service in a calendar day.

Suppliers may be bypassed for assignment for the following reasons:

- Equipment does not meet the type requirements of the request.
- Supplier cannot reasonably meet the needed date and time due to travel distance.
  - Immediate need period fireline bulldozers and fireline water tenders are required to initiate a response within one (1) hour of notification
- Unanswered phone calls.
  - An unanswered call is considered a call.
  - If the Supplier calls back and there is still an unfilled order, the Supplier may be given the opportunity to fill the order.
- Equipment unavailable: A Supplier's equipment is unavailable at the time of request, for any reason.

At the time of dispatch, the Supplier will be provided with a contact telephone number to utilize when contacting the Department. This number will be used to make all contacts and notifications concerning changes in resource status or for any other communication concerning the response.

If, after the time of order, CAL FIRE is advised by the Supplier/operator that the hired equipment will not be able to meet, or if equipment does not arrive at the incident by, the required date and time, the resource can be released and replaced by a resource that can meet the requirement. If a resource which has been released for this reason arrives at the reporting location and there is an operational need, the resource may be retained at the discretion of the Incident Commander.

Equipment and Operator Acceptance at Incident

Operators

Supplier personnel must arrive at the incident in a condition to safely and legally operate the equipment and perform their assigned mission. This condition must be maintained any time the personnel are on duty and performing their assignment.

Drivers required to possess a CDL are subject to the controlled substance and alcohol testing rules under the Omnibus Transportation Employee Testing Act of 1991. Drivers of vehicles transporting an amount of hazardous material that requires placarding are subject to alcohol and controlled substance testing, random testing, reasonable suspicion test, post-accident testing, return to duty testing, and follow-up testing.

The Supplier is responsible to ensure compliance with applicable drug testing requirements for their employees. While performing the duties of their EERA with CAL FIRE, Supplier employees are subject to CAL FIRE rules of conduct and policies of reasonable suspicion and testing for substance abuse.

Equipment

Upon arrival at an incident, or as soon as possible thereafter, incident personnel will inspect each piece of equipment to ensure that the vehicle and operator meet all requirements for complement, capacity, and capability, and that the vehicle and operator are in a condition to work safely.

Any pre-existing damage shall be documented during this inspection. Although it is not a safety inspection, CAL FIRE will reject equipment that is obviously mechanically defective, unsafe, or incapable of executing the assigned task. Equipment without the required minimum complement items may be rejected. Equipment that does not meet performance specifications defined herein shall be rejected. Equipment that does not pass initial inspection may be afforded the opportunity for a second inspection at CAL FIRE discretion.

Request Numbers and Insignia

All hired equipment will display their request number on their equipment for the duration of the incident. Incident personnel should apply this number as soon as the equipment arrives at the incident, in a highly visible location with water-based paint, or with a temporary placard.

Hired equipment that arrives at an incident without a request number will not be employed. Equipment hired under an Incident Only EERA will be issued a request number. Equipment rented at scene is considered un-requested equipment, and must be released within eight hours of hire, including equipment that is covered by an existing EERA.

CAL FIRE does not endorse the use of “Fire Emergency” or a CAL FIRE insignia by Suppliers and shall request that any such signs be removed while performing the duties of the EERA. Operators and associated equipment who refuse to remove such placarding will be released from the incident and the appropriate agreement will be terminated.

Equipment specified herein is required to pass annual safety inspections. CAL FIRE will reject any such equipment which arrives at an incident without proof of successful inspection, including evidence that any noted defects have been corrected. Equipment rejected for this reason must produce this documentation for any subsequent hires.

CAL FIRE shall not issue payment for rejected equipment, nor for any time incurred by the Supplier thereof.

NOTE: For fireline equipment: Temporary exceptions to the annual safety inspection requirement may be made for imminent threat situations when, in the judgment of the Incident Commander, there is an imminent threat to life and/or property and other appropriate resources are not available to meet the immediate need. This temporary exception **does not** constitute an exemption from the annual safety inspection requirement.

NOTE: For potable water equipment: No exemptions are allowed of certification and log-keeping requirements for potable water equipment (DPH Category X – potable water only) used to provide water to personnel.

Agreements Inconsistent with Standards

The rate schedule herein details the standard rates payable for equipment. These rates represent maximum rates to be paid and may not be exceeded without prior written approval from the Deputy Director of Fire Protection. Unit Hired Equipment Coordinators and incident personnel are authorized to negotiate rates for equipment for which a standardized rate has not been published.

Incident personnel are not obligated to accept an EERA that is not consistent with the standard rate structure. In these cases, incident personnel shall advise the Hired Equipment Coordinator for the Unit that issued the EERA and the Statewide Hired Equipment Coordinator of the error and request that the agreement be amended with the correct rates. Incident personnel may:

A. Use the Supplier for the assignment for which they were hired and pay the rates in the original EERA.

B. Offer to issue an Incident Only Agreement for the correct rate.

C. Immediately release the Supplier, completing payment documents for the time assigned to the incident.

Incident Directives

Inmates

The use of inmate labor for Suppliers or by Suppliers is prohibited.

CAL FIRE Supervision

Operators are responsible to recognize the capabilities and limits of the equipment they are operating and communicate them appropriately to CAL FIRE supervision. Operators should refuse assignments beyond the mechanical capability of the equipment or their own ability to perform.

Supervising Incident Personnel are responsible to complete the Emergency Shift Ticket and Evaluation Form (CAL FIRE-297) after each operational period and submit them to incident finance. For shift tickets documenting a substandard performance, the supervisor shall also complete the Supplier Performance Evaluation (CAL FIRE-230). Suppliers, operators, and/or attendants are required to sign the CAL FIRE-297 and CAL FIRE-230 acknowledging receipt. Signature does not constitute agreement. Payment to the Supplier cannot proceed until the supervising incident personnel provides incident finance with a completed and signed shift ticket.

Shift Changes

If the operational needs of the incident allow, CAL FIRE will advise Suppliers and/or operators if the assigned shift the following day is expected to change. If the Supplier objects, then they will be released as soon as conditions permit.

Meals and Sleeping Area

When an incident base or camp is established, meals and sleeping area for equipment operator and other Supplier personnel will be furnished without charge at the incident base. When en route to or from the incident, meals and lodging are the responsibility of the Supplier.

Repairs, Fuel, and Other Deductions

All repairs and replacement are the responsibility of the Supplier, to be made at the Supplier's expense. Repair or replacement must be completed within 24 hours of breakdown. Out-of-service time for repairs of one hour or less within a 24-hour period will not be considered as "off-shift" hours. The State may, at its option, elect to make such repairs when necessary to keep the equipment operating. The charge for mechanic labor when provided by the Department is a flat rate of $150/hour, pro-rated in 30-minute increments. CAL FIRE does not pay for service units that the Supplier uses to service their own equipment.

CAL FIRE hires fuel trucks to provide fuel at incidents so that CAL FIRE and other government vehicles can be refueled without leaving the incident. CAL FIRE prefers that hired equipment operators either furnish their own fuel or purchase it directly from the fuel Supplier at the incident.

If the state furnishes fuel, oil, or lubricant to Suppliers, the transaction shall be posted on the Emergency Equipment Fuel and Oil Issue (OF-304). These charges, plus any costs for mechanics, services, or parts, are also posted on the Forestry Mobile Equipment Work Order (ME-107), and forwarded by the Ground Support Unit to the Finance Section where the costs are deducted from the Supplier's payment.

At the discretion of the Incident Commander, supplies and/or equipment may be issued to Suppliers by the incident Supply Unit. Costs for any accountable firefighting equipment issued to the Supplier and not returned to CAL FIRE shall also be deducted from the Supplier’s payment.

Demobilization

CAL FIRE conducts an equipment damage inspection upon release to document any damage that might have occurred while performing the duties of the EERA. This is not a safety inspection. This inspection may be waived if the Supplier states “No Damage No Claim” on the CAL FIRE payment document during the demobilization process. If a Supplier reports damage to their equipment, the Compensation and Claims Unit at the incident shall process the claim.

Supplier Non-Compliance and Sanctions

Suppliers operating out of compliance with program requirements may be sanctioned. The Statewide Hired Equipment Coordinator is responsible for implementing sanctions on behalf of the Department. Sanctions may result from a single action or a combination of actions on the part of the Supplier and/or their employees.

Supervising incident personnel shall take immediate action to resolve any issues by hired equipment Suppliers and/or their employees that involve safety, productivity, operational effectiveness, or are in violation of the Hired Equipment Program Supplier Participation Manual.

If immediate resolution is not possible, the situation shall be documented in writing and sent to the Statewide Hired Equipment Coordinator, Unit Chief, and Unit Hired Equipment Coordinator for the Unit that generated EERA. The Incident Commander may release hired equipment from the incident for non-compliance issues. In this case, no payment shall be issued for return to point of hire.

Incident personnel shall provide documentation of all hired equipment issues to the Statewide Hired Equipment Coordinator and the Unit Hired Equipment Coordinator of the Unit issuing the EERA for review and possible sanction. The Statewide Hired Equipment Coordinator shall investigate and review the documentation, rendering a decision as soon as possible in a manner consistent with CAL FIRE policy based on the violation.

Reasons for sanctioning include, but are not limited to, the following:

- Contacting any Unit, incident, or other location, to solicit hiring by the Department.
- Responding to an incident without being requested.
- Arriving at incident with unrequested equipment.
- Misrepresentation of response time.
- Failure to arrive at requested time without making contact.
- Misrepresentation of condition or location of equipment.
- Arrival or operation at the incident without protective gear or any other required equipment.
- Unsafe or negligent equipment operation.
- Failure to follow directions or complete assignments or any other failure in performance.
- Any brokering of equipment or equipment cooperatives of any type or manner that circumvents the intent of any part of CAL FIRE policy.
- "Assigning" an issued order and request number to another Supplier, or accepting such an order and request number from another Supplier, except as specifically allowed for transports.

- Misrepresentation of Small Business and Disabled Veteran Business Enterprise status.
- Operating equipment on fireline assignments without the required training.
- Willful violation of fair hiring practices.
- Any other action that violates the intent of the Hired Equipment Program Supplier Participation Manual.
- Misrepresentation of time worked on the incident,
- Civil and/or criminal action.

Sanctions include, but are not limited to, the following:

- Supplier is placed inactive in the Hired Equipment Management System until the identified issue is resolved.
- Supplier is placed inactive in the Hired Equipment Management System for a specified period of time.
- Supplier is placed inactive in the Hired Equipment Management System permanently.

Suppliers may appeal sanctions to the Region Chief with administrative responsibility for the Unit that issued the sanctioned EERA within 15 days of the Statewide Hired Equipment Coordinator's decision.

The Region Chief or designee shall be the final appeal point for any sanctions or other dispute resolution administered by the Statewide Hired Equipment Coordinator. Notice of any sanction upheld, modified, or dismissed shall be forwarded to the Unit Chief, Statewide Hired Equipment Coordinator, Unit Hired Equipment Coordinator, and the Supplier within 30 days of the appeal being received.

HIRED EQUIPMENT

CHAPTER 5

TRAINING AND PERSONNEL REQUIREMENTS

Training Requirements

CAL FIRE requires annual firefighter safety training for all operators of equipment hired for fireline and/or suppression repair assignments.

Specific requirements are outlined in the Fire Service Training and Education Program (FSTEP) Fireline Safety Awareness for Hired Vendors curriculum, approved by the Office of the California State Fire Marshal, State Fire Training Program. Each operator who successfully completes the required annual training is issued a course completion card valid for one year from the class completion date. Operators shall retain this course completion card, and present it to incident personnel upon request. Incident personnel shall verify that all operators operating equipment under an EERA have a copy of the safety training completion card in their possession.

Fireline Equipment:

- Bulldozers
- Bulldozer Transports
- Water Tenders
- Faller/Swampers
- Excavators
- Graders
- Backhoes
- Chippers
- Skidders
- Skid-gines
- Feller Bunchers
- Track Skidsteers
- Specialized Module/Pickup Drivers
- Relief/Bus Drivers
- All other equipment that may perform fireline or suppression repair assignments.

FSTEP Curriculum:

https://osfm.fire.ca.gov/divisions/state-fire-training/fstep-curriculum/

Requirements for Operators and Other Personnel:

All Hired Equipment Program participants shall adhere to and function in compliance with any applicable Federal, State, and local laws.

Operators of hired equipment shall be hired with their equipment on a CAL FIRE-294 and remain employees of the Supplier or independent subcontractors of the Supplier. When assigned to an incident; operators, drivers, technicians, and other Supplier personnel are prohibited from working 24-hour shifts. As such, extended shifts of 24 hours require multiple personnel to be adequately staffed. Suppliers shall provide sufficient qualified operators, drivers, technicians, and staff to maintain compliance with this Manual, driving hour limitations, and any applicable Federal, State, and local laws. Suppliers shall provide additional staff as needed, according to the operational needs of the incident and at the discretion of the Incident Commander.

Equipment operators and/or attendants shall be a minimum of 18 years of age.

Clear communications are essential for safe and effective performance. All Supplier personnel shall be able to fluently communicate in English (both written and verbal).

Driver's License: All operators of vehicles covered by the EERA must possess a current driver's license appropriate for the type of vehicle being operated. Operators of any motor vehicle or combinations having a Gross Vehicle Weight Rating (GVWR) of more than 26,000 lbs. must have a Commercial Driver's License (with any/all endorsements required by law), valid for the State of California.

Driver's licenses must be presented upon request of any CAL FIRE employee seeking to verify that the operator is currently licensed to operate the subject vehicle.

Driving limitations: Drivers of hired equipment are not exempt from the limitations on driving hours or the logbook requirements of the Federal Motor Carrier Regulations, Code of Federal Regulations, Title 49, Part 295, and the California Motor Carrier Safety Regulations, Title 13, Section 1212.

CAL FIRE shall not apply the firefighting exemption in CVC 34501.2(b)(4) to operators of privately owned commercial vehicles; drivers of privately owned regulated vehicles must adhere to the applicable commercial driving regulations.

HIRED EQUIPMENT

CHAPTER 6

PERSONAL PROTECTIVE EQUIPMENT

PPE Standards and Requirements for Equipment Operators

Standards:

Operator personal protective equipment (PPE) shall comply with applicable Cal/OSHA requirements and the following regulatory standards:

- NFPA 1977 Standards
- ASO 9001 Quality Manufacturer Certification
- California Code of Regulations Title 8, Section 3410–Wildland Fire Fighting Equipment Standards
- Helmets must meet or exceed ANSI Z89.1-1969

Minimum Required PPE:

PPE requirements are determined by the CAL FIRE Safety Program. At the time of hire and for the duration of the incident, each equipment operator shall possess and maintain the minimum PPE listed below. Supplier's PPE shall not display any "Fire Department" logos or markings.

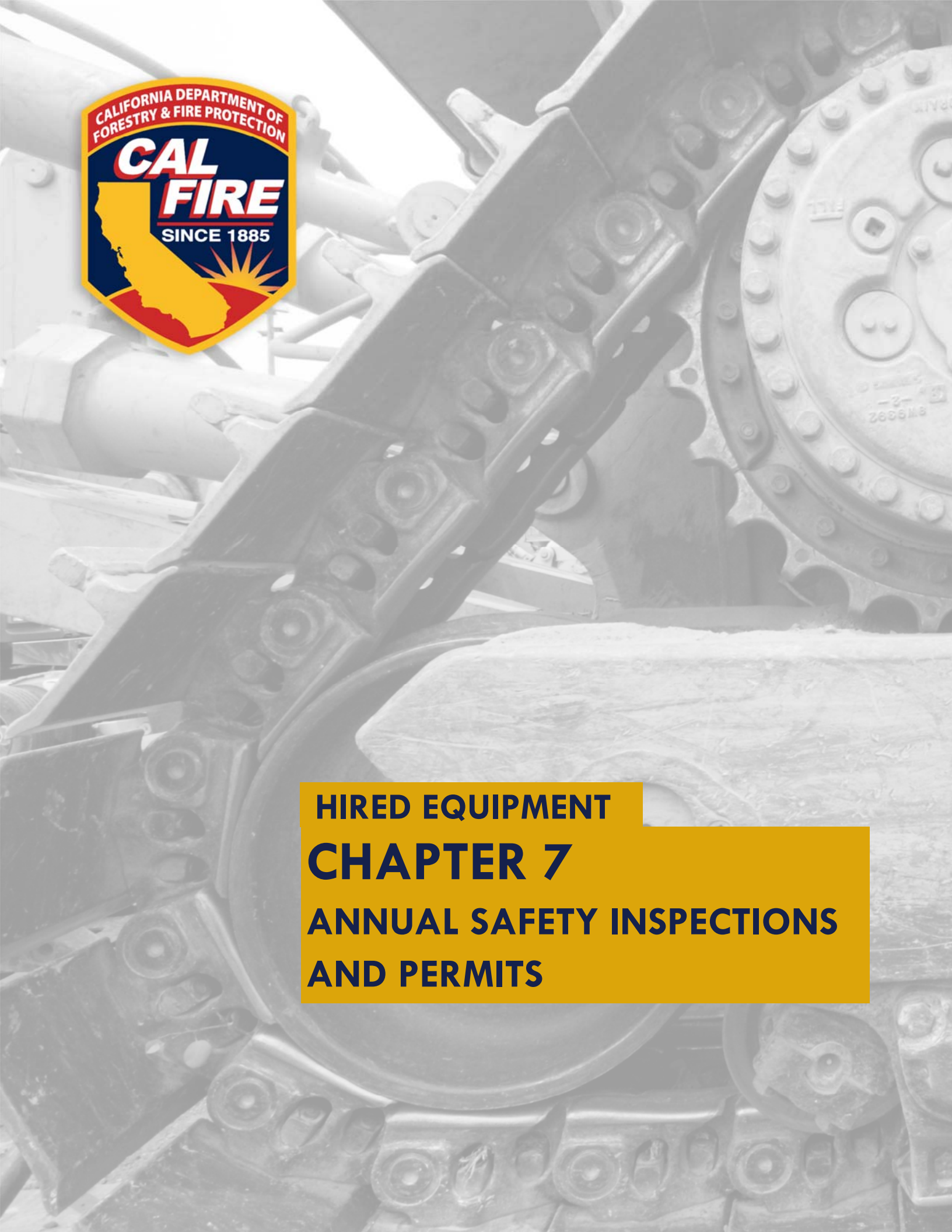
- One (1) hard hat
- One (1) pair goggles
- Gloves
- Lace-up leather boots
- One (1) flashlight (for night operations)
- One quart drinking water per hour per person

PPE for Fireline Assignments

In addition to the minimum mandatory PPE, each operator assigned to fireline equipment shall possess and maintain the fireline PPE listed below at the time of hire and for the duration of the incident. This includes relief operators traveling to and from fireline assignments and incident base. Supplier's PPE shall not display any "Fire Department" logos or markings.

Additional Mandatory Fireline PPE:

- One (1) hard hat: plastic, Class B, ANSI Z89.1, OSHA approved, with chin strap
- Goggles: one (1) pair per person, Cal/OSHA approved for wildland firefighting
- Firefighter gloves: minimum one (1) pair in good condition per person, Cal/OSHA approved for wildland firefighting. Replace as needed due to wear and tear while assigned.
- Boots: leather, lace-up type, minimum 8 inches high with lug-type soles in good condition. Steel toe boots are not acceptable.
- Nomex shirt, trousers, and face shroud: Cal/OSHA approved
- One (1) fire shelter: USFS approved
- One (1) flash light or head lamp with batteries
- One (1) quart drinking water per hour per person
- One (1) radio, refer to form FC-100R for minimum radio specifications. (Proof of annual frequency and deviation inspection by a manufacturer's authorized warranty repair technician is not required.) Fireline supervisors shall confirm with hired equipment operators that radios are operating properly to maintain communication during assigned shifts.



HIRED EQUIPMENT

CHAPTER 7

ANNUAL SAFETY INSPECTIONS AND PERMITS

Permits

Suppliers are responsible for obtaining any transportation permits required by regulatory agencies at no additional cost to CAL FIRE. If a Supplier is unable to secure the necessary permits due to permit offices being closed, the Supplier shall use the 24-hour permit office contact numbers. CAL FIRE may assist in contacting the permitting agency and attempt to facilitate the emergency issuance of the required permits. It is the Supplier's responsibility to follow up with the permitting agency on the next business day to submit the necessary documentation and to pay any permit fees. CAL FIRE will not pay a Supplier for the time required to obtain a permit.

Vehicle License

In order to be included on an EERA, vehicles must be currently legally licensed to operate for the type of use intended by the EERA. Licenses may be issued by California or by another state. Vehicles must additionally meet applicable requirements for commercial vehicles, non-commercial vehicles, or Special Equipment (SE) vehicles. Vehicle licenses must be current any time equipment is assigned to an incident or providing station coverage.

Caltrans Permit Office

The Caltrans Permit Office has established 24-hour points of contact.

- Inquiries: 916-653-3442
- Fax: 916-653-3291

Caltrans website:

https://dot.ca.gov/

Annual Safety Inspections

All privately-owned vehicles requiring commercial drivers' licenses and with 26,001 lbs or greater GVWR, or at the discretion of the CAL FIRE Hired Equipment Coordinator, under agreement with CAL FIRE shall be safety-inspected annually. CAL FIRE personnel shall verify this inspection has occurred prior to hire each year. This includes California SE-licensed vehicles, commercially licensed vehicles, and vehicles registered in other states. Proof of Inspection under the Biennial Inspection of Terminals (BIT program) is **not** acceptable. CAL FIRE shall accept an inspection as valid for one year only. An inspection date greater than twelve months prior shall be rejected.

All water tenders and other vehicles and equipment meeting these criteria, regardless of vehicle registration type, must:

- Carry a copy of the inspection in the vehicle
- Provide a copy to the CAL FIRE Unit that issued the EERA

CAL FIRE personnel shall not perform this inspection. All costs are the Supplier's responsibility. The inspection shall meet the criteria found in Federal Motor Carrier Safety Regulations Part 393; Parts and Accessories Necessary for Safe Operation, 393.1 through 393.209; and Title 49, Parts 40, 325, 350 and 399; and the California Vehicle Code, Division 14.8; 34500 Safety Regulations; and California Code of Regulations Title 13. Proof of inspection for the current fire season must be on file with the Unit Hired Equipment Coordinator prior to setting the Supplier status to "active" in the Hired Equipment Management System. This inspection must be performed by a facility licensed in the State of California as a commercial motor vehicle repair and maintenance facility, or by the CHP Commercial Division.

An independent commercial motor vehicle repair facility DOT inspection form is acceptable. The form must be legible and include the following information:

- The shop's address and telephone number
- The vehicle's identifying numbers (license and vehicle identification numbers)
- The inspection form must address all critical items identified in the regulations listed above
- Itemize completed repairs (if applicable)

CHP 407F, Safetynet Driver/Vehicle Inspection Report form is also acceptable.

CHP 108, Truck and/or Tractor Maintenance & Safety Inspection **shall not be accepted** as the safety inspection.

HIRED EQUIPMENT

CHAPTER 8

EQUIPMENT STANDARDS, REQUIREMENTS, & RATES

Rate & Payment Admonitions

The rates identified herein are maximum rates to be paid and may not be exceeded without prior written approval from the Deputy Director of Fire Protection. Equipment-specific payment admonitions are included as needed.

Hired Equipment Shift Rates

Unless otherwise noted, hired equipment is issued one of three rates as determined by shift type: reduced, standard, and extended.

A. Rates are determined based on the number of hours that the equipment is in service and under CAL FIRE command in a calendar day.

   1. Reduced rate: Rate paid for up to eight (8) hours in service in a calendar day.
   2. Standard rate: Rate paid for greater than eight (8) hours and up to sixteen (16) hours in service in a calendar day.
   3. Extended rate: Rate paid for greater than sixteen (16) hours in service in a calendar day. Equipment is only eligible for this rate when ordered as a 24-hour resource.
   4. If the rate for a piece of equipment is $10 or less, then that rate shall not be split into the reduced, standard, and extended rates structure.
   5. Equipment shall not be paid in excess of 24 hours in a calendar day. Payment for overlapping travel time to and from the incident base, motel, etc. is not allowed.

B. On mobilization and demobilization days, “hours in service” includes transit to and from the incident.

   1. To prevent multiple payments for the same time frame and Suppliers working over the time allowed, if a Supplier works multiple incidents in a single calendar day, only one (1) incident shall issue payment for that day, to be determined by the Time Unit personnel of the incidents. If a Time Unit has not yet been established at one or more of the incidents, the Finance Section Chief or Agency Representative is permitted to complete this task.

C. Hours in service includes time spent in staging during the assigned shift.

Wet and Dry Rates

Unless otherwise noted, all rates are “wet”.

A. Wet rates include: depreciation, indirect ownership costs, major overhaul cost, labor and parts for routine maintenance and repair, transportation, pilot vehicles, operators, PPE, fuel, lubricants, and operating supplies necessary for the equipment to perform as ordered.

Rate & Payment Admonitions

Wet and Dry Rates, continued

B. Service vehicle(s) and service personnel are included in the rates.

C. Equipment hired “dry” does not include operators or fuel; CAL FIRE shall provide these as necessary for the equipment to perform as ordered. All other costs shall remain the responsibility of the Supplier.

Negotiated Rates

Unit Hired Equipment Coordinators and incident personnel are authorized to negotiate rates for equipment for which a standardized rate has not been published. These rates will be captured in a negotiated agreement.

Exceptions

Exceptions to the rates herein are:

A. Equipment from governmental agencies with which CAL FIRE has a cooperative fire protection agreement.

B. Equipment from commercial leasing firms for which no standard rate has been established.

C. When equipment is hired under Unified Command, the agreement terms of the ordering agency shall apply.

Bulldozers

Bulldozer Complement: Required

- Serviceable seatbelts
- Backup alarm, minimum 97 decibels (dB)
- Safety belt in serviceable condition
- Roll Over Protection System (R.O.P.S.) with heavy mesh screens on rear and on rear half of sides (Minimum ¼" mild steel woven wire screen (or equivalent) with 2" openings is recommended). This includes tractors with glass-enclosed environmental cabs.
- Protective fire curtains inside of R.O.P.S. on sides, front, and rear; constructed from Gentex 1014 Aluminized Fabric stitched with yellow nomex thread and fire resistive Velcro (FR) Cotton fiber webbing or equivalent materials.
- Lights, 4 front and 2 rear
- Belly pan
- Radiator guard
- Sweeps
- 2A10BC fire extinguisher
- Shovel
- Axe or Pulaski
- Flashlight
- Radio (refer to form FC-100R for minimum radio specifications)
  - If hand-held, operator must keep the radio within hearing distance at all times during the shift. If mounted, the radio must have an external speaker audible whenever the operator is outside the equipment cab.
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual.

Bulldozer Complement: Recommended

- Rock guards

Bulldozers: Special Assignments

These assignment types require a bulldozer, transport, and a sufficient number of operators to meet the needs of the requested shift.

Preposition and Station Coverage Assignments: These assignments provide standby hired equipment for an immediate response, “initial attack” firefighting capability at a preposition location or CAL FIRE station. These assignments are considered immediate need. Units shall attempt to alternate Unit Suppliers equally for station coverage assignments; as such, closest resource is not required for these requests. Resources can be ordered for a Standard or Extended shift.

Strike Team Assignments: These assignments provide a hired equipment bulldozer, transport, and operators to work with a CAL FIRE bulldozer and transport in a “bulldozer strike team” configuration. Strike Team resources shall be ordered for an Extended Shift. Transports ordered for strike team assignments shall be compensated for the entire duration of hire (until the strike team assignment is terminated and the transport/ bulldozer combination has returned to its point of hire).

NOTE: Preposition, Station Coverage, and Strike Team assignments do not change the agreement between Suppliers and CAL FIRE; all federal, state, and local driving regulations still apply, equipment is provided “wet,” and all operator meals and lodging while traveling to and from an assignment remain the responsibility of the Supplier, not CAL FIRE.

CAL FIRE provides a sleeping area and meals only at established base camps in accordance with Clause 10 of the Emergency Equipment Rental Agreement (EERA) (CAL FIRE-294).

NOTE:

ICS Type I bulldozers should not be used for strike team and station coverage. Bulldozers indicated by Unit Hired Equipment Coordinators as “local use only” shall not be hired for station coverage. Private bulldozers covering State fire stations are expected to respond to Out-of-Unit requests if so dispatched.

Bulldozers

Bulldozer classification is determined by manufacturer's net engine horsepower (HP) rating as verified by model number. CAL FIRE does not permit bulldozer horsepower increase (repower) to adjust the rate.

Manufacture Specifications:

https://www.ritchiespecs.com/manufacturers

Incident Command System (ICS) Type	HP	Reduced Rate	Standard Rate	Extended Rate
ICS Type I	220+	$1,885.00	$3,771.00	$5,657.00
ICS Type II	120 – 219	$1,212.00	$2,425.00	$3,638.00
ICS Type III	62 – 119	$858.00	$1,716.00	$2,575.00

Tractors & Transport Combinations

Tractors and transport combinations shall include the following equipment:

- Record of safety inspection within the past 12 months
- Department of Transportation (DOT) standard reflectors – set of three
- Seat belts
- Mounted fire extinguisher (2A10BC or better)
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Pilot Vehicles

Suppliers must provide pilot vehicle(s) when required by permitting agencies and/or Federal, State, or local law.

- Pilot vehicles shall maintain established communications with the vehicle they are piloting.
- Pilot vehicles shall meet the same General and/or Fireline requirements required by the vehicle they are piloting.
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

NOTE: Pilot Vehicle(s): When required by regulations of the State of California, Department of Transportation, the Supplier shall provide pilot vehicle(s) and operator(s) at no additional cost to CAL FIRE. Pilot vehicles associated with transports are often used by the Supplier as a service unit or operator shuttle vehicle. This use is not billable to the state, since payment for this service is already included in the transport rate.

Tractors & Transport Combination Rates

Tractors

Configuration	Reduced Rate	Standard Rate	Extended Rate
Tractor, 3-axle	$592.00	$1,183.00	$1,775.00
Tractor, 2-axle	$478.00	$956.00	$1,435.00

Transport Combinations

Configuration	Reduced Rate	Standard Rate	Extended Rate
3S2 Combination (26+ wheels)	$970.00	$1,939.00	$2,909.00
3S2 or 3S3 Combination (18–22 wheels)	$895.00	$1,789.00	$2,684.00
3S1 or 2S2 Combination (14–16 wheels)	$693.00	$1,386.00	$2,079.00
2S1 or 2S2 Combination (8-12 wheels)	$492.00	$983.00	$1,475.00
Light Duty up to 26,000 GVWR 1.5 tons or less w/ trailer	$379.00	$758.00	$1,137.00

Water Tenders

Weight Certification

- Water tender rates are determined by the amount of water the water tender can carry when legally loaded on California highways per the California Vehicle Code. (CVC).
- At the time the agreement is prepared, the Supplier shall provide weight certificates showing the loaded (gross) weight of each axle/group, and empty (tare) weight of the vehicle. The certificates must be issued from a certified scale and dated within the previous 90 days.
- The Supplier shall provide confirmation to CAL FIRE that the gross vehicle weight is within California Vehicle Code (CVC) legal weight limits.
- If the vehicle is within the CVC maximum legal weight limits, CAL FIRE will deduct the tare weight from the gross weight and deduct 265 pounds for the weight of the driver and personal gear. This adjusted net weight is the maximum legal weight of the water that can be carried by the water tender. CAL FIRE will then divide adjusted net weight by 8.34 to determine the maximum gallons that the water tender can carry.
- The Supplier must demonstrate that the load is balanced so that all axle weights comply with the California Vehicle Code legal weight ratings and maximum gross vehicle weight rating, or CAL FIRE will not generate an agreement for that equipment.

Water Tenders

All water tenders must meet these standards and possess the equipment complement below. Additional requirements are provided for fireline water tenders in the next segment.

Equipment standards for all water tenders: Including fireline water tenders, potable water tenders, and "grey" water tenders:

- Shall arrive at incident legally loaded with water and ready for immediate assignment. CAL FIRE shall provide a water source for the second and all additional loads required for the duration of the incident. (Grey water tenders arrive at incident unladen.)
- Water tanks shall be baffled, meeting the standards of National Fire Protection, American Society of Mechanical Engineers, or other industry-accepted engineering standards. (Potable water trucks are not baffled to facilitate sanitizing.)

Water Tenders

- Water tenders shall be configured in such a manner that the vehicle center of gravity is within the design limits of the equipment. When loaded (including operators and accessory equipment), water tenders shall conform to the California Vehicle Code maximum legal weight, as described in the weight certification section above. This includes balancing the load in a manner so that all axle weights comply with the manufacturer's gross axle weight ratings. Loaded and empty weight certificates are required to correctly calculate the water capacity of the water tender.
- Water tenders shall be equipped with a back-flow protection device for hydrant filling. An air gap between the hydrant fill and the top of the tank is acceptable.

All Water Tenders must be equipped with the following minimum equipment, and safety items:

- Serviceable seatbelts
- Department of Transportation (DOT) standard reflectors (set of three)
- Fire extinguisher, rated 2A10BC or better
- Chock blocks of appropriate size for tire diameter
- Flashlight
- Electronic backup alarm, minimum 97 dB
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Water Tenders with SE Plates

All standards, equipment complement, and other requirements equally apply to SE-plated water tenders.

Fireline Water Tenders

In order to be included in an EERA with CAL FIRE, fireline water tenders must meet or exceed the following requirements:

- Minimum useable capacity shall be 1,000 gallons.
- Water tanks shall be baffled.
- Water tender shall be equipped with a back-flow protection device for hydrant filling.
- Pump: Minimum capacity of 200 gpm. Pump must be driven either by power-take-off or auxiliary engine drive. Auxiliary engine-driven pump assemblies must be permanently mounted and plumbed to the tank, discharge, and suction outlets. Supplier must demonstrate that the pump can draft water to fill the tank. A portable pump may be used for filling. The portable pump must meet the gpm requirements identified in the rate table on the following page, according to type. Additional pumps used for filling purposes are not entitled to additional compensation.
- Discharge fittings: Water tender must have one (1) each 2.5" connection with gated wye to two (2) each 1.5" NH connections and one (1) 2.5” discharge. Gravity discharge outlets, except the dump valve, are not acceptable.
- Road Spraying: The water tender must have road spraying capability, either forward- or rear-facing.
- Suction fittings: The pump shall be plumbed with one (1) or more 2.5" or 3" National Hose (NH) thread connections to allow drafting and filling from a non-pressurized source such as a pond, river, or stream to refill the tank.
- Water tender shall be equipped with a minimum 24 feet of appropriate diameter hard suction hose with a screened foot valve or strainer.

Additional Equipment:

- One hundred (100) feet 1.5” serviceable wildland fire hose with nozzle
- One (1) 1-inch combination fog/straight stream nozzle with 1.5" NH to 1" NPSH reducer
- One (1) 2.5” soft suction hose (fire hose), minimum 25 feet long, with NH couplings
- One (1) fire hose clamp for 1.5” diameter fire hose
- One (1) hydrant wrench
- One (1) axe or Pulaski
- One (1) shovel
- Two (2) 1.5" gated male NH discharge outlets or gated wye
- One (1) hard suction hose, minimum 24' long, with 2.5" or 3" connections

Fireline Water Tenders

Additional Equipment, continued:

- Radio (refer to form FC-100R for minimum radio specifications)
  - If hand-held, operator must keep the radio within hearing distance at all times during the shift. If mounted, the radio must have an external speaker audible whenever the operator is outside the equipment cab.
- PPE identified in Chapter 6: Personal Protective Equipment of this manual.
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Water Tender Rates

Rates are determined by legally loaded tank capacity. Water tenders with Special Equipment registration plates (SE) will be issued the applicable water tender rate.

Unit Type	Min. Tank Vol. (gallons)	Min. GPM	Reduced Rate	Standard Rate	Extended Rate
Type I	2,500+	200	$1,029.00	$2,057.00	$3,085.00
Type II	1,000 – 2,499	200	$931.00	$1,861.00	$2,792.00
Portable tanks	1,000	N/A	$33.00	$67.00	$100.00
Portable pump	N/A	125	$33.00	$67.00	$100.00

Compressed Air Foam Systems (CAFS)

Compressed air foam systems are to be paid the appropriate water tender rate, plus the CAFS rate, for the hours the CAFS is used as directed by the fire line supervisor. The Supplier shall be compensated for foam agent for CAFS and natural air aspirating systems at the current market price, or shall be replaced "In Kind" by the government. "In Kind" replacement foam agents may or may not be from the same manufacturer as provided by the Supplier.

Water tenders equipped with CAFS shall have an air compressor (or air source), water pump, and foam agent. Operator shall be able to demonstrate system operation. Water tenders with CAFS shall:

- Have one gpm per cubic feet/minute (cfm) at the pounds per square inch (psi) rate required of the compressor
- Be capable of foam injection into waterline at variable controlled ratios on the discharge side of the pump
- Have system capable of full foam delivery within sixty seconds after being engaged
- Have a minimum of twenty gallons of foam agent

Cubic Feet Per Minute (CFM)	Hourly Rate
201+ CFM @ 200 psi	$92.00
121 – 200 CFM @ 175 psi	$78.00
86 – 120 CFM @ 150 psi	$61.00
51 – 85 CFM @ 150 psi	$46.00
35 – 50 CFM @ 150 psi	$28.00

Natural Air Aspirating Foam Systems (NAAFS)

Water tenders with natural air aspirating foam systems shall:

- Be equipped with aspirating nozzle
- Have a minimum of twenty gallons of foam agent
- Not require an air compressor

Water tenders with natural air aspirating foam systems shall be paid the appropriate water tender rate, plus the natural air aspirating foam system rate per day for the days the foam system is requested as directed by the ordering agency supervisor. The natural air aspirating foam system rate is $150/day and shall not be prorated for less than a day.

NOTE: Above rates apply only to water tenders equipped with foam systems.

Water Trailers

All water trailers must meet these standards and possess the equipment complement below.

- Shall arrive at incident legally loaded with water and ready for immediate assignment. CAL FIRE shall provide a water source for the second and all additional loads required for the duration of the incident.
- Water trailers; except potable water trailers; shall be baffled, meeting the standards of National Fire Protection, American Society of Mechanical Engineers, or other industry-accepted engineering standards. (Potable water trailers are not baffled to facilitate sanitizing.)

If included, pumps must meet the following:

- Minimum capacity of 200 gpm. Pump must be driven either by power-take-off or auxiliary engine drive. Auxiliary engine-driven pump assemblies must be permanently mounted and plumbed to the tank, discharge, and suction outlets. A portable pump may be used for filling. The portable pump must meet the gpm requirements identified in the rate table on the following page, according to type. Additional pumps used for filling purposes are not entitled to additional compensation.

Water trailers are typically utilized as a stationary water source. Transportation of the trailer shall be for the haul-in and haul-out at the appropriate 2-3 axle tractor rate. Water trailers with or without dedicated tractors are not considered “Fireline Water Tenders.”

For transport payment purposes, water trailers (potable and non-potable) have been divided into three categories:

- 4,000+ gallon: transport receives the 3-axle tractor rate.
- 1,500–3,999 gallon: transport receives the appropriate 2- or 3- axle tractor rate.
- 1,000–1,499 gallon: transport receives the 2-axle tractor rate.

Water trailers shall be configured in such a manner that the vehicle center of gravity is within the design limits of the equipment. When loaded (including operators and accessory equipment), water trailers shall conform to the California Vehicle Code maximum legal weight. This includes balancing the load in a manner so that all axle weights comply with the manufacturer's gross axle weight ratings.

Water trailers shall be equipped with a back-flow protection device for hydrant filling. An air gap between the hydrant fill and the top of the tank is acceptable.

Water Trailers

All Water Trailers must be equipped with the following minimum equipment and safety items:

- Department of Transportation (DOT) standard reflectors (set of three)
- Fire extinguisher, rated 2A10BC or better
- Chock blocks of appropriate size for tire diameter
- Flashlight

Water Trailers with SE Plates

All standards, equipment complement, and other requirements equally apply to SE-plated water trailers.

It is the Supplier's responsibility to ensure that the equipment meets these standards or specifications.

NOTE: If an ordered water trailer arrives at the incident without the required minimum safety items, required equipment or appliances, and does not meet the specifications for pump, plumbing, buildup, etc., the water trailer shall be rejected. When rejected, no payment will be made for any time incurred by the Supplier and the equipment shall not be hired on the incident.

Water Trailer Rates

The tractor-trailer combination is expected to retain the tractor for the duration of the assignment. The tractor receives the standard tractor rate.

Gallons; w Pump	Reduced Rate	Standard Rate	Extended Rate
4,000+	$385.00	$770.00	$1,156.00
1,500 – 3,999	$240.00	$480.00	$720.00
1,000 – 1,499	$144.00	$289.00	$433.00
Gallons; w/o Pump	**Reduced Rate**	**Standard Rate**	**Extended Rate**
4,000+	$144.00	$289.00	$433.00

Fuel Tenders & Trailers

Fuel trucks and trailers shall be fully registered as a commercial vehicle and be current with all DOT, Environmental Protection Agency (EPA), and state inspection requirements. The truck's fuel dispensing system must be designed to prevent the wrong product being dispensed; such as gasoline being introduced into a diesel-powered vehicle due to the dispensing system not being completely drained from the previous fueling. A separate dispensing system for each product carried on the fuel tender is preferred. Each pump shall have affixed the current year's weights and measures certificate from their home administrative county.

Suppliers shall only be permitted to provide/distribute clear road fuel; red dyed, off-road (agricultural) fuel is not permitted.

Fuel truck and trailer operators are responsible for containing and disposing of fuel spills. Special attention must be paid to hazardous materials concerns such as leaky fuel nozzles, tanks, etc.

Equipment Requirements for Fuel Trucks and Trailers:

- Department of Transportation (DOT) standard reflectors (set of three)
- Fire extinguisher, rated 2A10BC or better
- Chock blocks of appropriate size for tire diameter
- Flashlight
- Electronic backup alarm, minimum 97 dB
- Spill Kit
- Secondary containment for dispensing area
- No Smoking signs posted on front, rear, and sides
- Finance Section-approved fuel prices posted on front, rear, and sides
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Fuel Tenders & Trailers

Fuel Tenders

Tank Volume (gallons)	Reduced Rate	Standard Rate	Extended Rate
2,500+	$1,126.00	$2,252.00	$3,378.00
1,500 – 2,499	$1,028.00	$2,056.00	$3,084.00
1,000 – 1,499	$1,012.00	$2,024.00	$3,036.00
90 – 999	$200.00	$400.00	$600.00

NOTE: Propane truck or tank rates shall be negotiated and shall not be calculated based upon the water tender rate(s).

Fuel Trailers

Fuel trailers shall be accompanied by the necessary complement of attendants to meet the assigned shift need.

Tank Volume (gallons)	Reduced Rate	Standard Rate	Extended Rate
2,500+	$1,000.00	$2,000.00	$3,000.00
1000 – 2499	$667.00	$1,333.00	$2,000.00
Less than 1,000	$333.00	$667.00	$1,000.00

Faller Modules

Faller Modules require two persons: either one (1) faller and one (1) swamper, or two (2) qualified fallers.

Fallers are assigned to specialized tree falling operations or burning trees greater than 24" in diameter at breast height (DBH). Fallers shall utilize saws of 67 cubic centimeters (cc) or greater.

Prior to generating an EERA with a faller, the Supplier must show evidence that they are qualified. Such evidence may be in the form of references from former employers, customers, government forest practice foresters, licensed timber operator, or sale administrators who can provide verbal or written verification of the faller's ability to fall and buck trees exceeding 24" DBH. If experience as a faller cannot be verified, CAL FIRE shall not generate an agreement.

The faller shall have the following minimum equipment:

- Chain saw at least 67cc, with spark arrestor, chain brake, and on/off switch
- Saw tool kit
- Falling axe and wedges
- Chaps
- Radio (refer to form FC-100R for minimum radio specifications)
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Swampers are utilized to carry the faller's equipment and assist with falling operations.

Fallers and Swampers shall be treated as Suppliers and shall provide all equipment necessary to perform their function: chainsaw, transportation, and PPE for the Faller(s) and/or Swamper. The Supplier shall be responsible for the safe condition, operation, maintenance, and fueling of their equipment and vehicle.

Faller Module	Reduced Rate	Standard Rate
Two-Faller Module	$1,045.00	$2,090.00
Faller with Swamper Module	$908.00	$1,815.00

Special Vehicle Modules

Special vehicle modules are vehicles with an operator used to haul supplies, equipment, and personnel. These modules shall include the following:

- DOT reflectors set of 3
- Flashlight
- Rope/Tie down straps (pickups and stake sides)
- Fire extinguisher 1A10BC minimum
- One (1) radio, refer to form FC-100R for minimum radio specifications. (Proof of annual frequency and deviation inspection by a manufacturer's authorized warranty repair technician is not required.) Fireline supervisors shall confirm with hired equipment operators that radios are operating properly to maintain communication during assigned shifts.
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Module rates are to be used when vehicles are rented to haul supplies and personnel. Mileage greater than 150 miles per day will be paid at the current Internal Revenue Service (IRS) mileage rate. Mileage from and return to the domicile location will be paid only once per incident.

Special vehicles obtained from commercial leasing firms shall not be hired using rates from the hired equipment rental rate schedule. The State shall pay a commercial leasing firm their standard rate based upon an itemized billing. It should be emphasized that the State will not honor payment for insurance coverage for rented or leased vehicles obtained from a commercial equipment or leasing company. When hiring equipment from such firms, invoiced charges shall not include insurance coverage offered by the firm.

Please find the rate table on the following page.

Module Vehicle Type	Reduced Rate	Standard Rate	Extended Rate	Remarks
Stakeside, 20501+ GVWR	$441.00	$881.00	$1,322.00	
Stakeside, 11001-20500 GVWR	$336.00	$672.00	$1,008.00	
Stakeside to 11000 GVWR	$272.00	$543.00	$815.00	
Carryall 4x4, 3/4 ton	$206.00	$411.00	$617.00	Expedition, Suburban
Carryall 4x4, ½ ton	$193.00	$386.00	$579.00	Expedition, Suburban
Carryall 4x2, 3/4 ton	$186.00	$372.00	$558.00	Expedition, Suburban
Carryall 4x2, ½ ton	$178.00	$355.00	$533.00	Expedition, Suburban
SUV 4X4, full size	$180.00	$361.00	$541.00	Blazer, Tahoe, Bronco, etc.
SUV 4X4, compact	$134.00	$268.00	$403.00	4 Runner, Explorer, S10 Blazer, Nissan
PU 4x4, 1 ton	$263.00	$526.00	$789.00	Ford F350, Dodge 3500, Chev 3500
PU 4x4, ¾ ton	$249.00	$497.00	$746.00	Ford F250, Dodge 2500, Chev 2500
PU 4x4, ½ ton	$193.00	$386.00	$579.00	Ford F150, Dodge 1500, Chev 1500
PU 4x4, compact	$193.00	$386.00	$579.00	Ranger, S10, Toyota Tacoma, Nissan, etc.
PU 4x2, 1 ton	$192.00	$384.00	$576.00	Ford F350, Dodge 3500, Chev 3500
PU 4x2, ¾ ton	$180.00	$361.00	$541.00	Ford F250, Dodge 2500, Chev 2500
PU 4x2, ½ ton	$169.00	$338.00	$507.00	Ford F150, Dodge 1500, Chev 1500
PU 4x2 compact	$124.00	$248.00	$371.00	Ranger, S10, Toyota Tacoma, Nissan, etc.
Van (12 – 15 passenger)	$195.00	$391.00	$586.00	
Van (6 – 11 passenger)	$129.00	$259.00	$388.00	
Sedan	$124.00	$248.00	$371.00	

Service Vehicle Modules

Heavy Equipment Service Truck

Heavy equipment service trucks are commercial heavy equipment trucks, with a mechanic able to perform field repair and maintenance on heavy trucks and equipment. Minimum equipment must include a 225-amp welder, a 120-psi, 20-cfm air compressor, and a 2-ton crane.

Light Equipment Service Truck

Light equipment service trucks are light trucks staffed with a mechanic, able to perform light vehicle maintenance and field repairs.

Tire Service Trucks

Tire service trucks are light trucks staffed with a mechanic, able to repair and replace heavy truck tires in the field. Service trucks include a mechanic, heavy tools, compressor, and supplies.

- All trucks shall carry PPE identified in Chapter 6: Personal Protective Equipment of this manual.
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

If a State-hired service truck is used to service hired private heavy equipment, the service truck's hourly rate, plus the cost of all parts and materials used, will be deducted from the receiving Supplier's compensation. Mechanic personnel labor hours provided by CAL FIRE are billed to the Supplier at a $150.00 hourly rate, prorated to the nearest half-hour.

Truck Type	Reduced Rate	Standard Rate	Extended Rate
Heavy equipment diesel mechanic with full service truck	$904.00	$1808.00	$2712.00
Lube, Tire Repair, Automotive and light truck service vehicle	$672.00	$1344.00	$2016.00
General Mechanic with light service truck	$560.00	$1120.00	$1680.00

Refrigerator Trucks and Trailers

Refrigerator trucks and trailers shall:

- Comply with DOT guidelines and all applicable Federal, State, and local laws and regulations.
- Maintain adequate temperatures to safely store food and ice.
- Be maintained in clean and sanitary condition.
- Be equipped with stairs, ramp, or lift gate, and a mechanism to maintain temperature when the door is open.

Preference may be given to trailers with movable partitions that allow for ice on one side and regular cooling on the other.

Refrigerator Trucks

CAL FIRE hires refrigerator trucks without operator. Service vehicle and service personnel are included in the daily rate.

Refrigerator Box Length	Reduced Rate	Standard Rate	Extended Rate
19 – 24 feet	$345.00	$689.00	$1,034.00
15 – 18 feet	$330.00	$659.00	$989.00
12 – 14 feet	$306.00	$612.00	$919.00
6 – 11 feet	$268.00	$536.00	$804.00

Trailers

Refrigerator tractor-trailer trucks shall be compensated at the transport truck rates. Once the refrigerator trailer is delivered, the tractor is released. The tractor will be compensated for trailer delivery to the incident and return to the point of hire identified on the EERA. When returning to retrieve a released trailer, the tractor will be compensated for pick up from the incident and return to the point of hire identified on the EERA.

Trailer Length (feet)	Reduced Rate	Standard Rate	Extended Rate
41+	$257.00	$515.00	$772.00
29 – 40	$213.00	$425.00	$638.00
24 – 28	$149.00	$299.00	$448.00
10 – 23	$100.00	$200.00	$300.00

Mobile Kitchen Support

Mobile Kitchen Modules

All MKU support equipment shall be maintained in clean and sanitary condition. Supplier equipment shall meet or exceed all Federal, State, and local health and safety regulations.

Supplier is to provide adequate staff to meet or exceed the needs of the assignment. Suppliers are prohibited from utilizing inmate labor.

MKU Support Module A

Support Module A includes B, C, and D Support Modules. CAL FIRE personnel shall verify ownership of all equipment included in the modules prior to generating an EERA with the Supplier.

MKU Support Module B: Kitchen Area

- Potable Water Truck – minimum 1,000 gallons
- Support/Refrigerator trailer with operating instructions, stairs, ramp, or lift gate: minimum 24 feet for lunches
- Forklift – min 4,000 lb and off-road capable with pneumatic tires (Supplier to provide operator(s).
- Generator – minimum 75 kW 120V-240V capable of 50-amp single phase and 3 phase simultaneously
- Food prep trailer – minimum 28 foot with 600 cf minimum refrigerator (additional refrigerator truck or trailer acceptable) and minimum 32 sf counter space. Two (2) food prep sinks, one (1) additional hand washing sink, hot and cold running water.
- Lighting package with power for kitchen (includes power cords)
- Two (2) double-stacked commercial ovens
- Two (2) food proofers
- Two (2) Commercial deep fryers
- Four (4) fans, minimum 6000 CFM

MKU Support Module C: Feeding Area

- Two (2) Type I tent modules (550 sf. ea.) for sleeping inmates
- Canopy for feeding – 3,600 sf minimum with lighting and power
- Canopy for kitchen – 800 sf minimum with lighting and power
- Canopy for dry goods storage – 800 sf minimum with sides, floor, lighting and power
- Canopy for hydration cover – 400 sf minimum with lighting and power

Mobile Kitchen Support

MKU Support Module C: Feeding Area, continued

- Canopy for salad bar – 600 sf minimum
- Three (3) Cambro-style salad bars with sides
- Tables and chairs for 500 people
- Twenty (20) garbage cans, 32-gallon minimum
- Six (6) fans, minimum 6000 CFM

MKU Support Module D: Sanitation

- Grey water truck – minimum 1,000 gallons with 250-gallon bladder bag
- Shower unit minimum three (3) heads with appropriate supplies and twice daily cleaning for kitchen inmates (includes potable and grey water storage)
- Type II Hand Wash Trailer minimum, hot and cold water, soap, towels, 1,000-gallon grey water storage, 500-gallon potable water storage, set up, tear down, daily cleaning, and operator.
- Scullery (dish washing) trailer shall have three (3) wash basins for washing, rinsing, and sanitizing. The scullery shall be equipped with adequate counter space or rack system for air drying dishes. Supplier is to provide adequate staffing or automated equipment to meet a minimum 90 minute turnaround time.
- Laundry – one (1) washer/one (1) dryer with appropriate supplies for kitchen laundry with power.

Additional Units

- Scullery Unit : Dish washing trailer shall have three (3) wash basins for washing, rinsing, and sanitizing. The scullery shall be equipped with adequate counter space or rack system for air drying dishes. Supplier is to provide adequate staffing or automated equipment to meet a minimum 90 minute turnaround time.
- Food Prep Trailer: minimum 28 feet with 600 cf minimum refrigerator (additional refrigerator truck or trailer acceptable) and minimum 32 sf counter space. Two (2) food prep sinks, one (1) additional hand washing sink, hot and cold running water.

Individual Items

- Laundry/Shower Unit Combination: Minimum two (2) shower heads, one (1) washer, one (1) dryer, and one (1) attendant
- Commercial Oven: Double stacked; either propane or electric
- Food Proofer: Heating cabinet with 24-tray minimum
- Evaporative Cooler : minimum 36” 9600 CFM

Mobile Kitchen Support

Individual Items, continued

- Commercial Deep Fryer: minimum 120 volt or gas powered with two baskets
- Salad Bar: Cambro-style with sneeze guards
- Portable Heater: 32,000 BTU minimum; includes fuel
- Portable Misting Fan Unit: minimum 3-speed mid-pressure 18-inch misting fan with 40-gallon tank 3400 CFM
- Fans: 6,000 cfm minimum
- Tables: 6 feet minimum
- Chairs: folding chairs; 300-lb minimum
- Garbage/Recycle Bins: 32-gallons minimum

Mobile Kitchen Support Rates

MKU Support Module	Reduced Rate	Standard Rate	Extended Rate
Module A – Kitchen Area, Feeding Area, Sanitation	$9,868.00	$19,736.00	$29,604.00
Module B – Kitchen Area	$3,688.00	$7,377.00	$11,066.00
Module C – Feeding Area	$2,650.00	$5,300.00	$7,949.00
Module D – Sanitation	$3,530.00	$7,059.00	$10,589.00

Supplies – Individual Items	Reduced Rate Item	Standard Rate	Extended Rate
Scullery Unit	$1,400.00	$2,800.00	$4,200.00
Food Prep Trailer	$1,000.00	$2,000.00	$3,000.00
Laundry / Shower Unit Combo	$817.00	$1,633.00	$2,450.00
Commercial Oven	$67.00	$133.00	$200.00
Food Proofer – Heating cabinet with min. 24 trays	$33.00	$67.00	$100.00
Evaporative Cooler	$33.00	$67.00	$100.00
Commercial Deep Fryer	$33.00	$67.00	$100.00
Cambro Style salad bar	$17.00	$34.00	$50.00
Portable Heater- 32000 BTU min. includes fuel	$10.00	$20.00	$30.00
Portable Fan/Mist unit	$17.00	$34.00	$50.00
Fans – 6000 cfm min.	N/A	N/A	$10.00
Tables, minimum 6 feet, each	N/A	N/A	$6.00
Chairs – 300 lb. folding, each	N/A	N/A	$2.00
Garbage/Recycle – 32-gallon minimum	N/A	N/A	$1.00

Mobile Laundry Units

Minimum equipment and personnel requirements for mobile laundry units:

- Ability to perform heavy duty/soil cycle laundry service including wash, dry and fold
- Ability to provide a maximum of a 24-hour turnaround time for washing, drying and folding laundry
- Provide all supplies including soap, bags for clean clothes, tags
- Minimum of 1,500-gallon stationary potable water storage
- Minimum of 1,500-gallon stationary grey water storage
- Ability to maintain continuous hot water delivery
- Labor and equipment to transport, set up and maintain unit(s)
- Supplier to provide manufacturer's data on equipment capacities
- Capacity rated at "Heavy Duty" or "Heavy Soil" washing cycle
- Generator sufficient to power laundry unit and lighting
- All laundered garments shall be returned in a clean bag

Mobile Laundry Unit Types:

- Type 1: 400 lb per hour or above
- Type 2: 250 - 399 lb per hour
- Type 3: 125 - 249 lb per hour

Mobile Laundry Unit Rates

Equipment to be paid based on manufacturer's capacity data. Capacity is based on a heavy duty/heavy soil cycle.

Water tenders assigned to an incident for mobile Shower or Laundry Units will be reimbursed according to the applicable water tender rates.

Unit Type	Capacity Lb/Hr	Reduced Rate	Standard Rate	Extended Rate
Type I	400+	$4,000.00	$8,000.00	$12,000.00
Type II	250 – 399	$2,800.00	$5,600.00	$8,400.00
Type III	125 – 249	$1,600.00	$3,200.00	$4,800.00

Shower Units

Shower Units shall include the following:

- Be constructed of nonporous readily cleanable surfaces to facilitate sanitation and cleaning
- No fewer than eight (8) shower heads with a minimum of 20 psi water pressure and 2 gpm flow at the head
- Have one (1) wash basin and mirror for every two (2) shower heads
- Have continuous hot water heating capability
- Only potable water shall be used for all showers and hand wash trailers
- Sanitized at least twice daily by using the following procedure (as a minimum): wash down with soap or detergent, rinse thoroughly, and sanitize with a household bleach (5% chlorine) using a minimum of one (1) tablespoon bleach to two (2) gallons water or equivalent
- Each wash basin shall be provided with hot and cold water or temperature controlled heated water and after use grey water storage
- Dressing area shall be enclosed and be capable of accommodating as many people as the number of shower heads provided
- Dressing area shall have twice the number of clothes hooks as shower heads. Areas will also have sufficient heating and ventilation to provide a comfortable atmosphere, and sufficient drainage to prevent the accumulation of standing water
- Carpets/flooring that can be sanitized
- All labor and equipment to transport, set up, and maintain the mobile shower facility
- Paper bath towels, paper hand towels, and soap
- All fuel and electricity required for heat, lights, and hot water
- 1,500-gallon potable water storage
- Generator of adequate size to support the shower unit
- 2,500 gallons grey water stationary storage

Shower Units

NO hourly rate is applicable or acceptable for water tenders assigned to an incident for Mobile Shower or Laundry Units.

Water tenders assigned to an incident for mobile Shower or Laundry Units will be reimbursed according to the applicable water tender rates.

Unit Type	# of Shower Heads	Reduced Rate	Standard Rate	Extended Rate
Type I	15+	$1,467.00	$2,933.00	$4,400.00
Type II	8 – 14	$1,027.00	$2,053.00	$3,080.00
Type III	4 – 7	$513.00	$1,027.00	$1,540.00

Portable Toilets

Portable toilet rates include delivery, pick-up, relocation, pumper truck, two services daily with cleaning and wiping down, and travel to a treatment facility within 60 miles. If one-way travel to a treatment facility is greater than 60 miles, a receipt issued by the treatment facility which includes the name and address thereof must be submitted with the daily shift ticket to be reimbursed. Only mileage greater than 60 miles is compensable; use the current IRS mileage rate. These terms equally apply to toilets in remote locations.

See Chapter 8: Equipment Standards, Requirements, and Rates; Toilet Pumper Trucks in this document for remote toilet servicing direction.

Equipment	Reduced Rate	Standard Rate	Extended Rate	Additional Cleaning
ADA compliant toilet with sink	$47.00	$93.00	$140.00	$20.00
ADA compliant toilets	$38.00	$77.00	$115.00	$20.00
Standard toilets with sink	$31.00	$62.00	$93.00	$20.00
Standard toilets	$23.00	$45.00	$68.00	$20.00

NOTE: CAL FIRE shall not issue payment for dump fees to the Portable Toilet Supplier if they are included in the CAL FIRE Facility Use Agreement.

Toilet Pumper Trucks

Toilet pumper trucks shall only be rented from Suppliers who provide this service as part of their normal operation. The Supplier is responsible for compliance with all State and County Public Health and Safety codes. Trucks and equipment shall be maintained to all State and County Health and Safety standards.

Toilet pumper truck types are based on total tank volume including fresh water and waste water.

When toilets and hand wash equipment are placed in remote locations (greater than 20 miles or 1-hour round-trip from the incident base) at CAL FIRE request, the incident will hire additional pumper trucks of the appropriate number and size to service them at the defined EERA toilet pumper truck rates. Toilets and hand wash equipment placed at remote locations will be paid no more than 50% of the daily rate as the additional pumper truck(s) provide the servicing.

If one-way travel to a treatment facility is greater than 60 miles, a receipt issued by the treatment facility which includes the name and address thereof must be submitted with the daily shift ticket to be reimbursed. Only mileage greater than 60 miles is compensable; use the current IRS POV mileage rate.

CAL FIRE shall be responsible for treatment site dump fees.

Toilet Pumper Truck Rates

Unit Type	Tank Volume (gallons)	Reduced Rate	Standard Rate	Extended Rate
Type I	1,000+	$919.00	$1,838.00	$2,757.00
Type II	500 – 999	$760.00	$1,520.00	$2,280.00

Hand Wash Equipment

Hand Wash Trailers

Hand Wash Trailers include hot and cold water, soap, towels, trash receptacle, 1,000-gallon grey water storage, 500-gallon potable water storage, set up, tear down, daily cleaning, and operator.

Hand Wash Basins

Hand Wash Basins include fresh water and grey water storage, soap, paper towels, set up, tear down, and as-needed cleaning. Portable hand wash stations will be serviced per industry standards and marked as “non-potable water”. Any unit designed (factory produced) to accommodate multiple personnel will be compensated as multiple basin units based on the number of faucet heads available.

See Chapter 8: Equipment Standards, Requirements, and Rates; Toilet Pumper Trucks in this document for remote hand wash equipment servicing.

Hand Wash Trailers				
Unit Type	**# of Basins**	**Reduced Rate**	**Standard Rate**	**Extended Rate**
Type I	16+	$453.00	$907.00	$1360.00
Type II	10 – 14	$317.00	$635.00	$952.00
Type III	4 – 8	$181.00	$363.00	$544.00

Hand Wash Stations				
Unit Type	**# of Basins**	**Reduced Rate**	**Standard Rate**	**Extended Rate**
Type I	2 – 4	$33.00	$67.00	$100.00
Type II	1	$8.00	$17.00	$25.00

Potable Water Trucks

Specifications in Chapter 8: Equipment Standards, Requirements, and Rates; Water Tenders apply to potable water trucks in addition to the standards and requirements below.

Potable water trucks shall be signed up by EERA when certified by the California Department of Public Health (CDPH). CDPH only requires sanitary certification for potable water tenders and potable water tanks exceeding 250 gallons which are permanently attached to licensed motor vehicles such as trucks and trailers. A CDPH Sanitary Certification (sticker affixed to the tank) is required, along with an activity log for each potable water tank that is permanently attached to licensed motor vehicles such as trucks and trailers.

CDPH standards apply to transportation of potable water to CAL FIRE and Federal incidents. These standards also apply to out-of-state Suppliers. CDPH regulations apply only to hauling of potable water. Upon delivery of potable water to the incident, water may be dispensed to support functions, or transferred to a portable water storage container. CDPH field offices maintain a current listing of licensed potable water haulers for that area.

No regulations apply to storage containers once the water has been transferred from a potable water hauler to a portable container. Potable water containers and potable water pressure systems are included in agreements for equipment that require potable water storage at an incident base. The Supplier providing potable water containers is responsible for maintaining them in a sanitary condition. State of California health certification is not required.

Substandard-sized potable water carrying vehicles (less than 500 gallons) that are used for servicing portable hand washing equipment, etc., do not qualify for the potable water tender rate. These miscellaneous types of vehicles are to be negotiated at a reasonable rate that is appropriate to their task at the incident.

Potable water tenders shall meet the following requirements:

- Have DPH seal or sticker (current calendar year) affixed to upper left quarter of rear of the hauling tank.
- Available upon request, test results of bacterial analysis by a private licensed laboratory performed at least once per month during periods of hauling operation. The bacteriological sample must test for a coliform and plate count determination.
- Available upon request, vehicle water source log.
- Health regulations require that coliform levels less than 2.2 are desired, but 2.2 is acceptable. Any potable water equipment with a test certificate indicating a coliform level above 2.2 shall not be utilized.

Potable Water Trucks

- Water purification systems attached to water tenders are not accepted by the DPH as potable water tenders.
- Supplier will carry on each vehicle either (1) an owner's manual or (2) a letter from the pump manufacturer stating that the water pump being used is for food grade service.

Equipment Complement:

- Reflectors, one set of three
- Fire extinguisher, rated 2A10BC or better
- Chock blocks of appropriate size for tire diameter
- Flashlight
- Electronic backup alarm, minimum 97 dB

Potable Water Truck Rates

Rates are determined by legally loaded tank capacity. Water tenders with Special Equipment registration plates (SE) will be issued the applicable water tender rate.

Unit Type	Tank Volume (gallons)	Reduced Rate	Standard Rate	Extended Rate
Type I	2,500+	$1,024.00	$2,047.00	$3,071.00
Type II	1,500 – 2,499	$935.00	$1,869.00	$2,804.00
Type III	1,000 – 1,499	$920.00	$1,840.00	$2,760.00
Type IV	500 – 999	$575.00	$1,150.00	$1,725.00

Grey Water Trucks

Specifications in Chapter 8: Equipment Standards, Requirements, and Rates; Water Tenders apply to grey water trucks in addition to the standards and requirements below.

- Tanks shall be water tight and splash proof. Tanks shall be labeled “Grey Water” with capacity in gallons shown conspicuously on each side of the tank in letters at least four (4) inches high. Any open overhead fill will be securely sealed (water tight).
- Pumps shall be constructed to prevent leakage, spillage, or splashing. On all diaphragm or similar types of open pumps, a tight metal hood shall be provided over the pump.
- Discharge gates or valves shall be leak proof and so constructed as to discharge contents in a manner that will not create a nuisance. All inlets and outlets shall be provided with a cap to prevent dripping.
- Adequate hoses shall be provided to pump contents from grey water holding tanks to truck tanks without spillage on to the ground. Hoses are to be cleaned on premises without any spillage of contents on the ground. A ¾-inch hose not less than 50 feet in length shall be carried with the equipment for cleaning purposes.
- Racks for carrying equipment on the truck shall be provided. All parts of the truck and equipment shall be easily cleanable, with no pockets which can accumulate waste.
- Cleanings shall be disposed of only at authorized areas approved by the Department of Environmental Health.
- Local Department of Environmental Health operating permits are required.

Equipment Complement:

- Reflectors, one set of three
- Fire extinguisher, rated 2A10BC or better
- Chock blocks of appropriate size for tire diameter
- Flashlight
- Electronic backup alarm, minimum 97 dB

Grey Water Truck Rates

Rates are determined by legally loaded tank capacity. Water tenders with Special Equipment registration plates (SE) will be issued the applicable water tender rate.

Unit Type	Tank Volume (gallons)	Reduced Rate	Standard Rate	Extended Rate
Type I	2,500+	$1,024.00	$2,047.00	$3,071.00
Type II	1,500 – 2,499	$935.00	$1,869.00	$2,804.00
Type III	1,000 – 1,499	$920.00	$1,840.00	$2,760.00

NOTE: CAL FIRE shall not issue payment for dump fees to the Grey Water Truck Supplier if they are included in the CAL FIRE Facility Use Agreement.

Generators

20+ kilowatt generators shall include the following:

- Fuel
- Two (2) Ground Fault Interrupter (GFI) protected power boxes
- 250’ power cord
- Setup, tear down, and standby technician

In addition, electrical devices, panels, and power cable connectors must be rain-tight and meet or exceed OSHA and National Electric Code (NEC) standards.

Generators are not to be packaged. If a Supplier has additional power boxes and power cords, the rate should be negotiated at per box and per foot as a special rate, and paid for as needed.

Generators less than 20 kilowatts are hired dry.

Generator Rates

Kilowatts	Reduced	Standard	Extended
150+ KW	$481.00	$963.00	$1,444.00
101 – 149 KW	$367.00	$735.00	$1,102.00
71 – 100 KW	$280.00	$560.00	$840.00
50 – 70 KW	$213.00	$427.00	$640.00
36 – 49 KW	$150.00	$299.00	$453.00
20 – 35 KW	$128.00	$257.00	$385.00
11 – 19 KW	$33.00	$67.00	$100.00
2 – 10 KW	$17.00	$33.00	$50.00

Tents & HVAC Units

Tents

Tent and canopy rates are based on the manufacturer's usable square footage of the tent. Rate includes set up and tear down, and relocation. All tent modules shall include floor, insulated roof, walls/sides, interior lighting, distribution spider box, pig tails, American Disabilities Act (ADA) approved double doors and ADA approved ramp thresholds. (For example, Western Shelter and like tents.) This requirement does not apply to larger tents where insulation packages and floors are not available from the tent manufacturer. Evaporative cooling systems (e.g. swamp coolers) are appropriate for these larger tent types.

Module rates include power, distribution hardware, and other supplies and/or accessories required to provide operational heating, ventilation, and 2.5 ton minimum air conditioning (HVAC).

Tent Type	Module Includes:	Reduced Rate	Standard Rate	Extended Rate
Type I	570+ square feet, insulated roof and walls, sides, and floor	$317.00	$633.00	$950.00
Type II	570+ square feet, insulated roof, sides, and floor	$268.00	$537.00	$805.00
All tents less than 200 square feet		**N/A**	**N/A**	$10.00

Notes:

*Total rates for tents smaller than 570 sq. ft. are calculated by multiplying the rate by the number of useable square feet per manufacturer specifications.

**Rate calculated by square feet used.

Tents and Canopies (Not Modules)	Reduced Rate	Standard Rate	Extended Rate
Tent Canopy with Sides, Floor, & Insulated Roof*	$0.33	$0.67	$1.00
Tent Canopy with Sides & Floor*	$0.26	$0.52	$0.78
Tent Canopy with Sides*	$0.22	$0.45	$0.67
Tent Canopy*	$0.17	$0.23	$0.51
Insulated Walls per sq. ft. used**	$0.08	$0.17	$0.25

HVAC Units - Minimum 2.5-ton with power.

HVAC Units	Reduced Rate	Standard Rate	Extended Rate
2.5-ton minimum w/ power	$78.00	$157.00	$235.00

GIS Support Modules

A. Minimum Equipment Requirements for all Geographic Information Systems (GIS) Support Service (Except Modules 4 and 5)

- Trailer, either cargo or camper style (applicable to all types being solicited), or truck with cargo box.
- Minimum 20’ x 7’, excluding tongue on trailers and the cab on trucks.
- Unit must meet Occupational Safety and Health Administration (OSHA) work environment requirements.
- Self-contained, climate-controlled unit air conditioning or heating to maintain 70 - 75 °F temperature in trailer.
- Quiet type generator, fuel, and maintenance, adequate to provide sufficient power for all onboard systems.
- Supplier shall provide fuel and necessary maintenance/service for the generator to sustain 24-hour operation.
- Wheel Chocks and trailer stabilizer jacks.
- Internal Lighting: sufficient to provide adequate light for night time operations.
- Outside Lighting: sufficient to provide light for all entrance ways (two-way directional security light).
- Steps: If needed, to provide safe entry/exit from the trailer or unit.
- Office supplies required to meet the needs of the assignment.

B. Personnel

- National Wildfire Coordinating Group (NWCG)-qualified Geographic Information Systems Specialist (GISS) at a daily rate.
  - ◊ Technician shall have the skills to troubleshoot and maintain computers, network, generator, and other equipment provided by the Supplier.
  - ◊ Rate will be commensurate with the experience level of the GISS Technician.
- NWCG-GISS Trainee Technician at a daily rate.
  - ◊ Technicians shall have the skills to troubleshoot and maintain computers, network, generator, and other equipment provided by the Supplier.
  - ◊ Rate will be commensurate with the experience level of the GISS Trainee Technician.
- One or more operators available 24 hours per day and 7 days per week.

C. GIS Support Modules

Type I GIS Support Service

- Minimum of four (4) computer workstations with Windows based operating systems (Windows 7, 64/bit with SP1). Computers must have wireless network cards, and configurable to accept Dynamic Host Configuration Protocol (DHCP) service for connectivity. Computer must have a minimum of 8GB RAM, video card with 1GB dedicated memory, and a dual- or quad-core processor (released within last three (3)years). All computers will be configurable for administrative rights for incident personnel.
- System-wide Uninterruptable Power Supply (UPS) and line conditioner system.
- Workspace and tables/chairs to accommodate an additional two (2) workers, for a total of six (6) workers.
- All computer workstations, printers, and plotters shall be networked, expandable to an additional ten (10) external workstations.
- At least one (1) computer workstation shall have dual monitors, each with a minimum 20” diagonal screen area.
- 24-port Gigabit network switch.
- Network cables and power strips to support twelve (12) computers and two (2) printers.
- Supplier shall set up all equipment and ensure that it is operating properly upon arrival at the incident. Technical support person must be available during the first 24 hours to ensure the system is bug -free and operating properly.
- Supplier shall provide a dedicated technical support person to maintain consumables (paper, ink, etc.) and to troubleshoot and repair any problems that occur with the trailer and systems (computers, network, printers, etc.) for a minimum of eight hours per day. Outside of the eight-hour work period, Supplier shall provide tech support within one (1) hour of being notified about the problem. The Supplier shall have an adequate system for contacting this person or have some form of answering service to meet this reporting time requirement.
- Computers shall be reimaged after each incident or if system failure occurs during the incident.
- DVD/CD RW writer on each workstation/server.
- Minimum of ArcGIS 10.3.1 for Desktop Basic license, or version specified by CAL FIRE Hired Equipment Coordinator. Must contact CAL FIRE Hired Equipment Coordinator each year prior to the fire season to determine appropriate version.

- ArcGIS extensions (most recent versions) to include: Fire Incident Mapping Tool (FIMT), DNR Garmin (GPS download software), CAL FIRE Tools.
- Microsoft Office Professional Suite or better (Microsoft Office Pro 2010). Including Word, Excel, Access, Power Point.
- One (1) color printer, capable of 11” x 17” prints, network capable (not USB) (HP 7500 or equivalent).
- Two (2) Large format (E size) plotters, network capable (HP 1055CM, HP 5000, HP 4000, or equivalent).
- Supplier is responsible for supplying the following consumables:
  - Color printer and large format plotter Ink Cartridges, print heads and paper. Minimum requirements if provided by Supplier:
    - Large format plotter – two (2) full sets of ink and print heads. Twenty (20) rolls of paper (shall be a base weight of 24 lb and a minimum length of 150’ per roll)
    - Color printer – two (2) full sets of printer cartridges and two (2) reams each of 8.5" x 11" and 11" x 17" paper.
  - Charges for consumables:
    - Large format printing will be charged by the linear foot ($2.50 - $4.00 per linear foot)
    - 8.5” x 11" and 11” x 17" printing will be charged by the page (8.5” x 11": $0.50 -1.00 per page; 11” x 17": $0.75 - 2.00 per page)
- White board (minimum 2’ x 3’) with dry erase marker.

<u>Type II GIS Support Service</u>

- Minimum of two (2) computer workstations with Windows based operating systems (Windows 7, 64/bit with SP1). Computers must have wireless network cards and configurable to accept Dynamic Host Configuration Protocol (DHCP) service for connectivity. Computer must have a minimum of 8GB RAM, video card with 1GB dedicated memory, and a dual or quad core processor (released within last three (3) years). All computers will be configurable for administrative rights for incident personnel.
- System-wide Uninterruptable Power Supply (UPS) and line conditioner system.
- Workspace and tables/chairs to accommodate an additional two (2) workers, for a total of four (4) workers.
- All computer workstations, printers, and plotters shall be networked, expandable to an additional ten (10) external workstations.

- 24-port Gigabit network switch.
- Network cables and power strips to support twelve (12) computers and two (2) printers.
- Supplier shall set up all equipment and ensure that it is operating properly upon arrival at the incident. Technical support person must be available during the first 24 hours to ensure the system is bug free and operating properly.
- Supplier shall provide a technical support person who shall be able to maintain consumables (paper, ink, etc.), and be on-call with the capability to arrive at the incident within two (2) hours of being notified to troubleshoot and repair any problems that occur with the trailer and systems (computers, network, printers, etc.). The Supplier shall have an adequate system for contacting this person or have some form of answering service to meet this reporting time requirement.
- Computers shall be reimaged after each incident or if system failure occurs during the incident.
- DVD/CD RW / USB writer on each workstation/server.
- ArcGIS 10.3.1 for Desktop Basic license, or version specified by CAL FIRE Hired Equipment Coordinator. Must contact CAL FIRE Hired Equipment Coordinator each year prior to the fire season to determine appropriate version.
- ArcGIS extensions (most recent versions) to include: Fire Incident Mapping Tool (FIMT), DNR Garmin (GPS download software).
- Microsoft Office Suite or better (Microsoft Office Pro 2010). Including Word, Excel, Access, Power Point.
- One (1) color printer, capable of 11” x 17” prints, network capable (not USB) (HP 7500 or equivalent).
- One (1) large format (E size) plotter, network capable (HP 1055CM, HP 5000, HP 4000, or equivalent).
- Supplier is responsible for supplying the following consumables:
  - Color printer and large format plotter Ink Cartridges, print heads and paper. Minimum requirements if provided by Supplier:
    - Large format plotter – two (2) full sets of ink and print heads. Twenty (20) rolls of paper (shall be a base weight of 24 lb and a minimum length of 150’ per roll)
    - Color printer – two (2) full sets of printer cartridges and two (2) reams each of 8.5" x 11" and 11" x 17" paper.

- Charges for consumables:
  - Large format printing will be charged by the linear foot ($2.50 - $4.00 per linear foot)
  - 8.5” x 11" and 11” x 17" printing will be charged by the page (8.5” x 11": $0.50 -1.00 per page; 11” x 17": $0.75 -2.00 per page)
- White board (minimum 2’ x 3’) with dry erase marker.

Type III GIS Support Service (trailer without computers)

- Workspace and tables/chairs to accommodate a minimum of five (5) workers.
- 24-port gigabit network switch, wireless router, and ancillary network hardware such as Cat 5e cables to support up to sixteen (16) external users.
- Network cables and power strips to support twelve (12) computers and two (2) printers.
- One (1) color printer , capable of 11” x 17” prints, network capable (not USB) (HP 7500 or equivalent).
- One (1) large format (E size) plotter, network capable (HP 1055CM, HP 5000, HP 4000, or equivalent).
- Supplier shall ensure that all equipment is set up and operating properly upon arrival at the incident.
- Supplier shall provide a technical support person who shall be able to maintain consumables (paper, ink, etc.), and be on-call with the capability to arrive at the incident within two (2) hours of being notified to troubleshoot and repair any problems that occur with the trailer and systems (network, printers, etc.). The Supplier shall have an adequate system for contacting this person or have some form of answering service to meet this reporting time requirement.
- White board (minimum 2’ x 3’) with dry erase marker.
- Supplier is responsible for supplying the following consumables:
  - Color printer and large format plotter Ink Cartridges, print heads and paper. Minimum requirements if provided by Supplier:
    - Large format plotter – two (2) full sets of ink and print heads. Twenty (20) rolls of paper (shall be a base weight of 24 lb and a minimum length of 150’ per roll)
    - Color printer – two (2) full sets of printer cartridges and two (2) reams each of 8.5" x 11" and 11" x 17" paper.

- Charges for consumables:
  - Large format printing will be charged by the linear foot ($2.50 - $4.00 per linear foot)
  - 8.5” x 11" and 11” x 17" printing will be charged by the page (8.5” x 11": $0.50 -1.00 per page; 11” x 17": $0.75 - 2.00 per page)

Type IV GIS Support Service (Computer, network, UPS and printer equipment only)

- Minimum of one (1) computer workstation with Windows based operating system (Windows 7, 64/bit with SP1). Computers must have wireless network cards, and be able to be configurable to accept Dynamic Host Configuration Protocol (DHCP) service for connectivity. Computer must have a minimum of 8GB RAM, video card with 1GB dedicated memory, and a dual or quad core processor (released within last three (3) years). The computer will be configurable for administrative rights for incident personnel.
- System-wide Uninterruptable Power Supply (UPS) and line conditioner system.
- 24-port gigabit network switch, wireless router, and ancillary network hardware such as Cat 5e cables to support up to sixteen (16) external users.
- Network cables and power strips to support twelve (12) computers and two (2) printers.
- Supplier shall set up all equipment and network, and ensure it is operating properly upon arrival at the incident.
- Supplier shall provide a technical support person who shall be able to maintain consumables (paper, ink, etc.) and be on-call with the capability to arrive at the incident within two (2) hours of being notified to troubleshoot and repair any problems that occur with the trailer and systems (computers, network, printers, etc.). The Supplier shall have an adequate system for contacting this person or have some form of answering service to meet this reporting time requirement.
- Computers shall be reimaged after each incident or if system failure occurs during the incident.
- One (1) USB/DVD/CD RW writer on each workstation/server.
- ArcGIS 10.3.1 for Desktop Basic license, or version specified by CAL FIRE Hired Equipment Coordinator. Must contact CAL FIRE Hired Equipment Coordinator each year prior to the fire season to determine appropriate version.
- ArcGIS extensions (most recent versions) to include: Fire Incident Mapping Tool (FIMT), DNR GPS (GPS download software).
- Microsoft Office Suite or better (Microsoft Office Pro 2010). Including Word, Excel, Access, Power Point.

- One (1) color printer, capable of 11” x 17” prints, network capable (not USB) (HP 7500 or equivalent).
- One (1) large format (E size) plotter, network capable (HP 1055CM, HP 5000, HP 4000, or equivalent).
- White board (minimum 2’ x 3’) with dry erase marker.
- Supplier is responsible for supplying the following consumables:
  - Color printer and large format plotter Ink Cartridges, print heads and paper. Minimum requirements if provided by Supplier:
    - Large format plotter – two (2) full sets of ink and print heads. Twenty (20) rolls of paper (shall be a base weight of 24 lb and a minimum length of 150’ per roll)
    - Color printer – two (2) full sets of printer cartridges and two (2) reams each of 8.5" x 11" and 11" x 17" paper.
  - Charges for consumables:
    - Large format printing will be charged by the linear foot ($2.50 - $4.00 per linear foot)
    - 8.5” x 11" and 11” x 17" printing will be charged by the page (8.5” x 11": $0.50 -1.00 per page; 11” x 17": $0.75 -2.00 per page)

Type V GIS Support Service (Network and printer equipment only)

- 24-port gigabit network switch, wireless router, and ancillary network hardware such as Cat 5e cables to support up to sixteen (16) users.
- Network cables and power strips to support twelve (12) computers and two (2) printers.
- Supplier shall set up all equipment and network upon arrival at the incident and ensure it is operating properly.
- Supplier shall provide a technical support person who shall be able to maintain consumables (paper, ink, etc.), and be on-call with the capability to arrive at the incident within two (2) hours of being notified to troubleshoot and repair any problems that occur with the trailer and systems (computers, network, printers, etc.). The Supplier shall have an adequate system for contacting this person or have some form of answering service to meet this reporting time requirement.
- One (1) color printer, capable of 11” x 17” prints, network capable (not USB) (HP 7500 or equivalent).
- One (1) large format (E size) plotter, network capable (HP 1055CM, HP 5000, HP 4000, or equivalent).
- White board (minimum 2’ x 3’) with dry erase marker.
- Supplier is responsible for supplying the following consumables:
  - Color printer and large format plotter Ink Cartridges, print heads and paper. Minimum requirements if provided by Supplier:
    - Large format plotter – two (2) full sets of ink and print heads. Twenty (20) rolls of paper (shall be a base weight of 24 lb and a minimum length of 150’ per roll)
    - Color printer – two (2) full sets of printer cartridges and two (2) reams each of 8.5" x 11" and 11" x 17" paper.
  - Charges for consumables:
    - Large format printing will be charged by the linear foot ($2.50 - $4.00 per linear foot)
    - 8.5” x 11" and 11” x 17" printing will be charged by the page (8.5” x 11": $0.50 -1.00 per page; 11” x 17": $0.75 -2.00 per page)

D. Other Items

- Supplier is responsible for supplying all consumables.
- Satellite Internet System at a daily rate with the following configuration:
  - ◊ Data usage to be billed by invoice.
  - ◊ Minimum bandwidth: 3 mbps (Megabits Per Second) Download speed, 768kbps (kilobits Per Second) Upload speed.
  - ◊ Wireless Router.
  - ◊ 8-port network switch.
- 3G wireless internet access at a daily rate.
- Additional GIS workstation computers (same specs as computers described above) at a daily rate.
- Additional monitor with a minimum 20” diagonal screen area at a daily rate.
- Additional plotter at a daily rate.

GIS Support Module Rates

Unit Type	Reduced Rate	Standard Rate	Extended Rate
Type I	$867.00	$1,733.00	$2,600.00
Type II	$733.00	$1,467.00	$2,200.00
Type III	$533.00	$1,067.00	$1,600.00
Type IV	$433.00	$867.00	$1,300.00
Type V	$400.00	$800.00	$1,200.00

Command & Office Trailers

For both trailer types, minimum square footage requirement includes slide out room(s). Storage areas on the tongue of the trailer and closet space inside the trailer do not constitute usable space.

Command trailers shall meet the following minimum requirements:

- Type 1: 328 sq. ft. and larger – eight (8) work stations, sleeps 4, minimum
- Type 2: 248 sq. ft. - 327 sq. ft. – six (6) work stations, sleeps 3, minimum
- Type 3: 160 sq. ft. - 247 sq. ft. – four (4) work stations, sleeps 2, minimum
- VHF external antenna with internal connection with12-volt 15-amp power port for radio

Office trailers shall meet the following minimum equipment requirements:

- Type 1: 328 sq. ft. and larger minimum ten (10) work stations
- Type 2: 248 sq. ft. - 327 sq. ft. minimum seven (7) work stations
- Type 3: 160 sq. ft. - 247 sq. ft. minimum five (5) work stations

Command Trailers and Office Trailers shall meet the following minimum equipment requirements:

- One (1) 2.5 cubic foot refrigerator
- One (1) Coffee maker
- RV type awning sized appropriate for trailer
- All in one printer/copier/fax/scan with drivers/dedicated line
- 8-square foot desk/counter space per work station
- One (1) telephone at each work station
- One (1) weather proof external communications patch panel
- One (1) internal phone punch panel wired for each work station/fax
- Ethernet at each work station
- Internal Com Cabinet with rack mounted switch and Ethernet switch
- 2-port 120-volt AC power at each work station
- Adequate lighting at each work station
- One (1) rolling office style chair at each work station
- 25-square foot white board

Command & Office Trailers

- HVAC (evaporative cooling is not acceptable)
- External lighting/portable or fixed
- All weather flooring suitable for rolling office chairs
- Functional CO Detector(s)
- Functional Smoke Detector(s)
- Fire Extinguisher(s)
- One (1) twenty (20) page capacity paper shredder
- Trailers to be maintained in a clean condition:
  - Counters, tables, and other surfaces to be cleaned and disinfected daily, before or after the incident personnel shift.
  - Floors to be swept and mopped daily, before or after the incident personnel shift.
  - Proper maintenance and changing of any air filters as indicated by owner's manual.
  - (Recommended) Service window for outside customer service.

Command & Office Trailer Rates

Rates are calculated per useable square foot as indicated by the EERA. Storage areas on the tongue of the trailer and closet space inside the trailer do not constitute usable space.

Unit Type	Square Feet	Reduced Rate	Standard Rate	Extended Rate
Type I	328+	$1.80	$3.65	$5.50
Type II	248 – 327	$1.80	$3.65	$5.50
Type III	160 – 247	$1.80	$3.65	$5.50

Medical Support Module

Medical modules include adequate power to operate for the duration of the assignment.

Type I

Advanced life support (ALS) minimum with online medical direction and protocols developed by the medical director; includes a dispensary.

ALS equipment standard per Local Emergency Medical Services Agency (LEMSA) requirements of a non-transport apparatus (LEMSA where assigned).

Appropriate personnel to provide, at minimum:

- To be available for response at base camp 24 hours per day:
  - At least one California Certified EMT (or Advanced)
  - At least one California Licensed and LEMSA Accredited Paramedic, Registered Nurse or Physician's Assistant Accredited paramedic, nurse, or physician's assistant
    - Certified in:
      - Advanced Cardiac Life Support
      - ITLS/PHTLS Trauma Life Support
      - Healthcare Provider CPR
- Minimum operational hours of the dispensary of 0600 – 2200.

Type II

Dispensary only.

Two (2) or more staff, with minimum operational hours of 0600 – 2200.

Dispensary Inventory (Types I and II)

Medical Support Modules shall arrive at assignments with at least the complement of supplies identified below. Markup on approved inventory is not permitted to exceed 15% over cost. Upon CAL FIRE request, Supplier shall provide a copy of their paid invoice to verify their cost.

First Aid		
Product	**UOM**	**Quantity**
Sterile 2” x 2”s	1 EA	400
Non Sterile 2” x 2”s	1 EA	400
Sterile 4” x 4”s	1 EA	400
Non Sterile 4” x 4”s	1 Bag	400
Roller Gauze (Kerlix) – 3”	1 EA	20
Cling Gauze (Coban)	1 EA	50
Triangular Bandage	1 EA	20
Gauze Eye Pad	1 EA	50
Band Aid – Knuckle	1 EA	200
Band Aid – Finger Tip	1 EA	100
Band Aid – 1”, 3”	1 EA	500
Band Aid – 2”, 3”	1 EA	20
Finger Splint – Padded Aluminum	1 EA	20
Ace Wrap / Bandage – 2”, 4”	1 EA	50
ABD Pads	1 EA	50
Cold Packs	1 EA	50
Splinter Kit – Sterile	1 EA	50
Steri Strips	1 EA	50
Tape – Cloth 1”	1 Roll	50
Tape – Cloth 2”	1 Roll	50
Tape – Transpore 1”	1 Roll	50
Tape – Athletic 1”	1 Roll	50
Alcohol Swabs	1 PKT	100
Sterile Water – 8 oz.	1 BTL	40

Pain Relief		
Product	**UOM**	**Quantity**
Acetaminophen (Tylenol)	2 PP	750
Aspirin	2 PP	750
Ibuprofen (Advil)	2 PP	750
Naproxen (Aleve)	2 PP	500
Headache/Migraine (Excedrin)	1 EA	250
Sinus Decongestant (Sudafed – Non Drowsy)	2 PP	200
Multi-Symptom Cold/Cough (CCP/DayQuil)	2 PP	500
Flu Symptom (TheraFlu)	1 EA	20
DayQuil – Tablets	1 EA	250
Cough Drops – Medicated	1 EA	2000
Cough Drops – Non Medicated	1 EA	1000
Zinc Lozenges	1 EA	500
Zicam – Quick Dissolve Tabs	2 EA	100
Emergen C 1,000 mg – 32 oz. Packet	1 EA	100

Allergy		
Product	**UOM**	**Quantity**
Antihistamine – Pill (Benadryl)	2 PP	200
Antihistamine – Cream (Benadryl)	2 PP	25
Antihistamine – Loratadine (Claritin)	2 PP	100
Antihistamine – Fexofenadine (Allegra)	2 PP	100
Antihistamine – Cetirizine (Zyrtec)	2 PP	100

Dental / Oral		
Product	**UOM**	**Quantity**
Dent-temp	1 EA	5
Chapstick w/Sunscreen	1 EA	2000
Lip Balm – Medicated	1 EA	1000
Orajel	1 EA	20
Abreva / Cold Sore / Fever Blister	1 EA	10

Gastrointestinal		
Product	**UOM**	**Quantity**
Anti-Diarrheal (Imodium)	2 PP	200
Gas Relief	2 PP	200
Laxative	2 PP	200
Magnesium Citrate – 8 oz.	1 EA	200
Antacid (Tums)	2 PP	200
Alka-Seltzer	2 PP	200
Preparation H	1 Tube	50

Skin Care		
Product	**UOM**	**Quantity**
Hand Lotion 1 oz	1 Tube	25
Sunscreen Wipes	1 PKT	100
Insect Repellent – w/Deet – 2 oz.	1 PKT	100
Sunscreen SPF 30 – 1-3 oz.	1 PKT	500
Gold Bond, Gold 4 oz.	1 EA	100
Gold Bond Cream – 2 oz.	1 EA	100
Aloe Gel – 8 oz.	1 EA	20
Hydrocortisone Cream – 2 oz.	1 EA	25
Triple Antibiotic Ointment Packet	1 EA	500
Calamine Lotion – 6 oz.	1 EA	100
New Skin – 1 oz.	1 EA	10
Second Skin – 1” square	1 Jar	10
Second Skin – 3” Round	1 Jar	10

Foot Care		
Product	**UOM**	**Quantity**
Antifungal (Tolnaftate)	1 EA	50
Antifungal Spray – 4 oz.	1 EA	25
Moleskin – 2” x 25 Yard	1 Roll	5
Gold Bond – Blue Antifungal – 4 oz.	1 EA	100

Eye / Nasal Care		
Product	**UOM**	**Quantity**
Eye Drops – Allergy Relief – 1 oz.	1 EA	100
Eye Drops – Lubricating – 1 oz.	1 EA	100
Eye Wash – 4 oz.	1 EA	100
Stye Out	1 EA	10
Nasal Spray – Saline – 1.5-3.0 oz.	1 BTL	100
Contact Cleaner – 1-5 oz.	1 BTL	5

Poison Oak / Ivy		
Product	**UOM**	**Quantity**
Pre Contact Wipes	1 EA	100
Post Contact Wipes	1 EA	300
Tecnu-Calagel – 6 oz.	1 EA	200
Tecnu Bottle – 4 oz.	1 EA	200
Tecnu Extreme – 4 oz.	1 EA	200
Tecnu Cleanser – 1 oz.	1 PKT	200
Poison Oak Soap – bar	1 EA	200

Ear Care		
Product	**UOM**	**Quantity**
Q-Tips – 30 pack	1 EA	25
Cotton Balls – 100-200 ct	1 bag	2

Muscle Relief		
Product	**UOM**	**Quantity**
Biofreeze – 5 ml	1 PKT	100
Aspercreme w/Lidocaine – 2.7 oz.	1 EA	50
Muscle Pain Patch	1 EA	20
Bengay Cream – 4 oz.	1 EA	25

Feminine Products		
Product	**UOM**	**Quantity**
Tampons	1 EA	100
Pads	1 EA	100
Yeast Infection Medication	1 EA	5
Feminine Relief Tablets	2 PP	50

Miscellaneous		
Product	**UOM**	**Quantity**
Hand Sanitizer – 2 oz.	1 EA	200

The items listed in the following table, and any items not listed in the tables above, require incident approval prior to distribution.

Incident Approval Required			
Type	**Product**	**UOM**	**Quantity**
Skin Care	Body Glide - .45 oz.	1 EA	100
Skin Care	Gold Bond Green – 4 oz.	1 EA	100
Skin Care	Baby Wipes – 20-30 ct	1 PKT	50
Poison Oak/Ivy	Zanafel – 1 oz.	1 EA	25
Miscellaneous	Non-Latex Gloves; Small	1 BX	2
Miscellaneous	Non-Latex Gloves; Medium	1 BX	2
Miscellaneous	Non-Latex Gloves; Large	1 BX	2
Miscellaneous	Non-Latex Gloves; Extra Large	1 BX	2

Medical Support Module Rates

Markup on approved inventory is not permitted to exceed 15% over cost as supported by invoice.

Unit Type	Reduced Rate	Standard Rate	Extended Rate
Type I	$1,000.00	$2,000.00	$3,000.00
Type II	$800.00	$1,600.00	$2,400.00

Chain Saw Repair Module

Chain saw repair module shall include:

- Adequate power to operate for the duration of the assignment.
- Fully equipped repair shop (trailer or other)
- Sufficient qualified repair technicians to fulfill the ordered shift (reduced, standard, or extended). Technicians and other personnel are prohibited from working a 24-hour shift.
- Adequate complement of repair and replacement parts to be immediately effective and maintain productivity on an ongoing basis.
- Parts inventory list available upon arrival to the incident.
- Markup on parts is not permitted to exceed 15% over cost as supported by invoice.

Chain Saw Repair Module Rates

Markup on parts is not permitted to exceed 15% over cost as supported by invoice. Upon CAL FIRE request, Supplier shall provide a copy of their paid invoice to verify their cost.

Unit Type	# Staff	Reduced Rate	Standard Rate	Extended Rate
Type I	2	$1,050.00	$2,100.00	$3,150.00
Type II	1	$820.00	$1,640.00	$2,460.00

Ground Support Module

Ground Support Module Type I

- One (1) Type III office trailer (minimum)
- One (1) Type II Clerical trailer with scan and email capabilities
- One (1) network hotspot
- One (1) vehicle with a fuel tank with one (1) operator, 90-gallon tank (minimum), pump, 25-foot hose and a dispensing meter. For in-camp fueling.
- Ten (10) laminated **NO PARKING** signs, (11” x 17” minimum, white background with bold red letters)
- Ten (10) laminated **NO SMOKING** signs (11” x 17” minimum, white background with bold red letters)
- Ten (10) laminated **GROUND SUPPORT** signs (11” x 17” minimum, white background with bold red letters)
- Ten (10) laminated **ENTER** signs (11” x 17” minimum, white background with bold red letters)
- Ten (10) laminated **EXIT** signs (11” x 17” minimum, white background with bold red letters)
- Ten (10) laminated **REPAIR** signs (11” x 17” minimum, white background with bold red letters)
- Ten (10) laminated **INSPECTION REPAIR** signs (11” x 17” minimum, white background with bold red letters)
- Ten (10) laminated **FUEL** signs (17” x 22” minimum, white background with bold red letters)
- Twenty (20) signs, (11” x 17” minimum, white background)
- Fifty (50) traffic cones (28” orange)
- Thirty (30) barricades (40”)
- Five (5) tables (6’)
- Ten (10) chairs
- Two (2) shade canopies (10’ x 10’ minimum)
- As directed by the Ground Support Unit Leader (GSUL), the Supplier will provide electronic copies of all written transactions that take place in the ground support unit, prepare the final document package as a hard copy, and support the ground support unit in all clerical needs.

Ground Support Module

Ground Support Module Type II

- One (1) Type II Clerical trailer with scan and email capabilities
- One (1) network hotspot
- One (1) vehicle with a fuel tank with one (1) operator, 90-gallon tank (minimum), pump, 25-foot hose and a dispensing meter. For in-camp fueling.
- Five (5) laminated **NO PARKING** signs (11” x 17” minimum, white background with bold red letters)
- Five (5) laminated **NO SMOKING** signs (11” x 17” minimum, white background with bold red letters)
- Five (5) laminated **GROUND SUPPORT** signs (11” x 17” minimum, white background with bold red letters)
- Five (5) laminated **ENTER** signs (11” x 17” minimum, white background with bold red letters.)
- Five (5) laminated **EXIT** signs (11” x 17” minimum, white background with bold red letters)
- Five (5) laminated **REPAIR** signs (11” x 17” minimum, white background with bold red letters)
- Five (5) laminated **INSPECTION REPAIR** signs (11” x 17” minimum, white background with bold red letters)
- Five (5) laminated **FUEL** signs (11” x 17” minimum, white background with bold red letters)
- Ten(10) signs (11” x 17” minimum, white background with bold red letters)
- Twenty-five (25) traffic cones (28” orange)
- Fifteen (15) barricades (40”)
- Five (5) tables (6’)
- Ten (10) chairs
- Two (2) shade canopies (8’ x 8’ minimum)
- Supplier will supply the Ground Support Unit Leader (GSUL) with electronic copies of all written transactions that take place in the ground support unit, prepare the final document package as a hard copy, and support the ground support unit in all clerical needs.

Ground Support Module Rates

Unit Type	Reduced Rate	Standard Rate	Extended Rate
Type I	$1,267.00	$2,533.00	$3,800.00
Type II	$867.00	$1,733.00	$2,600.00

Weed Washing Module

Expectations

- Provide minimum equipment listed for each type.
- Provide sufficient qualified operators to meet an average of five-minute wash time per vehicle/equipment.
- Thoroughly wash all fire engines, crew buses, water tenders, heavy equipment, transports, pickups, SUVs, and sedans to remove all soil, foliage, seeds and spores.
- Visually and manually inspect hard to reach areas to ensure that they are clean;
- Ensure the system remains in fully operational condition.
- Capture, package and label solid waste in secure, easily transportable containment packages.
- Maintain a daily record of all washed vehicles.
- High pressure systems have water pressures designated above 1000 pounds per square inch (psi).
- Low volume systems deliver less than 10 gallons of water per minute per nozzle.

Type I: Self-Contained (Recycling System)

Portable high pressure low volume commercial power washer(s) with two hand-held, high pressure wands/nozzles capable of washing all areas of each vehicle/equipment including the underbody.

- A wash water storage tank with adequate capacity to operate the wash system continuously for a minimum of two (2) hours.
- Containment system to catch all wash water and debris from vehicles/equipment (minimum 10 feet wide).
- Recycling system that filters all wash water from the containment system to a minimum of 100 microns when Sudden Oak Death (SOD) (Phytophthora ramorum) is not present, and a minimum of 10 microns when SOD is present. Supplier is responsible for maintaining the quality of the recycled water to ensure clean and safe washed equipment.
- Two (2) skilled operators to perform washing operations. The operators shall be knowledgeable in the safe operation, maintenance, and repair of the wash system.
- Sufficient solid waste bags or containers for soil, foliage, seeds and spores.
- The wash system must comply with all applicable OSHA regulations related to operator safety and all segments of the washer must be in operating condition with no missing parts. All alternating current electric motors shall be listed with Underwriters Laboratory.
- Two (2) GFI protected 1000-watt halogen work lights on stands.
- Generator capable of powering the system.

Weed Washing Module

Type II: Self-Contained (Fresh Water System)

Portable high pressure low volume commercial power washer(s) with two hand-held, high pressure wands/nozzles capable of washing all areas of each vehicle/equipment including the underbody.

- Portable high pressure low volume commercial power washer(s) with two hand-held, high pressure wands/nozzles capable of washing all areas of each vehicle/ equipment including the underbody.
- A fresh wash water storage tank with adequate capacity to operate the wash system continuously for a minimum of two (2) hours.
- Containment system to catch all wash water and debris from vehicles/equipment (minimum 10 feet wide).
- A waste water storage tank with adequate capacity to store waste water from the containment device for a minimum of two (2) hours.
- Two (2) skilled operators to perform washing operations. The operators shall be knowledgeable in the safe operation, maintenance, and repair of the wash system.
- Sufficient solid waste bags or containers for soil, foliage, seeds and spores.
- The wash system must comply with all applicable OSHA regulations related to operator safety and all segments of the washer must be in operating condition with no missing parts. All alternating current electric motors shall be listed with Underwriters Laboratory.
- Two (2) GFI protected 1000-watt halogen work lights on stands.
- Generator capable of powering the system.

Disposal Requirements

Incident personnel will dictate debris and waste water disposal requirements specific to the incident. Approved disposal fees will be reimbursed at the incident.

Weed Washing Module Rates

Unit Type	Reduced Rate	Standard Rate
Type I – Recycling System	$2,133.00	$3,200.00
Type II – Fresh Water System	$1,000.00	$2,000.00

Forklifts and Material Handling

Forklifts, pallet jacks, and hand trucks shall be in compliance with Cal-OSHA and other safety regulations and any other applicable Federal, State, and local laws.

Forklifts (all terrain and hard surface) shall bear a minimum of 4,000 pounds.

This equipment shall be operated by CAL FIRE or CAL FIRE designated personnel.

- Roll Over Protection System (R.O.P.S.)
- Seat belt
- Backup alarm, minimum 97 decibels (dB)
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Forklifts and Material Handling Rates

Unit Type	Reduced Rate	Standard Rate	Extended Rate
All terrain, 4000 lbs min.	$133.00	$267.00	$400.00
Hard surface only, 4000 lbs min.	$100.00	$200.00	$300.00
Pallet Jack	**N/A**	**N/A**	$10.00
Hand truck	**N/A**	**N/A**	$5.00

Lighting Systems

Lighting systems include power and any other supplies and/or accessories required to provide illumination.

Lighting systems with power may not be utilized or compensated as both a lighting system and a generator.

Lighting System Rates

Unit Type	Reduced	Standard	Extended
180 Degree Lighting (Light tower)	$117.00	$233.00	$350.00
360 Degree Lighting (Balloon type light)	$83.00	$167.00	$250.00

Traffic Safety Module

Complement to include, at a minimum:

Qty.	Item
200	Delineators with grab & go loop
200	Base for grab & go delineators
100	18” Traffic cone with reflective stripes
35	24” x 42” Barricade wood with reflective stripes
4	Barricade with 18” x 24” Signs: orange and black “FUEL”
4	Barricade with 18” x 24” sign: orange and black “GROUND SUPPORT”
4	Barricade with 18” x 24” sign: orange and black “ICP”
4	Barricade with 18” x 24” sign: orange and black "CHECK IN”
4	Barricade with 18” x 24” sign: orange and black "STAGING”
4	Barricade with 18” x 24” sign: orange and black "HELI-BASE”
6	LED-lighted wand (C batteries removed)
12	C batteries for LED-lighted wand
4	STOP/SLOW paddles

Traffic Safety Equipment Rates

Unit Type	Reduced Rate	Standard Rate	Extended Rate
Module	$600.00	$1,200.00	$1,800.00
Electronic Road Sign w/ power	$100.00	$200.00	$300.00

Excavators

All excavators shall be equipped with:

- Bucket and hydraulic thumb appropriate in size for the type
- Seatbelt
- Backup alarm, minimum 97 dB
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Excavator Rates

Excavator classification is determined by weight using manufacturer specifications.

Manufacture Specifications:

https://www.ritchiespecs.com/manufacturers

	Without Masticating Head			With Masticating Head		
Size (tons)	**Reduced Rate**	**Standard Rate**	**Extended Rate**	**Reduced Rate**	**Standard Rate**	**Extended Rate**
40.1 – 50	$1,470.00	$2,940.00	$4,410.00	$1,919.00	$3,838.00	$5,757.00
28.1 – 40	$1,218.00	$2,438.00	$3,656.00	$1,668.00	$3,335.00	$5,003.00
24.1 – 28	$1,093.00	$2,186.00	$3,279.00	$1,542.00	$3,084.00	$4,627.00
21.1 – 24	$945.00	$1,890.00	$2,835.00	$1,361.00	$2,722.00	$4,084.00
16.1 – 21	$879.00	$1,757.00	$2,636.00	$1,262.00	$2,523.00	$3,785.00
12.1 – 16	$761.00	$1,521.00	$2,282.00	$1,110.00	$2,220.00	$3,331.00
8.1 – 12	$694.00	$1,388.00	$2,082.00	$991.00	$1,982.00	$2,973.00
2 – 8	$613.00	$1,225.00	$1,838.00	$876.00	$1,753.00	$2,630.00

Graders

- Roll Over Protection System (R.O.P.S.)
- Seat belt
- Backup alarm, minimum 97 decibels (dB)
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Grader Rates

Grader classification is determined by net engine horsepower per manufacturer's specifications.

Manufacture Specifications:

https://www.ritchiespecs.com/manufacturers

Unit Type	Horsepower	Reduced Rate	Standard Rate	Extended Rate
Type I	200 – 250	$1,058.00	$2,115.00	$3,173.00
Type II	145 – 199	$973.00	$1,946.00	$2,919.00
Type III	115 – 144	$830.00	$1,661.00	$2,491.00
Type IV	75 – 114	$713.00	$1,426.00	$2,139.00

Backhoes

- Roll Over Protection System (R.O.P.S.)
- Seat belt
- Backup alarm, minimum 97 decibels (dB)
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Backhoe Rates

Backhoe classification is determined by net engine horsepower per manufacturer's specifications.

Manufacture Specifications:

https://www.ritchiespecs.com/manufacturers

Unit Type	Horsepower	Reduced Rate	Standard Rate	Extended Rate
Type I	90+	$575.00	$1,150.00	$1,725.00
Type II	60 – 89	$500.00	$1,000.00	$1,500.00
Type III	22 – 59	$425.00	$850.00	$1,275.00

Chipper Modules

Trailer mounted and self-propelled brush chippers are typed by horsepower derived from the original manufacturer's specifications.

- Appropriate tow vehicle
- Minimum of two personnel
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Chipper Rates

Chipper classification is determined by net engine horsepower per manufacturer's specifications.

Manufacture Specifications:

https://www.ritchiespecs.com/manufacturers

Unit Type	Manufacturer-Rated HP	Reduced Rate	Standard Rate	Extended Rate
Type I	200+	$1,700.00	$3,400.00	$5,100.00
Type II	125 – 199	$1,350.00	$2,700.00	$4,050.00
Type III	75 – 124	$1,075.00	$2,150.00	$3,225.00
Type IV	20 – 74	$850.00	$1,700.00	$2,550.00

Skidders

- Roll Over Protection System (R.O.P.S.)
- Seat belt
- Backup alarm, minimum 97 decibels (dB)
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Skidder Rates

Skidder classification is determined by net engine horsepower per manufacturer's specifications.

Manufacture Specifications:

https://www.ritchiespecs.com/manufacturers

Unit Type	Horsepower	Reduced Rate	Standard Rate	Extended Rate
Type I	191 – 275	$1,116.00	$2,232.00	$3,348.00
Type II	141 – 190	$957.00	$1,913.00	$2,870.00
Type III	90 – 140	$797.00	$1,594.00	$2,391.00

Skid-gines

- Minimum 500 gallon tank capacity
- Roll Over Protection System (R.O.P.S.)
- Seat belt
- Backup alarm, minimum 97 decibels (dB)
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Skid-gine Rates

Reduced Rate	Standard Rate	Extended Rate
$1,100.00	$2,200.00	$3,300.00

Feller Bunchers

- Roll Over Protection System (R.O.P.S.)
- Seat belt
- Backup alarm, minimum 97 decibels (dB)
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Feller Bunchers

Feller Buncher classification is determined by net engine horsepower per manufacturer's specifications.

Manufacture Specifications:

https://www.ritchiespecs.com/manufacturers

	Without Masticating Head			With Masticating Head		
Net Engine HP	**Reduced Rate**	**Standard Rate**	**Extended Rate**	**Reduced Rate**	**Standard Rate**	**Extended Rate**
201+	$1,268.00	$2,536.00	$3,804.00	$1,608.00	$3,316.00	$4,824.00
0 – 200	$1,015.00	$2,029.00	$3,044.00	$1,355.00	$2,689.00	$4,064.00

Track Skidsteers

- Roll Over Protection System (R.O.P.S.)
- Seat belt
- Backup alarm, minimum 97 decibels (dB)
- PPE identified in Chapter 6: Personal Protective Equipment of this manual
- Documents identified in Chapter 2: Supplier Registration and Chapter 7: Annual Safety Inspections and Permits of this manual

Track Skidsteer Rates

Track Skidsteers classification is determined by net engine horsepower per manufacturer's specifications.

Manufacture Specifications:

https://www.ritchiespecs.com/manufacturers

	Without Masticating Head			With Masticating Head		
Net Engine HP	**Reduced Rate**	**Standard Rate**	**Extended Rate**	**Reduced Rate**	**Standard Rate**	**Extended Rate**
151+	$1,018.00	$2,035.00	$3,053.00	$1,358.00	$2,715.00	$4,073.00
111 – 150	$815.00	$1,630.00	$2,445.00	$1,155.00	$2,310.00	$3,465.00
81 – 110	$678.00	$1,355.00	$2,033.00	$1,018.00	$2,035.00	$3,053.00
61 – 80	$478.00	$956.00	$1,434.00	$818.00	$1,636.00	$2,454.00
30 – 60	$319.00	$638.00	$957.00	$659.00	$1,318.00	$1,977.00

Mobile Sleeper Trailers

Must meet all State Fire Marshal and Public Health and Safety Codes for equipment of this type.

Type	Minimum Trailer Length	Minimum Bunks
Type I	40 feet	40
Type II	24 feet	12
Type III – with galley	24 feet	12

- For all types: Each bunk to be equipped with:
  - HVAC vent
  - Reading light
  - Electrical outlet
  - Privacy curtains
- Each trailer to be equipped with:
  - Non-disruptive aisle safety lighting
  - Noise reduction to provide a quiet environment
  - Exterior lights
  - Power source for 24-hour operation for assignment duration
  - HVAC (evaporative cooling is not acceptable) in proper operating condition; adequate to maintain 70°F
- Trailers to be maintained in a clean condition:
  - Bunks disinfected after each use
  - Bedding changed and laundered after each use
  - Counters, tables, and other surfaces cleaned and disinfected daily
  - Floors to be swept and mopped daily
  - Proper maintenance and changing of any air filters as indicated by owner's manual

Mobile Sleeper Trailer Rates

Type I and II rates are paid per actual number of bunks. Types define the minimum requirements.

Type III rates are paid per trailer.

Type	Minimum Trailer Length	Minimum Bunks	Reduced Rate	Standard Rate	Extended Rate
Type I	40 feet	40	$20.00	$40.00	$60.00
Type II	24 feet	12	$20.00	$40.00	$60.00
Type III; with galley	24 feet	12	$500.00	$1,000.00	$1,500.00

Equipment With Negotiated Rates

CAL FIRE may hire equipment that is not identified within this document. In this case, the rate will be negotiated and captured in an agreement.

Standards exist for the negotiated-rate equipment, described in the following pages.

Clerical Support Modules

A daily rate shall be negotiated for the unit. Separate rates shall be specified for: each page of copy, fax, scanned sheet, plotted sheet, and laminated sheet, and the minutes of long distance phone line use, etc.

Type I Clerical Support Modules must meet or exceed the following:

- A minimum of one (1) trained clerical person available with the unit 24 hours per day, proficient in word processing using Microsoft Office, and operating copiers, plotters, and printers. Suppliers and Supplier personnel are prohibited from working 24-hour shifts.
- The unit shall be climate controlled and shall arrive fully fueled.
- All necessary connections (wires/plugs) shall be provided by Supplier.
- A quiet type generator, of sufficient size to operate all equipment and climate control associated with the unit. The generator shall arrive fully fueled.
- Photocopiers: two (2) with capability to:
  - ◊ Produce 400 copies of 40 pages twice per day in three (3) hours.
  - ◊ Color page insert capable.
  - ◊ 11” x 17” page insert capable.
- Fax machines:
  - ◊ One (1) stationary; laser type, heavy duty, capable of sustaining large volume of faxing.
  - ◊ Three (3) remote with capability for photocopying, plain paper type and available for use at other locations at the Incident base.
- Telephone capabilities: Unit shall be pre-wired for telephone use with a minimum of four (4) line capability and a single hook-up box located on unit exterior.
- Computers: two (2) compact disc read-write drive, minimum of one available USB port, Microsoft Office Professional software, operating system of Windows 7 or better and networked with scanner and printers.
- Printer: One (1) laser type networked with all computers and capable of 11” x 17” printing.
- Color Printer: One (1) laser type networked with all computers.
- Plotter: One (1) 36” format, non-GIS ready and networked with all computers.
- Scanner: One (1) color flatbed networked with all computers.

Clerical Support Modules

Type I Clerical Support Modules, continued:

- Staplers: One (1) heavy duty and one (1) light duty stapler.
- Hole punch: One (1) heavy duty three-hole adjustable punch with capacity of 25 pages at a time.
- One (1) 18” Paper cutter.
- Laminator: One (1) 11” x 17” capacity.
- Paper shredder: One (1) cross cut type, capable of shredding 6 letter sized pages at a time.
- Clerical support module supply stock. Unit shall be initially stocked by the Supplier as follows and must maintain restocking at same level:
  - Minimum twelve (12) cases 8.5” x 11” paper
  - Minimum five (5) cases 11” x 17” paper
  - Minimum three (3) different colors of 8.5 x 11 paper (three (3) reams of each color)
  - Toner for seven (7) days
  - Copier and printer supplies for 80,000 copies
  - One hundred (100) blank writeable compact discs
  - Laminate supplies – laminate for twenty-five (25) copies, 11” x 17”
  - Laminate for fifty (50) copies, 8.5” x 11”
- Additional trained clerical support availability to meet incident demands.

Type II Clerical Support Modules must meet or exceed the following:

- Minimum of one trained clerical person, available with the unit 24 hours per day, proficient in word processing using Microsoft Office, and operating copier and printer. Suppliers and Supplier personnel are prohibited from working 24-hour shifts.
- The unit shall be climate controlled and shall arrive fully fueled.
- Generator: One (1) quiet type with sufficient size to operate all equipment described above.
- All necessary connections (wires/plugs) are to be provided by Supplier.

Clerical Support Modules

Type II Clerical Support Modules, continued:

- Photocopier: One (1) capable of producing 100 copies of 20 pages twice per day in three hours. Clerical staff or copies capability of insertion of up to three colored copies per Incident Action Plan.
- FAX machine: One (1) laser type, heavy duty, capable of sustaining large volume of faxing.
- Telephone capability: Minimum of 100 feet of telephone line with RJ-11 connectors.
- Computer: One (1) compact disc read-write drive, minimum of one (1) available USB Port, Microsoft Office Professional software, operating system of Windows XP or better and networked with printer.
- Printer: One (1) laser type networked to computer
- Stapler: One (1) heavy duty and one (1) light duty stapler
- Hole punch: One (1) three-hole heavy duty hole punch
- Clerical support module supply stock: Unit shall be initially stocked, with Supplier to maintain restock availability with the following supplies:
- Hole punch: One (1) heavy duty three-hole adjustable punch with capacity of 25 pages at a time.
- Clerical support module supply stock: Unit shall be initially stocked, with Supplier to maintain restock availability with the following supplies:
  - ◊ Minimum five (5) cases of 8.5” x 11” paper
  - ◊ Minimum three (3) different colors of 8.5” x 11” paper (one ream each color)

Helicopter Operations Support Modules

Trailer Specifications:

- Minimum 24’ trailer with stabilizers
- Two (2) work areas separated by door
- HVAC Climate control in each room
- Room 1, Radio Room: 180-degree window view with three (3) work stations; work stations to include 4.5 square-foot desk area and office style chairs.
- Viewing windows to be installed to provide adequate vertical and horizontal viewing. Windows should be tempered glass, laminated glass or glass covered with protective film to prevent shattering in case of impact from flying objects.
- Room 2, Meeting room with four (4) work stations/office style chairs
- Three (3) dry erase boards 36” x 24” (one (1) in radio room, two (2) in general work area) with dry erase markers
- Three (3) cork boards 36” x 24” (1 in radio room, 2 in general work area) with push pins
- One (1) technician able to program radios, satellite internet access deployment and maintain all Supplier equipment
- One (1) all-in-one printer, copier, scanner, fax capable of minimum 26-page-per-minute printing capability
- Two (2) reams of 8 ½ x 11 white paper (black and white acceptable)

Lighting Requirements:

- Adequate lighting at each work station
- Exterior lighting to allow safe access/egress and lighted briefing area

Electrical Requirements:

- 120/240 volt 50-amp service connection with disconnect switch at master breaker
- One (1) 50’ 50-amp extension cable – industry standard 50 amp twist lock connections
- One (1) 120-volt 15-amp electrical outlet at each work station
- Battery backup located external of work area with DC charging to maintain battery backup
- Two (2) 12-volt DC 15-amp outlets near radio equipment
- 15 kW generator with sound reduction insulation (whisper quiet type)

Helicopter Operations Support Modules

Communication Equipment Requirement (Radios):

- Radio, refer to form FC-100R for minimum radio specifications.
  - ◊ Two-way mobile radio with handheld or desk mic with adjustable volume control
  - ◊ Minimum of 450 channel capacity
  - ◊ Matched broadband antennas for each radio tuned to proper frequency bands and cover required MHz spectrum
  - ◊ Antennas to be mast or roof mounted
  - ◊ Minimum CTCSS (32 selectable tones), and DCS tones.
  - ◊ Set to operate in analog narrowband unless otherwise specified
  - ◊ All radios must utilize Win 7 or later software
- RF Cables:
  - ◊ Accessible for testing in complete route
- VHF-AM Base Station: (2 each) (mobile or base)
  - ◊ Desk or handheld mic with adjustable volume control
  - ◊ Available user programming instruction manual
- Ready for immediate use:
  - ◊ All radio equipment must be ready for immediate programming and use
  - ◊ Supplier to provide all programming software and dongle (programming cable)
  - ◊ Supplier to provide all required hardware

Communication Equipment Requirement (Telephones/Internet Service/Access)

- One (1) customer accessible external patch panel, 3 line minimum
- Four (4) pre-wired RJ-11 phone jacks
- Four (4) pre-wired RJ-45 wall jacks
- Telephone handset at each work station
- High Speed Satellite Internet including service provider
- Minimum 2MB upload and 5MB download
- Wireless LAN (3 ports)

Helicopter Operations Support Modules

Additional Equipment Requirements:

- Public Address System: Operated from the dispatch area providing audio 360 degrees around outside trailer area. (Minimum 30 watts)
- Ten (10) time tracking devices/timers
- Digital weather station capable of:
  - Wind Speed
  - Wind Direction
  - Temperature
- Three (3) 48-quart ice chests
- Four (4) 6-foot folding tables
- Twenty (20) Folding chairs
- Functional CO detector(s)
- Functional Smoke Detector(s)
- Fire Extinguisher(s)
- 200 square feet of shaded area anchored (capable of withstanding rotor wash and wind)

HIRED EQUIPMENT

CHAPTER 9

FORMS

Please Note:

The forms provided in this section are examples only. These forms will help interested Suppliers to ensure that all information and documentation required for program participation has been assembled and is ready for the CAL FIRE representative during the open enrollment appointment.

Suppliers should not complete these forms prior to meeting with the Unit Hired Equipment Coordinator or other CAL FIRE Certified Purchaser.

Sample forms include:

- Equipment Owner or Broker Declaration (CAL FIRE-157)
- Supplier Performance Evaluations (CAL FIRE-230)
- Emergency Equipment Rental Agreement (CAL FIRE-294)
- Emergency Shift Ticket and Evaluation Form (CAL FIRE-297)
- Radio Frequency Use Agreement (FC-100R)
- Faller, Bulldozer/Transport, and Water Tender Minimum Equipment Requirements Checklist (FC-291)
- Forestry Mobile Equipment Work Order (ME-107)
- Emergency Equipment Fuel and Oil Issue (OF-304)
- Payee Data Record (STD. 204)

Appointments

To schedule an appointment during open enrollment, contact the Unit Hired Equipment Coordinator in the Unit where your equipment is stored.

Find your Unit contact information here: https://www.fire.ca.gov/resources/hired-equipment/

Equipment Owner or Broker Declaration (CAL FIRE-157)

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
EQUIPMENT OWNER OR BROKER DECLARATION
CAL FIRE-157 (Rev. 9/07)

EQUIPMENT OWNER OR BROKER DECLARATION

Instructions: Prior to performing work under the terms of a contract or agreement, all owners, Certified Small Business (CSB), Disabled Veteran (DV) owner(s) and DV manager(s) of the Disabled Veteran Business Enterprise (DVBE), must complete this declaration when any piece of equipment will be provided for rental to the state. **At the time this document is submitted the vendor must also provide proof of ownership of equipment and insurance in the name of the business or Sole Proprietor**. (Effective January 1, 2004, Military and Veterans Code, Section 999.2 was amended to provide definitions and specific declaration requirements. Violations are misdemeanors and punishable by imprisonment or fine and violators are liable for civil penalties).

NAME OF CONTRACT OR AGREEMENT	CONTRACT ID NUMBER
NAME OF CERTIFIED CSB/DBVE	CSB/DVBE REFERENCE NUMBER

Check all of the following areas that apply and provide original signatures.

☐ Pursuant to Military and Veterans Code Section 999.2 (c), (d) and (g), I am (we are) the DV(s) with at least 51% ownership of the DVBE, or a DV manager(s) of the DVBE. I (we) own at least 51% of the equipment (quantity and value) that will be used to perform the State of California contract identified above. The DVBE obtained the contract by representing that the DVBE meets and maintains all of the requirements for certification as a DVBE. I (we), the DV owners, have submitted to the administering agency my (our) personal federal tax return(s) at time of certification and annually thereafter as defined in subsections (c) and (g). *Failure by the disabled veteran owner(s) to submit their personal federal tax return(s) to the administering agency as defined in subsections (c) and (g), will result in the DVBE being deemed an equipment broker.* **I am currently certified with California DGS.** Additionally, daily business operations must be managed and controlled by one or more disabled veterans,(the disabled veteran(s) who manage and controls the business is not required to be the disabled veteran business owner(s).

☐ I am (we are) the CSB(s) with ownership of the CSB. I (we) have legal and financial control of the equipment (quantity and value) that will be used to perform the State of California contract identified above. The CSB obtained the contract by representing that the CSB meets and maintains all of the requirements for certification as a CSB. I (we), the CSB owners, have submitted to the administering agency my (our) personal federal tax return(s) at time of certification and annually thereafter. **I am currently certified with California DGS.**

☐ I am not a CSB/DVBE. I/we do have ownership of the business. I (we) have legal and financial control of the equipment (quantity and value) that will be used to perform the State of California contract identified above.

Owner(s) *(attach additional pages with sufficient signature blocks for each person to sign)*:

PRINTED NAME OF OWNER	SIGNATURE	DATE SIGNED
ADDRESS OF OWNER	TELEPHONE NUMBER OF OWNER	TAX IDENTIFICATION NUMBER OF OWNER
PRINTED NAME OF OWNER	SIGNATURE	DATE SIGNED
ADDRESS OF OWNER	TELEPHONE NUMBER OF OWNER	TAX IDENTIFICATION NUMBER OF OWNER

Disabled Veteran Manager(s) (if any) of the DVBE *(attach additional pages with sufficient signature blocks for each person to sign)*:

PRINTED NAME OF CSB/DV MANAGER	SIGNATURE OF CSB/DV MANAGER	DATE SIGNED

How does the qualifying Disabled Veteran(s) maintain operational control of the business? For each qualifying disabled veteran, list their name, ownership title, percentage of ownership, and specify the activities he/she performs, manages or supervises.

Principal Business Phone:		Principal Business Address:	

Pursuant to the federal Privacy Act (P.L. 93-579) of 1974 and the California Information Practices Act (IPA) of 1977 (California Civil Code Sections 1798, et seq.), notice is hereby given for the request of personal information for CAL FIRE-157. Provision of this information is mandatory. The principal purpose of this information is to determine eligibility for an EERA (Emergency Equipment Rental Agreement). Information obtained may be shared with the Office of Small Business Certification (Department of General Services) to verify California certification eligibility.

SAMPLE

Supplier Performance Evaluations (CAL FIRE-230)

STATE OF CALIFORNIA, NATURAL RESOURCES AGENCY
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
SUPPLIER PERFORMANCE EVALUATION
CAL FIRE-230 (REV. 01/20)

1. INCIDENT NAME	2. ORDER NUMBER	3. REQUEST NUMBER	4. START – END DATE –
5. SHIFT/OPERATIONAL PERIOD	6. OPERATOR	7. ASSIGNMENT OR LOCATION	

SUPPLIER INFORMATION

8. NAME	9. ADDRESS	10. PHONE AND CONTACT
11. ☐ SERVICE ☐ COMMODITY ☐ RENTAL EQUIPMENT		12. AGREEMENT #
13. BRIEF DESCRIPTION OF SERVICES/COMMODITY/EQUIPMENT ORDERED:		

14. RATING FACTORS	**YES**	**NO**
A) GAVE AND MET ACCEPTABLE ETA/COMMITMENT.	☐	☐
B) ARRIVED PREPARED, EQUIPPED, AND READY TO WORK.	☐	☐
C) MET WITH ASSIGNED SUPERVISOR FOR DIRECTION.	☐	☐
D) MET PERFORMANCE EXPECTATIONS.	☐	☐
E) EQUIPMENT IN SAFE WORKING CONDITION.	☐	☐
F) PERSONNEL WERE SKILLED AND OPERATED SAFELY.	☐	☐
G) PERSONNEL'S LEVEL OF COOPERATION WAS ACCEPTABLE.	☐	☐
H) OTHER:	☐	☐
I) RECOMMENDATION FOR REHIRE/REUSE	☐	☐*
J) OVERALL RATING OF PERFORMANCE: ☐ POOR** ☐ AVERAGE ☐ GOOD ☐ EXCEPTIONAL		

* RECOMMENDATION OF NO REHIRE/REUSE **REQUIRES** EXPLANATION OR COMMENT.
RATING OF POOR **REQUIRES EXPLANATION OR COMMENT.

15. COMMENTS:

SIGNATURE BELOW DOES NOT CONSTITUTE AGREEMENT WITH RATING, BUT THAT RATING WAS DISCUSSED WITH SUPPLIER OR REPRESENTATIVE.

16. SUPPLIER/REPRESENTATIVE NAME/TITLE		17. CAL FIRE REPRESENTATIVE NAME/POSITION	
18. SIGNATURE	19. DATE	20. SIGNATURE	21. DATE

NOTE: EQUIPMENT SAFETY/COMPLIANCE INSPECTIONS ARE REQUIRED TO BE DOCUMENTED SEPARATELY.
DISTRIBUTION: ORIGINAL TO INCIDENT PACKAGE. **COPIES** TO ADMINISTRATIVE UNIT AND SUPPLIER.

SAMPLE

Emergency Equipment Rental Agreement (CAL FIRE-294)

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
EMERGENCY EQUIPMENT RENTAL AGREEMENT
CAL FIRE-294 (REV. 01/20)

EMERGENCY EQUIPMENT RENTAL AGREEMENT

1. ORDERING OFFICE *(Name and address)*	SUPPLIER ID MUST APPEAR ON ALL PAPERS RELATING TO THIS AGREEMENT	
	2. SUPPLIER ID	
	3. EFFECTIVE DATES	
	a. Beginning	b. Ending
4. SUPPLIER *(Name and address)* Remit to:	4.a. Dispatch Contact	4.b. Business Contact
Facility:	5. POINT OF HIRE *(location when hired)*	

6. TYPE OF SUPPLIER–*Small Business (SB) or Disabled Veteran Business Enterprise (DVBE)*

☐ SB Certificate No. ☐ DVBE Certificate No.

7. ITEM DESCRIPTION *(Make, model, year, serial number, accessories, etc.)*	8. RATE: REDUCED (Up to 8 hr)	9. RATE: STANDARD (8 – 16 hr)	10. RATE: EXTENDED (16+ hr)	11. RATE: SPECIAL	
				Rate	Unit
a. Operating supplies furnished by: ☐ Supplier (wet) ☐ Government (dry) Operator(s) furnished by: ☐ Supplier ☐ Government					
b. Operating supplies furnished by: ☐ Supplier (wet) ☐ Government (dry) Operator(s) furnished by: ☐ Supplier ☐ Government					

12. SPECIAL PROVISIONS
Agreed upon rates are subject to change as provided by the Hired Equipment Program Supplier Participation Manual.

13. SUPPLIER'S OR AUTHORIZED AGENT'S SIGNATURE	14. DATE	15. CONTRACTING OFFICER'S SIGNATURE	16. DATE

17. PRINT NAME AND TITLE	18. PRINT NAME AND TITLE

DISTRIBUTION: OF CAL FIRE-294 AND ATTACHMENTS: **ORIGINAL** OF ALL PAGES TO THE UNIT'S HIRED EQUIPMENT COORDINATOR; **COPY** OF ALL PAGES TO THE SUPPLIER.
IF PREPARED AT AN INCIDENT: ORIGINAL TO THE FINANCE SECTION AND **COPIES** OF ALL PAGES TO THE SUPPLIER AND TO THE GROUND SUPPORT UNIT LEADER.

SAMPLE

Emergency Equipment Rental Agreement (CAL FIRE-294)

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
EMERGENCY EQUIPMENT RENTAL AGREEMENT
CAL FIRE-294 (REV. 01/20)

GENERAL CLAUSES ATTACHED TO EMERGENCY EQUIPMENT RENTAL AGREEMENT

Since the equipment needs of the State and availability of Supplier's equipment during an emergency incident cannot be determined in advance, it is mutually agreed that, upon request of the State, the Supplier shall furnish the equipment listed herein to the extent the Supplier is willing and able at the time of order. At time of dispatch, an Incident Order Number and Request Number will be assigned. Supplier must furnish this number upon arrival and check in at the incident. When such equipment is furnished to the State, the following provisions shall apply:

CLAUSE 1. Condition of Equipment - All equipment furnished under this agreement must be in good working order and safe to operate. The State reserves the right to reject equipment which is not in safe and operational condition. No payment will be made for rejected equipment.

CLAUSE 2. Hours In Service - On mobilization and demobilization days, "hours in service" includes transit to and from the incident per the Hired Equipment Program Supplier Participation Manual, Chapter 6, except as provided in Clause 8.

CLAUSE 3. Transportation of Equipment - Equipment will be transported at State expense from point of hire to the reporting location and return, except as provided in Clause 8.

CLAUSE 4. Operating Supplies - Operating supplies include fuel, oil, filters, and lube/oil changes. Even though the agreement may specify that all operating supplies are to be furnished by the Supplier (wet), the State may, at its option, elect to furnish such supplies when necessary to keep the equipment operating. The cost of such supplies will be deducted from payment to the Supplier.

CLAUSE 5. Repairs - Repairs to equipment shall be made and paid for by the Supplier. The State may, at its option, elect to make such repairs when necessary to keep the equipment operating. The cost of such repairs will be deducted from payment to the Supplier.

CLAUSE 6. Timekeeping - Time will be recorded by the State Agent responsible for ordering and/or directing use of each piece of equipment. Time will be recorded as follows:

a. Hourly Rate – to nearest quarter hour.
b. Reduced Rate – A single shift of eight (8) hours or fewer.
c. Standard Rate – A single shift greater than eight (8) and fewer than sixteen (16) hours.
d. Extended Rate – A single shift greater than sixteen (16) up to twenty-four (24) hours.
e. Mileage Rate – to nearest mile.

CLAUSE 7. Payments

a. Rates of payments: Rates for equipment hired with operator(s) include all operator(s) expenses except those items provided by the State under Clause 9. Payment for equipment and operator(s) furnished will be at rates specified and, except as provided in Clause 8, shall be in accordance with the following:
   (1) Rates (columns 8-11 above): Shall apply when equipment is in service as ordered by the State and on shift, including travel to and from the incident, one round trip.
   (2) Special Rates (column 11 above): Shall apply as specified.
   (3) Daily Rate (columns 8-10): Payment will be made on basis of calendar days.
b. Method of Payment: Lump-sum payment will normally be processed at the end of the emergency incident. Payment for each calendar day will be made for shifts worked, supported by accurately completed shift tickets when applicable.

SAMPLE

Emergency Equipment Rental Agreement (CAL FIRE-294)

GENERAL CLAUSES ATTACHED TO EMERGENCY EQUIPMENT RENTAL AGREEMENT

CLAUSE 8. Exceptions

a. No further payment under Clause 7 will accrue during any period that assigned equipment is not in a safe or operable condition or when Supplier-furnished no operator is available.
b. If the Supplier withdraws equipment and/or operator(s) prior to being released by the State, no further payment under Clause 7 shall accrue and the Supplier shall bear all costs of returning equipment and/or operator(s) to the point of hire.
c. Equipment Failure and/or Unplanned Operator Unavailability: After inspection and acceptance for use, equipment that cannot be repaired and/or furnished operator(s) that cannot be replaced at the site of work by the Supplier (or by the State in accordance with Clause 5) within 24 hours, the State may consider the equipment withdrawn by the Supplier in accordance with Paragraph 8.b. above.

CLAUSE 9. Prompt Payment Clause - Payment will be made in accordance with, and within the time specified in, Government Code Chapter 4.5, commencing with Section 927. In the event of an emergency, as defined in section 927.11, late payment penalties may not apply. If an invoice from a business under contract with CAL FIRE becomes subject to late payment penalties during the annually declared fire season, then the required payment approval date shall extend thirty (30) calendar days beyond the initial forty-five (45)-day period, except in the case of a contract with a certified Small Business (SB), a certified Disabled Veteran Business Enterprise (DVBE), a non-profit organization, or a non-profit public benefit corporation.

CLAUSE 10. Meals and Sleeping Area - When an incident base or camp is established, meals and sleeping area for the Supplier and/or operators shall be furnished without charge at the incident base. When enroute to or from the incident, meals and lodging are the responsibility of the Supplier.

CLAUSE 11. Loss, Damage, or Destruction - Damage to hired equipment resulting from exposure to fire or from firefighting activities will be documented by the Compensation and Claims Unit at the incident. The documented damage will be addressed through appropriate action at the incident.

CLAUSE 12. Supplier's Responsibility - The parties intend that Supplier be an independent contractor and the Supplier and its employees are not agents or employees of State; Supplier shall indemnify State against all liability, loss, damage, or expense caused by reason of acts or neglect of Supplier, his/her employees, or agents in connection with the performance of the Agreement; Supplier shall furnish, at its own expense, public liability and Workers' Compensation insurance. Theft, fire, and other insurance Supplier deems necessary for its protection shall be at Supplier's expense. Supplier certifies under the penalty of perjury under the laws of the State of California to have, unless exempted, complied with the nondiscrimination program requirements of Government Code Section 12990 and California Code of Regulations, Title 2, Section 8103.

CLAUSE 13. Labor Code/Workers' Compensation - Supplier needs to be aware of the provisions which require every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions, and Supplier affirms to comply with such provisions before commencing the performance of the work of this Agreement. (Labor Code Section 3700)

SAMPLE

Emergency Equipment Rental Agreement (CAL FIRE-294)

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
EMERGENCY EQUIPMENT RENTAL AGREEMENT
CAL FIRE-294 (REV. 01/20)

GENERAL CLAUSES ATTACHED TO
EMERGENCY EQUIPMENT RENTAL AGREEMENT

CLAUSE 14. Deductions - Unless specifically stated elsewhere in this agreement the cost of any commissary items, supplies, materials, or services provided for the Supplier by the State shall be deducted from the payment to the Supplier.

CLAUSE 15. Personal Protective Equipment (PPE) - Operators employed by Supplier shall be provided with safety equipment specified in the Hired Equipment Program Supplier Participation Manual, Chapter 3, by Supplier. Operators shall be issued additional PPE by the Supplier when required by the State. Equipment issued by the State shall be turned in upon release from the emergency incident. Cost of safety equipment not returned will be deducted from final payment to Supplier.

CLAUSE 16. Darfur Contracting Act Supplier Certification Form CAL FIRE-720 – Under the Darfur Contracting Act (Public Contract Code Sections 10475-10481), if a company that currently, or within the previous three years, has had business activities or other operations outside of the United States submits a bid or proposal for a State of California contract for goods or services, the State agency must require the company to certify that it is not a scrutinized company as defined in Public Contract Code Section 10476, or that it is a scrutinized company that has been granted permission by the California Department of General Services (DGS) to submit a bid or proposal for the contract.

SUPPLIER: Initial either line (a) or (b) below, to indicate your company's current certification requirement:

_____(a) We currently have, or have had within the previous three years, business activities or other operations outside of the United States, and, therefore, are required to and shall complete and submit a form CAL FIRE-720 (Darfur Contracting Act Supplier Certification) with our bid or proposal for this contract for goods or services.

OR

_____(b) We currently do not have, and have not had within the previous three years, business activities or other operations outside of the United States, and, therefore, are NOT REQUIRED to complete and submit a form CAL FIRE-720 (Darfur Contracting Act Vendor Certification) with our bid or proposal for this contract for goods or services.

CLAUSES INCORPORATED BY REFERENCE
This Agreement incorporates the clauses found on DGS form CCC 307 by reference, with the same force and effect as if they were given in full text.

SUPPLIER agrees to these General Clauses 1 – 16.

_____ _____
Supplier's Initials Date

SAMPLE

Emergency Equipment Rental Agreement (CAL FIRE-294)

SUPPLEMENTAL GENERAL PROVISIONS ATTACHED TO EMERGENCY EQUIPMENT RENTAL AGREEMENT

A. **REPAIR BILLING RATE –** The State billing rate for mechanical or repair services shall be deducted at the rate of $150.00 per hour, plus parts.

B. **SAFETY EQUIPMENT –** Suppliers shall be responsible for providing their own PPE as in Clause 15 and additional required safety equipment as follows:

Water tenders, fuel trucks, and transports shall be equipped with reflectors (1 set of three), fire extinguisher (2A10BC or better), chock blocks of appropriate size for tire diameter, electronic backup alarm (minimum 97 decibels).

Supplier shall comply with the wildland firefighting requirements as set forth in Title 8, California Code of Regulations, Section 3410 (General Industry Safety Orders).

Safety Requirements – All bulldozers and motor graders shall be equipped with roll-over protective structures and seat belts pursuant to the requirements of Title 8, Section 1590 through 1596 (Construction Safety Orders) of the California Code of Regulations. Operators shall be instructed in the use of required safety belts.

C. **CONDITION OF EQUIPMENT –** Clause 1 is supplemented as follows: No payment for travel to an incident or return home will be made for equipment that does not pass inspection.

D. **PAYMENTS –** P-Card is not an acceptable payment mechanism for Hired Equipment services.

E. **RE-INSPECTION COSTS –** All equipment that does not pass initial inspection at an incident may be given an opportunity for re-inspection. However, the Supplier will be charged $150.00/hour for the second inspection. This cost will be pro-rated in 30 minute increments.This re-inspection charge also applies to any vehicle that carries 15 passengers or more, regardless of gross vehicle weight rating (GVWR).

F. **WATER TENDER INSPECTIONS –** All privately owned special equipment (SE) plate water tenders and commercial plate water tenders weighing 26,001 lbs. or greater GVWR are required to be inspected prior to each fire season; in no case shall the Department accept an inspection that is older than 12 months. The inspection must have been performed by California Highway Patrol (CHP) or a facility licensed to operate as a commercial motor vehicle repair and maintenance shop. Neither Forest Service nor CAL FIRE personnel shall perform this service. All costs shall be borne by the Supplier. The inspection will meet the criteria of Federal Motor Carrier Safety Regulations, Part 393, Parts and Accessories Necessary for Safe Operation, 393.1 through 393.209 and Title 49, Parts 40, 325, 350 and 399 and California Vehicle Code Division 14.8, 34500, Safety Regulations and California Code of Regulations Title 13.

All privately owned water tenders, regardless of vehicle registration, must carry a copy of the inspection with them and provide a copy to the CAL FIRE Unit that originally signed up the equipment.

SAMPLE

Emergency Equipment Rental Agreement (CAL FIRE-294)

SUPPLEMENTAL GENERAL PROVISIONS ATTACHED TO EMERGENCY EQUIPMENT RENTAL AGREEMENT

The commercial motor vehicle shop's Department of Transportation (DOT) inspection form is only acceptable if the following are shown:

1. Shop's address and phone number.
2. Vehicle's identifying numbers (license and serial).
3. All critical items identified in the regulations listed above.
4. Repair documentation must show, in addition to F.1. and F.2. above, itemization of repairs completed.
5. All forms and job orders must be legible.

Alternatively, the R5-5100-2T Inspection Form, may be used by the Supplier. If this form is used, F.1., F.2. and F.4. (when applicable) must be shown and be accompanied by a copy of the inspector's work order. Finally, either of CHP inspection forms CHP 407F, Safetynet Driver/Vehicle Inspection Report, or CHP 343A, Vehicle/Equipment Inspection Report, Motor Carrier Safety Operation is acceptable (CHP 108, Truck and/or Tractor Maintenance and Safety Inspection, is suggested as a guide only; it may not be used in lieu of the inspection). Any vehicle arriving at an incident without proof of successful completion of the inspection, along with proof that noted defects have been corrected, shall be rejected.

CAL FIRE personnel shall perform a complement, capability, and capacity inspection on fireline equipment at the incident prior to fireline assignment. The inspection will not be performed and no payment will be made to the Supplier until the above proof of commercial inspection is provided.

G. **EMERGENCY EQUIPMENT RENTAL RATES –** Rates are published in the Hired Equipment Program Supplier Participation Manual and are incorporated in this agreement per Provision J.

H. **CHILD SUPPORT WITHHOLDING DISCLAIMER –** Payment for services provided under this contract may be subject to withholding pursuant to a child support income withholding order. California 5206, 5246, and 17512.

I. **PERMITS AND DRIVING REGULATIONS –** Suppliers are responsible for obtaining any transportation permits required by regulatory agencies. Suppliers are responsible to provide a sufficient number of qualified operators to meet all applicable Federal, State, and local laws and regulations for the shifts assigned, including travel hours on mobilization and demobilization days. Suppliers and drivers of regulated hired equipment are not exempt from the limitations on driving hours or logbook requirements of the Federal Motor Carrier Regulations (Code of Federal Regulations, Part 395), California Motor Carrier Regulations (California Code of Regulations, Title 13, §1212), or the California Vehicle Code (§34500 et seq).

J. **INCORPORATED BY REFERENCE –** This Agreement incorporates The Hired Equipment Program Supplier Participation Manual by reference, with the same force and effect as if it were given in full text. Noncompliance shall be subject to sanctions by CAL FIRE and possible civil and/or criminal action where authorized by law.

SAMPLE

Emergency Equipment Rental Agreement (CAL FIRE-294)

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
EMERGENCY EQUIPMENT RENTAL AGREEMENT
CAL FIRE-294 (REV. 01/20)

SUPPLEMENTAL GENERAL PROVISIONS ATTACHED TO EMERGENCY EQUIPMENT RENTAL AGREEMENT

SUPPLIER agrees to these Supplemental General Provisions A – J.

_____ _____
Supplier's Initials Date

SAMPLE

Emergency Shift Ticket and Evaluation Form (CAL FIRE-297)

EMERGENCY SHIFT TICKET and EVALUATION FORM
The responsible Government Officer will complete this form each shift

Incident or Project Name	Incident Number	Request Number

Agreement Number	
Equipment Make	Equipment Model / Type
Serial Number	Licence Number

Equipment Use

Date Mo / Day	Start	Stop	(Circle) Hours / Days / Miles Work	Assignment

Vendor Rating

	Poor*	Avg.	Good	Exc.	N/A
Met Performance Expectations					
Equipment in Safe Working Condition					
Operator Skill Level					
Operates Safely					
Operator's Cooperation Level					
Overall Performance					

Contractor Name	
Operator #1	Operator #2

Operator Furnished By: ☐ Contractor ☐ Government

Operating Supplies Furnished By: ☐ Contractor ☐ Government

Equipment Status: ☐ Inspected ☐ Under Agreement ☐ Released by Government ☐ Withdrawn by Contractor

Remarks/Comments **

Govt. Rep. Name and Position - PRINT

Govt. Rep. Signature

Contractor Signature

Date Time

* NOTE: Any rating of POOR requires an explanation in Comment Section.
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.

CAL FIRE 297 (Rev 3-2011)

Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative OSP 11 123052

SAMPLE

Radio Frequency Use Agreement (FC-100R)

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
RADIO FREQUENCY USE AGREEMENT
FC-100R (Revised 4/29/19)

RADIO FREQUENCY USE AGREEMENT HIRED EQUIPMENT FC-100R

This agreement is required by Federal Communications Commission (FCC) Rules and Regulations to permit authorized equipment contractors to utilize radio frequencies assigned to California Department of Forestry and Fire Protection (CAL FIRE) during the performance of contract obligations while supporting CAL FIRE suppression or other emergency operations.

This agreement will be entered into only with those equipment contractors who have completed the CAL FIRE-294 Emergency Equipment Rental Agreement (EERA).

AGREEMENT FOR USE OF RADIO FREQUENCIES

1. **Cooperator Radios Accepted for Fire Use**

RADIO EQUIPMENT: It is mutually agreed between CAL FIRE and the contractor, that the contractor agrees to acquire, at their own expense, mobile or portable radios to operate on the designated radio frequencies, as directed by the authorized CAL FIRE representative. The contractor agrees to utilize only radios currently listed on the National Inter-Agency Fire Center (NIFC) "Approved Radios" document dated 11 May 2016, and FCC type accepted for operation under FCC Rules Part-90 or Part-88 (as may be adopted by the FCC). The "Approved Radios" document is attached but can be found at this link: https://www.nifc.gov/NIICD/docs/approved_radios.pdf

It is beneficial to understand just how programming works at all CAL FIRE incidents. CAL FIRE is mandated by the State Administrative Manual (SAM), to utilize the expertise of the Governor's Office of Safety Communications (PSC) to build all radio loads, programming radio loads, and repair all radios utilized for all CAL FIRE's first responder missions. Time and money are spent throughout the year to prepare radio loads for all of CAL FIRE's radios.

These are the "loads" used by the PSC techs during the incidents for radio cloning and general programming. The radios that are supported by the creation of these loads are as follows:

- BK GPH/DPH Commander (Portable)
- Relm KNGP150CMD (Portable)
- Kenwood TK790 CAL FIRE Firmware (Mobile)
- Relm KNGM150CMD (Mobile)

[Type here]

SAMPLE

Radio Frequency Use Agreement (FC-100R)

CAL FIRE follows the guidance that the radios listed on the NIICD link above are the only authorized radios for Federal fires. The four radio types listed directly above are the only radios that can be cloned on and CAL FIRE incident. Hired equipment entities are not authorized to receive a "loaner radio" from the incident in the event an unsupported radio is presented.

2. RADIO AMOUNTS: Contractor is authorized to program and operate the following quantities and type of radio equipment:
   A. number of mobile radios: _____ B. number of portable radios: _____

3. FCC LICENSE: The radio equipment referred to in paragraph 2 above shall remain the property of the contractor, but the State of California shall be the licensee thereof, in accordance with the FCC mobile system license KA-3134, while the contractor is utilizing the specified radio frequencies.

4. AUTHORIZED USE: CAL FIRE authorizes the contractor to utilize the specified radio frequencies only during the period the contractor is "under hire" by CAL FIRE, when CAL FIRE has
   dispatched the contractor and issued an Incident Order Number and Request Number to the contractor. While in route to and from an incident, the contractor is authorized to use the frequency if they are assigned as an element of a strike team. Unless communication is needed between contractor and a CAL FIRE representative and/or CAL FIRE Emergency Command Center (ECC), contractor is not authorized to utilize any of these radio frequencies for any other use.

5. OPERATION: Contractor agrees to operate and maintain specified radio equipment in accordance with all Rules and Regulations of the FCC. It is the contractor's responsibility to obtain and become familiar with all applicable FCC Rules.

6. Violations: If the contractor violates any applicable FCC Rules or Regulations, CAL FIRE may immediately terminate this radio frequency use agreement.

7. INDEMNIFICATION: Pursuant to Section 895.4 of the Government Code, and recognizing that the contractor is to have actual operating control of the specified equipment, contractor agrees to indemnify CAL FIRE and its officers and employees against any-and-all liability arising out of the performance of this agreement which may be imposed on CAL FIRE by any law, including Section 895.2 of the Government Code.

8. COMMUNICATIONS: Clear text (plain English) will be used for all communications. "CODES SHALL NOT BE USED".

9. RADIO FREQUENCIES: CAL FIRE authorizes equipment contractors which have an EERA with CAL FIRE to program the attached frequency list into either their mobile or portable radios.

10. Any additional "local frequencies" that a unit deems as important to the operation of hired equipment are to be attached to this FC-100R as an addendum.

[Type here]

SAMPLE

Radio Frequency Use Agreement (FC-100R)

a. Federal and State agencies in California use the following thirty-two standard tones for repeater access. These tones should be programmed in the operator selectable tone feature of the radio.

Tone 1 = 110.9	Tone 2 = 123.0	Tone 3 = 131.8	Tone 4 = 136.5
Tone 5 = 146.2	Tone 6 = 156.7	Tone 7 = 167.9	Tone 8 = 103.5
Tone 9 = 100.0	Tone 10 = 107.2	Tone 11 = 114.8	Tone 12 = 127.3
Tone 13 = 141.3	Tone 14 = 151.4	Tone 15 = 162.2	Tone 16 = 192.8
Tone 17 = 67.0	Tone 18 = 71.9	Tone 19 = 74.4	Tone 20 = 77.0
Tone 21 = 79.7	Tone 22 = 82.5	Tone 23 = 85.4	Tone 24 = 88.5
Tone 25 = 91.5	Tone 26 = 94.8	Tone 27 = 97.4	Tone 28 = 118.8
Tone 29 = 173.8	Tone 30 = 179.9	Tone 31 = 186.2	Tone 32 = 203.5

b. TERM: The term of this agreement shall commence immediately and will be valid for the duration of the applicable CAL FIRE-291 EERA.

SAMPLE

Contractor or Authorized Agent (Signature) _____ Date _____

Contractor's Printed Name _____

CAL FIRE Representative (Signature) _____ Date _____

CAL FIRE Representative's Printed Name _____

[Type here]

Faller, Bulldozer/Transport, and Water Tender Minimum Equipment Requirements Checklist (FC-291)

STATE OF CALIFORNIA, NATURAL RESOURCES AGENCY
DEPARTMENT OF FORESTRY AND FIRE PROTECTION

FALLER, BULLDOZER/TRANSPORT, and WATER TENDER Minimum Equipment Requirements Checklist
FC-291 (REV. 01/20)

Company/Supplier Name & Order/ Request #	**Equipment Description (Type/Year/Make)**
Driver/Operator Signature & Contact Phone #	**Model & License or Serial/ VIN Number**

FIRELINE WATER TENDER	**FIRELINE BULLDOZER**
☐ Reflectors – DOT- set of 3	☐ ROPS with sweeps and side / rear screens
☐ 2 Chock blocks – appropriate for tire size	☐ Belly pans ☐ Rock guards (Optional)
☐ Minimum 1 quart drinking water/person/hour	☐ Radiator protection
☐ Flashlight ☐ Seat belts (Serviceable)	☐ Flashlight ☐ Seat belts (Serviceable)
☐ Contractor's identification on equipment items	☐ Lights – 4 front and 2 rear
☐ Back-up alarm (97 dB minimum)	☐ 1 - Shovel and 1 - Axe or Pulaski
☐ Fire Extinguisher (2A10BC min.) Mounted	☐ Backup Alarm (97 dB minimum)
☐ 1 - Shovel and 1 - Axe or Pulaski	☐ Fire Extinguisher (2A10BC min.) Mounted
☐ Road Spraying: forward or rear-facing capable	☐ Fire Curtains mounted on front, sides & rear
☐ Radio: Refer to form FC-100R	☐ Minimum 1 quart drinking water per person per hour
☐ If Radio is mounted; external speaker	
☐ 200 GPM Pump (minimum), Drafting capable	☐ Radio: Refer to form FC-100R
☐ Backflow protection device	☐ Radio headset
☐ 24' hard suction hose - 2.5" or 3" connections	**TRANSPORT**
☐ Legal tank capacity	☐ Record of Safety Inspect within past 12 mo.
☐ Tank baffles	☐ Seat belts (Serviceable)
☐ Certified weight ticket with legal tare load limit by axle/group	☐ Fire Extinguisher (2A10BC min) Mounted
	☐ Reflectors DOT-set of three
☐ 1 - 1" combination nozzle w/ 1.5" x 1" reducer	☐ Mirrors, Glass, & Lights_____
☐ 100' x 1½" fire hose with nozzle	☐ Radio: Refer to form FC-100R
☐ 2 – 1½" gated male NH discharge outlets or gated wye	☐ # Axles_____ # Tires_____
☐ 1.5" fire hose clamp and hydrant wrench	**FALLER**
☐ 1- 25' x 2.5" min. hydrant fill hose with NH fittings	☐ Chaps ☐ Falling Axe & Wedges ☐ Spark Arrestor ☐ On/Off switch
☐ Record of Safety Inspection within past 12 months	☐ Chain Brake ☐ Headlamp or Flashlight ☐ Radio: Refer to form FC-100R
**See requirements for potable water equipment on the following page.*	☐ Saw tool kit ☐ Bar length _____

SAMPLE

Faller, Bulldozer/Transport, and Water Tender Minimum Equipment Requirements Checklist (FC-291)

STATE OF CALIFORNIA, NATURAL RESOURCES AGENCY
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
FALLER, BULLDOZER/TRANSPORT, and WATER TENDER Minimum Equipment Requirements Checklist
FC-291 (REV. 01/20)

POTABLE WATER EQUIPMENT
Equipment less than 500 gallons used for servicing portable hand washing equipment, etc., do not qualify for the potable water tender rate.
☐ California DPH Sanitary Certification (sticker affixed to the tank)
☐ Activity log for each potable water tank that is permanently attached to licensed motor vehicle
☐ Confirm monthly water tests and vehicle water source log
☐ Current calendar year DPH seal/sticker affixed to upper left quarter of rear of the hauling tank
☐ Monthly bacterial analysis results. Must include a coliform and plate count determination. **Coliform levels less than 2.2 are desired, but 2.2 is acceptable. Test certificate indicating a coliform level above 2.2 shall not be utilized.**
☐ Water purification systems attached to water tenders are not accepted.
☐ Supplier will carry on each vehicle (1) an owner's manual or (2) a letter from the pump manufacturer stating that the water pump being used is for food grade service.
Special note on potable water equipment: The DPH recommends that CAL FIRE Units contact the nearest DPH field office to obtain a current listing of licensed potable water haulers for that area.

Drivers and Operators:			FSTEP*
Class ____ License # _____	Endorsement ____	Operator: _____	☐
Class ____ License # _____	Endorsement ____	Operator: _____	☐
Class ____ License # _____	Endorsement ____	Operator: _____	☐
Class ____ License # _____	Endorsement ____	Operator: _____	☐
☐ Workers' Compensation	☐ Major Medical Insurance	☐ Liability Insurance	

Operators must wear the following Cal/OSHA approved Personal Protective Equipment (PPE) items. Refer to Chapter 6 of the Hired Equipment Program Supplier Participation Manual.	
☐ Nomex shirt and pants, or jumpsuit	☐ Hardhat with goggles & Nomex face shroud
☐ Fire shelter: USFS-approved	☐ 8" Lace-up leather boots
☐ Radio: Refer to form FC-100R	☐ Headlamp or flashlight
☐ Wildland Firefighting Gloves with gauntlets	**Current Fire Safety Training Completion Card*
Re-inspection: ☐ Pass ☐ Fail	

Inspector's Signature _____ Date _____

Printed Name _____

SAMPLE

Forestry Mobile Equipment Work Order (ME-107)

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION

FORESTRY MOBILE EQUIPMENT WORK ORDER

ME-107 (3/98) (MSW 3/99)

SHOP STOCK			
QTY.	DESCRIPTION	UNIT COST	COST

Emergency Equipment Fuel and Oil Issue (OF-304)

EMERGENCY EQUIPMENT FUEL AND OIL ISSUE *SEE COVER FOR INSTRUCTIONS.*

INCIDENT OR PROJECT NAME	OWNER OF EQUIPMENT: ☐ Contractor ☐ Government Name			
AGREEMENT NUMBER	TYPE OF EQUIPMENT	LICENSE OR IDENTIFICATION NUMBER		
COMMODITY *(circle appropriate items)* REGULAR GAS UNLEADED GAS DIESEL	QUANTITY	UNIT	UNIT PRICE	AMOUNT
OIL OTHER *(specify)*				
DATE AND TIME ISSUED	REMARKS			TOTAL
ISSUING AGENT'S SIGNATURE	PRINT NAME AND TITLE			
RECEIVING AGENT'S SIGNATURE	PRINT NAME AND TITLE			
POSTED TO EQUIPMENT INVOICE *(FINANCE USE ONLY): INITIALS*			*DATE*	

FINANCE ATTACH TO ISSUING AGENT'S OF -286

NSN 7540-01-317-7366
50304-101

OPTIONAL FORM 304 (7-90)
USDA/USDI

SAMPLE

Payee Data Record (STD. 204)

STATE OF CALIFORNIA-DEPARTMENT OF FINANCE

PAYEE DATA RECORD

(Required when receiving payment from the State of California in lieu of IRS W-9 or W-7)

STD 204 (Rev. 5/2018)

1

INSTRUCTIONS: Type or print the information. Complete all information on this form. Sign, date, and return to the state agency (department/office) address shown in Box 6. Prompt return of this **fully completed** form will prevent delays when processing payments.

Information provided in this form will be used by California state agencies to prepare Information Returns (Form1099). See next page for more information and Privacy Statement.

NOTE: Governmental entities, i.e. federal, state, and local (including school districts), are not required to submit this form.

2

BUSINESS NAME *(As shown on your income tax return)*

SOLE PROPRIETOR, SINGLE MEMBER LLC, INDIVIDUAL *(Name as shown on SSN or ITIN) Last, First, MI* | **E-MAIL ADDRESS**

MAILING ADDRESS | **BUSINESS ADDRESS**

CITY | **STATE** | **ZIP CODE** | **CITY** | **STATE** | **ZIP CODE**

3

PAYEE ENTITY TYPE

CHECK ONE BOX ONLY

ENTER FEDERAL EMPLOYER IDENTIFICATION NUMBER (FEIN): ___ - _____

☐ **PARTNERSHIP**

☐ **ESTATE OR TRUST**

CORPORATION:

◯ **MEDICAL** *(e.g., dentistry, psychotherapy, chiropractic, etc.)*

◯ **LEGAL** *(e.g., attorney services)*

◯ **EXEMPT** *(nonprofit)*

◯ **ALL OTHERS**

☐ **SOLE PROPRIETOR, INDIVIDUAL, OR SINGLE MEMBER LLC** *(Disregarded entity)*

ENTER SSN OR ITIN: ___ - __ - ____

Social Security Number (SSN) or Individual Taxpayer Identification Number (ITIN) are required by authority of California Revenue and Tax Code sections 18646 and 18661)

NOTE: Payment will not be processed without an accompanying taxpayer identification number.

4

PAYEE RESIDENCY STATUS

☐ **CALIFORNIA RESIDENT** - Qualified to do business in California or maintains a permanent place of business in California.

☐ **CALIFORNIA NON RESIDENT** *(see next page for more information)* - Payments to nonresidents for services may be subject to state income tax withholding.

◯ No services performed in California.

◯ Copy of Franchise Tax Board waiver of state withholding attached.

5

I hereby certify under penalty of perjury that the information provided on this document is true and correct. Should my residency status change, I will promptly notify the state agency below.

AUTHORIZED PAYEE REPRESENTATIVE'S NAME *(Type or Print)* | **TITLE** | **TELEPHONE** *(include area code)*

SIGNATURE | **DATE** | **E-MAIL ADDRESS**

6

Please return completed form to:

DEPARTMENT/OFFICE | **UNIT/SECTION**

MAILING ADDRESS | **TELEPHONE** *(include area code)* | **FAX**

CITY | **STATE** | **ZIP CODE** | **E-MAIL ADDRESS**

SAMPLE

Payee Data Record (STD. 204)

STATE OF CALIFORNIA-DEPARTMENT OF FINANCE

PAYEE DATA RECORD

(Required when receiving payment from the State of California in lieu of IRS W-9 or W-7)

STD 204 (Rev. 5/2018)

1	**Requirement to Complete the Payee Data Record, STD 204** A completed Payee Data Record, STD 204 form, is required for all payees (non-governmental entities or individuals) entering into a transaction that may lead to a payment from the state. Each state agency requires a completed, signed, and dated STD 204 on file; therefore, it is possible for you to receive this form from multiple state agencies with which you do business. Payees who do not wish to complete the STD 204 may elect not to do business with the state. If the payee does not complete the STD 204 and the required payee data is not otherwise provided, payment may be reduced for federal and state backup withholding. Amounts reported on Information Returns (Form 1099) are in accordance with the Internal Revenue Code (IRC) and the California Revenue and Taxation Code (R&TC).
2	Enter the payee's legal business name. The name must match the name on the payee's tax return as filed with the federal Internal Revenue Service. Sole proprietorships and single member limited liability companies (LLCs) must also include the owner's full name. An individual must list his/her full name as shown on the SSN or as entered on the W-7 form for ITIN. The mailing address should be the address at which the payee chooses to receive correspondence. The business address is the address of the business' physical location.
3	Check only **one** box that corresponds to the payee business type. Corporations must check the box that identifies the type of corporation. The State of California requires that all parties entering into business transactions that may lead to payment(s) from the state provide their Taxpayer Identification Number (TIN). The TIN is required by the R&TC sections 18646 and 18661 to facilitate tax compliance enforcement activities and the preparation of Form 1099 and other information returns as required by the IRC section 6109(a) and R&TC section 18662 and its regulations. Payees must provide **one** of the following TINs on this form: social security number (SSN), individual taxpayer identification number (ITIN), or federal employer identification number (FEIN). The TIN for sole proprietorships, single member LLC (disregarded entities), and individuals is the SSN or ITIN. Only partnerships, estates, trusts, corporations, and LLCs (taxed as partnerships or corportations) will enter their FEIN.
4	**Are you a California resident or nonresident?** A corporation will be defined as a "resident" if it has a permanent place of business in California or is qualified through the Secretary of State to do business in California. A partnership is considered a resident partnership if it has a permanent place of business in California. An estate is a resident if the decedent was a California resident at time of death. A trust is a resident if at least one trustee is a California resident. For individuals and sole proprietors, the term "resident" includes every individual who is in California for other than a temporary or transitory purpose and any individual domiciled in California who is absent for a temporary or transitory purpose. Generally, an individual who comes to California for a purpose that will extend over a long or indefinite period will be considered a resident. However, an individual who comes to perform a particular contract of short duration will be considered a nonresident. Payments to all nonresidents may be subject to withholding. Nonresident payees performing services in California or receiving rent, lease, or royalty payments from property (real or personal) located in California will have 7% of their total payments withheld for state income taxes. However, no withholding is required if total payments to the payee are $1,500 or less for the calendar year. For information on Nonresident Withholding, contact the Franchise Tax Board at the numbers listed below: Withholding Services and Compliance Section: 1-888-792-4900 — E-mail address: wscs.gen@ftb.ca.gov For hearing impaired with TDD, call: 1-800-822-6268 — Website: www.ftb.ca.gov
5	Provide the name, title, email address, signature, and telephone number of the individual completing this form. Provide the date the form was completed.
6	This section must be completed by the state agency requesting the STD 204.

Privacy Statement

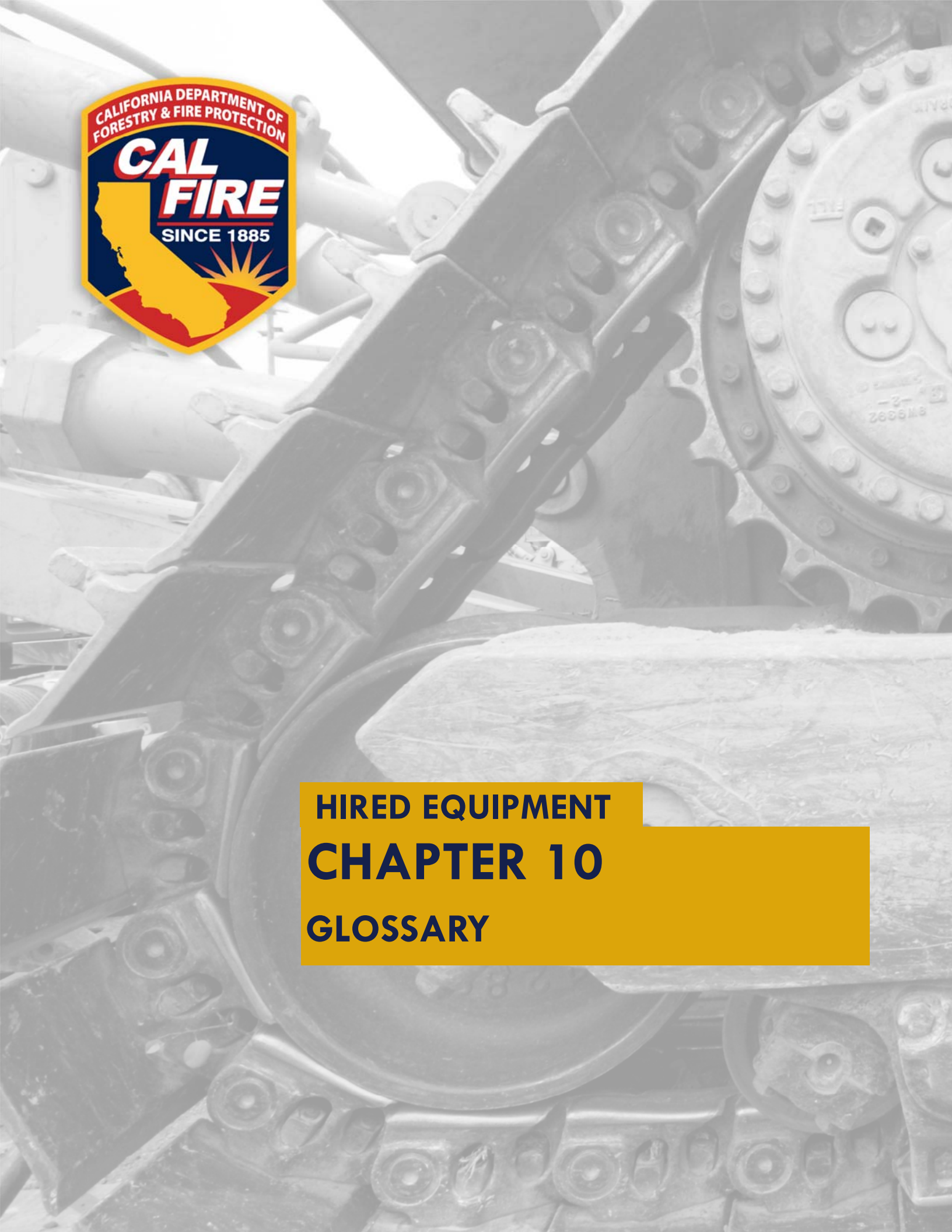
Section 7(b) of the Privacy Act of 1974 (Public Law 93-579) requires that any federal, state, or local governmental agency, which requests an individual to disclose their social security account number, shall inform that individual whether that disclosure is mandatory or voluntary, by which statutory or other authority such number is solicited, and what uses will be made of it.

It is mandatory to furnish the information requested. Federal law requires that payment for which the requested information is not provided is subject to federal backup withholding and state law imposes noncompliance penalties of up to $20,000.

You have the right to access records containing your personal information, such as your SSN. To exercise that right, please contact the business services unit or the accounts payable unit of the state agency(ies) with which you transact that business.

All questions should be referred to the requesting state agency listed on the bottom front of this form.

SAMPLE



HIRED EQUIPMENT

CHAPTER 10

GLOSSARY

Definitions

Active fireline: Fireline where the fire could continue to spread, flare-up, or spot over the line.

Agreement Period: The term of each Emergency Equipment Rental Agreement (EERA) cycle, which lasts for three years.

Closest Resource Concept: CAL FIRE utilizes the closest available hired equipment resources that meet the needs of the incident, without regard for administrative boundaries. Distance from the reporting location is determined by air miles. Road closures and other considerations may necessitate an exception from the Closest Resource Concept.

Disabled Veteran Business Enterprise (DVBE): A California business in possession of current and valid Disabled Veteran Business Enterprise certification from DGS.

Dispatch: A Supplier is officially hired under the terms of their EERA and issued an order and request number for specified work by CAL FIRE.

EERA Period: The term of each Emergency Equipment Rental Agreement (EERA) cycle, which lasts for three years.

Extended Shift: Greater than sixteen (16) hours in service in a calendar day. Equipment is only eligible for this rate during a 24-hour assignment.

Fireline Equipment: Hired equipment which is assigned to work on and near the fireline.

Hired Equipment: Privately owned fireline and support equipment, including ancillary services, operators, and attendants thereof, that is rented by the Department to meet incident needs.

Hired Equipment Management System: The database utilized by CAL FIRE to store, track, and maintain EERAs and Hired Equipment Supplier information.

Hired Equipment Standards: The requirements of complement, capacity, and capability for each type of equipment in conjunction with the training, licensing, and other personnel requirements mandated for program participation by CAL FIRE.

Immediate Need: During the first 24 hours of a new incident or anytime during an incident when due to the threat to life and/or property there is a need for resources to be available without delay. For bulldozers: preposition, station coverage, and strike team assignments are ordered as immediate need.

Incident Only Agreement: An agreement made at an incident; these agreements are only valid for the hiring incident.

Open Enrollment Period: Annual time period in which Suppliers can initiate and amend EERA agreements with CAL FIRE. This timeframe is typically November 1 – March 31; this period may change depending on incident activity within each Unit.

Definitions

Personal Protective Equipment (PPE): Gear or equipment worn or implemented to minimize exposure to hazards that cause serious workplace injuries and illnesses.

Planned Need: Begins after 24 hours have passed since the time of the initial dispatch. Planned Need is based on the requested report time, not when the resource order was placed. Incident Commanders have the discretion to return to Immediate Need hiring practices when necessary.

Preposition: Strategic movement of resources at the Unit, Region, and/or State level to reinforce initial attack capability beyond normal operating levels in a given area or location.

Reduced Shift: Up to eight (8) hours in service in a calendar day.

Sanction: An action taken in response to Suppliers operating out of compliance with program requirements. Sanctions result in the Supplier being placed inactive for a period of time to be determined by the Statewide Hired Equipment Coordinator.

Service Unit: Vehicles which provide remote mechanical services, maintenance, and repair to other vehicles and equipment. CAL FIRE shall not pay for service units that the Supplier uses to service their own equipment.

Small Business (SB): A California small business in possession of current and valid Small Business certification from the California Department of General Services (DGS).

Standard Shift: Greater than eight (8) hours and up to sixteen (16) hours in service in a calendar day.

Statewide Hired Equipment Coordinator: Sacramento Headquarters Chief responsible to support the Hired Equipment Program, Chair the Hired Equipment Committee, and provide guidance to Unit Hired Equipment Coordinators and Incident Personnel.

Support Equipment: Hired equipment which is assigned to work in support of incident needs other than fire suppression.

Tier 1: Hired Equipment Suppliers with current and valid DGS-issued SB and DVBE certifications. This is the priority tier for preferential hiring.

Tier 2: Hired Equipment Suppliers with current and valid DGS-issued either SB or DVBE certification. This is the second priority tier for preferential hiring.

Tier 3: Hired Equipment Suppliers without either certification. This tier is not offered preferential hiring.

Unit Hired Equipment Coordinator: An individual designated by the Unit Chief to perform Hired Equipment Program functions within the Unit.

HIRED EQUIPMENT

CHAPTER 11

ACRONYMS

Acronyms

ACLS: Advanced Cardiovascular Life Support

ALS: Advanced Life Support

ANSI: American National Standards Institute

CAFS: Compressed Air Foam Systems

Cal/OSHA: California Division of Occupational Safety and Health

cc: cubic centimeters

cf: cubic foot/feet

CFM: cubic feet per minute

dB: decibels

DOT: Department of Transportation (Federal)

DHCP: Dynamic Host Configuration Protocol

DVBE: Disabled Veteran Business Enterprise

EERA: Emergency Equipment Rental Agreement

EMT: Emergency Medical Technician

EPA: Environmental Protection Agency

FIMT: Fire Incident Mapping Tool

FSTEP: Fire Service Training and Education Program

GIS: Geographic Information Systems

GISS: Geographic Information Systems Specialist

GPM: gallons per minute

GSUL: Ground Support Unit Leader

GVWR: Gross Vehicle Weight Rating

HP: Horsepower

HVAC: Heating, ventilation, and air conditioning

IC: Incident Commander

ICS: Incident Command System

IRS: Internal Revenue Service

ITLS: International Trauma Life Support

lb/lbs: pound/s

LEMSA: Local Emergency Medical Services Agency

Acronyms

NAAFS: Natural Air Aspirating Foam Systems

NFPA: National Fire Protection Association

NWCG: National Wildfire Coordinating Group

OSFM: Office of the State Fire Marshal

OSHA: Occupational Safety and Health Administration (Federal)

PHTLS: Prehospital Trauma Life Support

psi: pounds per square inch

PPE: Personal Protective Equipment

R.O.P.S.: Roll Over Protection System

SB: Small Business

SE: Special Equipment

sf: square foot/feet

UPS: Uninterruptable Power Supply

Unit Identifiers

Northern Region

- AEU: Amador-El Dorado Unit
- BTU: Butte Unit
- CZU: San Mateo-Santa Cruz Unit
- HUU: Humboldt-Del Norte Unit
- LMU: Lassen Modoc Unit
- LNU: Sonoma-Lake-Napa Unit
- MEU: Mendocino Unit
- NEU: Nevada-Yuba-Placer Unit
- SCU: Santa Clara Unit
- SHU: Shasta-Trinity Unit
- SKU: Siskiyou Unit
- TGU: Tehama-Glenn Unit

Southern Region

- BDU: San Bernardino Unit
- BEU: San Benito-Monterey Unit
- FKU: Fresno-Kings Unit
- MMU: Madera-Mariposa-Merced Unit
- MVU: San Diego Unit
- RRU: Riverside Unit
- SLU: San Luis Obispo Unit
- TCU: Tuolumne-Calaveras Unit
- TUU: Tulare Unit