

Colorado State Emergency Resource Mobilization Plan



Colorado Department of Public Safety

In Cooperation With:

Colorado State Patrol
Division of Fire Safety
Division of Local Government (DOLA)
Division of Emergency Management
Emergency Medical Services Branch (CDPHE)
Colorado State Forest Service
Colorado State Fire Chiefs' Association
County Sheriffs of Colorado, Inc.
Colorado Association of Chiefs of Police
Colorado Emergency Managers Association

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Colorado State Emergency Resource Mobilization Plan

I. INTRODUCTION

The Colorado State Emergency Resource Mobilization Plan (CSERMP) is an all-risk system for the allocation, mobilization, and deployment of resources in the event of a disaster or local incident that requires more resources than those available under any existing interjurisdictional or mutual aid agreement.

This Plan is consistent with the National Incident Management System (NIMS) and the National Wildland Coordinating Group's (NWCG) Incident Command System (ICS), thereby allowing direct interface with existing local and national mutual aid initiatives and resource ordering systems, including the national wildland fire coordination system.

THE COLORADO STATE EMERGENCY RESOURCE MOBILIZATION PLAN IS NOT A REPLACEMENT FOR LOCAL RESPONSE, MUTUAL AID OR REGIONAL RESPONSE PLANS, NOR IS IT A REPLACEMENT FOR THE NATIONAL INTERAGENCY WILDLAND FIRE PLAN.

II. PURPOSE AND AUTHORITY

PURPOSE

These procedures are designed to provide resources to communities that experience an incident or disaster which depletes their local and mutual aid resources.

The Colorado State Emergency Resource Mobilization Plan provides the organization and process for amassing the resources through participation by local, state and federal agencies.

AUTHORITY/RELEVANT STATUTES

These procedures and the Colorado State Emergency Resource Mobilization Plan are developed in support of CRS 24-32-2104, the Colorado Disaster Emergency Act of 1992, and the Colorado Emergency Operations Plan, Annex D, State Emergency Function 4, Firefighting.

CRS 24-33.5-1203(1)(m) and CRS 24-33.5-1210. The Division of Fire Safety shall prepare and administer a statewide mobilization plan to provide for the allocation and deployment of firefighting, emergency medical, and urban search and rescue resources in the event of a disaster or local incident that requires more resources than those available under any existing interjurisdictional or mutual aid agreement.

CRS 24-33.5-107(1)(y) and CRS 24-33.5-108. The Department of Public Safety shall develop and maintain a centralized computer database that includes apparatus and equipment inventories, personnel counts, resource status, such other information relevant to the efficient tracking and allocation of fire fighting resources.

III. OBJECTIVES

- To provide a system for the efficient tracking and allocation of emergency resources.
- To streamline the process of effectively and expeditiously mobilizing required resources to requesting units in an organized cost efficient manner.
- To assure requesting units receive the proper equipment and qualified personnel they have requested.
- To promote incident safety through incident communication and management coordination.

IV. DEFINITIONS

Following is a definition of terms used in the Colorado State Emergency Resource Mobilization Plan.

AGENCY REPRESENTATIVE - An individual assigned to an incident from an assisting or cooperating agency who has been delegated authority to make decisions on matters affecting that agency's participation at the incident. In ICS, Agency Representatives report to the Incident Liaison Officer.

ALLOCATED RESOURCES - Resources dispatched to an incident.

APPROPRIATE RESPONSE - The planned strategy for action (in terms of the type, amount, and timing of resources) on an incident which most efficiently meets incident management objectives under current and expected conditions. The response may range from a strategy of prompt control to one of containment or confinement.

ASSEMBLY POINT - A designated meeting location for mobilized resources.

ASSISTING AGENCY - An agency directly contributing tactical or service resources to another agency.

AVAILABLE RESOURCES - Resources available to respond to incidents beyond their local mutual aid area for a specified extended duration of time.

COORDINATION CENTER - A facility that is used for the coordination of agency or jurisdictional resources in support of one or more incidents. For the purposes of the Colorado Emergency Resource Mobilization Plan this refers to the Rocky Mountain Interagency Coordination Center.

INTERAGENCY (IA) DISPATCH CENTER - A facility from which resources are assigned to wildland fire incidents. For the purposes of the Colorado State Emergency Resource Mobilization Plan this refers to the IA Dispatch Centers located in Craig, Grand Junction, Montrose, Durango, Ft. Collins and Pueblo.

INCIDENT - An occurrence either human caused or by natural phenomena, that requires action by emergency service personnel to prevent or minimize loss of life or damage to property and/or natural resources.

INCIDENT COMMANDER - The individual responsible for the management of all incident operations at the incident site.

INCIDENT COMMAND SYSTEM (ICS) - A standardized on-scene emergency management concept specifically designed to allow its users to adopt an integrated organizational structure equal to the complexity and demands of single or multiple incidents, without being hindered by jurisdictional boundaries.

INCIDENT MANAGEMENT TEAM (IMT) – An organization of overhead personnel operating within the Incident Command System with responsibility for the management of resources to effectively accomplish objectives determined for an incident, under the direction of the Incident Commander.

JURISDICTIONAL AGENCY - The agency having jurisdiction and responsibility for a specific geographical area, or a mandated function.

LOCAL DISPATCH - Dispatch offices representing local city/county government emergency response resources. Responds to local incident requests for resources.

MOBILIZATION - The process and procedures used by all organizations (federal, state, and local) for activating, assembling, and transporting all resources that have been requested to respond to or support an incident.

MOBILIZATION CENTER - An off-incident location at which emergency service personnel and equipment are temporarily located pending assignment, release, or reassignment.

MULTI-AGENCY COORDINATION (MAC) GROUP - Representatives of involved agencies and/or jurisdictions who come together to make strategic decisions regarding the prioritizing of incidents, and the allocation of resources. When activated, the MAC Group has the responsibility for coordination of assisting agencies in support of a multi-agency or multi-jurisdictional environment.

MULTI-AGENCY INCIDENT - An incident where one or more agencies assist a jurisdictional agency or agencies.

MULTI-JURISDICTIONAL INCIDENT - An incident requiring action from multiple agencies that have a statutory responsibility for incident mitigation.

MUTUAL AID AGREEMENT - Written agreement between agencies and/or jurisdictions in which they agree to assist one another upon request, by furnishing personnel and equipment.

NATIONAL INCIDENT MANAGEMENT SYSTEM (NIMS) -- Developed by the U. S. Department of Homeland Security Secretary, NIMS establishes standardized incident management processes, protocols, and procedures that all responders -- Federal, state, tribal, and local -- use to coordinate and conduct response actions.

OPERATIONAL PERIOD - A defined time period, e.g. 0600 to 0600 hours, in which a specific set of objectives are established for managing incident activities and for which specific resources and personnel are assigned to those activities. For the purposes of the CSERMP, an Operational Period is defined as 24 hours.

PREPAREDNESS LEVELS - Planned levels of readiness dependent on incident activity, weather, hazard threat, and resource availability.

RESOURCE KIND - A classification of resources in the incident command system which refers to function; e.g. hand crew, helicopter, engine, dozer.

RESOURCE ORDER NUMBER - A unique number assigned by the agency dispatching the resources to the incident. Every resource requested for an incident must have an Order Number assigned to it. The resource order number provides the legal authorization for the movement of incident requested resources and is the reference for all claims.

RESOURCE TYPE - Refers to resource capability. A Type 1 resource provides a greater overall capability due to power, size, capacity, etc., than would be found in a Type 2 resource.

RESOURCES - Personnel and major items of equipment available or potentially available to be assigned to incidents. Resources are described in the incident command system by kind and type.

SINGLE RESOURCE - An individual, a piece of equipment and its personnel complement, or a crew or team of individuals with an identified work supervisor that can be used on an incident.

STAGING AREA - Locations set up at an incident where resources can be placed while awaiting a tactical assignment.

STATE EMERGENCY OPERATIONS CENTER (SEOC) - A facility operated by the Colorado Office of Emergency Management to coordinate the overall response of state government agencies and assets in support of an incident.

STATE EMERGENCY OPERATIONS PLAN (SEOP) - The state level plan for actions to be taken by government and citizens when disaster threatens or strikes. It consists of assignment of responsibilities to state agencies, coordinating instructions, staffing , essential facilities, and general operations common to most major emergencies.

STRIKE TEAM - Specified combinations of the same kind and type of resources, with common communications and a leader. For example, a Type 1 Engine Strike Team generally consists of 5, Type 1 Engines (meeting the minimum equipment and manning standards) under the control of a Strike Team Leader.

TASK FORCE - A combination of single resources assembled for a particular tactical need, with common communications and a leader.

VI. STANDARDS

A. Responding to local jurisdictional incidents:

Local standards will be adhered to.

B. Responding to requests for mobilization under the Colorado State Emergency Resource Mobilization Plan:

Responding resources will be in compliance with the Colorado State Emergency Resource Mobilization Plan, Resource Typing Standards.

Additionally:

Fire Resources – responding personnel shall be trained and qualified to function in accordance with the applicable National Fire Protection Association (NFPA) Standard(s), as certified by the Chief Executive Officer of the agency. Alternatively, responding personnel shall hold current and valid certification at the appropriate level, issued by the Colorado Division of Fire Safety.

Law Enforcement Resources – responding personnel shall be certified, full-time or part-time paid or non-paid personnel certified as “Peace Officers” according to 16-2.5-101 CRS, and defined as a Sheriff, Undersheriff, or Certified Deputy Sheriff (16-2.5-103 CRS); Police Officer (16-2.5-105 CRS); Southern Ute Indian Police Officer (16-2.5-106 CRS); Ute Mountain Ute Indian Police Officer (16-2.5-107 CRS); Town Marshal or Deputy Town Marshal (16-2.5-108 CRS); Reserve Police Officer, Reserve Deputy Sheriff, or Reserve Deputy Town Marshal (16-2.5-110

CRS); Colorado State Patrol Officer (16-2.5-114); or Colorado Wildlife Officer (16-2.5-116 CRS).

Emergency Medical Services Resources – responding personnel shall hold current and valid certification at the appropriate level, issued by the Emergency Medical Services Division of the Colorado Department of Public Health and Environment.

All Other Resources – responding personnel shall be trained and qualified in accordance with any applicable state or national qualifications standard(s). Other resources may include uniformed, noncommissioned law enforcement personnel (paid or volunteer) defined as a “Noncertified Deputy Sheriff” or “Community Services Officer” or variation thereof as defined by the local agency.

C. Responding to Interagency (State and Federal) Wildland Fire Incidents:

National wildland fire guidelines will be adhered to in accordance with the Fireline Handbook (engine typing requirements), 310-1 (position qualification requirements, etc.), ICS, National and Area Mobilization Guidelines.

VII. RESPONSIBILITIES

A. Positions and Responsibilities:

RESOURCES - Responsible for safe and efficient response to incident requests. To assure equipment and qualification standards are met.

DISPATCH - Responsible for the safe, efficient and cost effective mobilization/demobilization of resources to requesting incidents. Manages communications, tracks resources, maintaining records, meets required upward reporting, as well as, the gathering and dissemination of information.

INCIDENT COMMANDER (IC) - The Incident Commander will be the most qualified of the first incident resources to arrive at the incident and take command of assigned resources. The IC will be relieved of this duty only by a more or equally qualified individual for the circumstances, in accordance with the Incident Command System.

The primary responsibility of the Incident Commander is to organize and direct the resources on hand toward safe, efficient, and complete control of the incident utilizing an incident command system. The IC may also need to estimate additional resource needs.

B. Availability:

All resources listed as "available" under the terms of the Colorado State Emergency Resource Mobilization Plan will be fully qualified for the positions and duties they are assigned. Resources will respond to mobilization requests immediately (30 minute confirmation of commitment). Assigned resources will be expected to fulfill a maximum 72 hour commitment, unless other arrangements are made between the Incident Management Team (IMT) and the Assisting Agency.

C. Resource Availability Reporting:

The Colorado State Emergency Resource Inventory Report (www.csermp.com) includes a detailed listing of available resources and the general availability of the resource to respond to incidents beyond their local mutual aid area for a specified duration of time. Following is a description of the availability types:

LOCAL ONLY. These are resources that are available for response only within the local agencies jurisdiction or under local mutual aid agreements. This category would also be used if the local personnel are not trained to the applicable NFPA Professional Qualifications Standards for structural firefighting and/or NWCG Standard for wildland firefighting.

STATEWIDE. The local agency would consider making these resources available under the Colorado State Emergency Resource Mobilization Plan. It is contemplated that these resources would be committed for a maximum of 72 hours unless the length of commitment is extended by mutual consent of the IMT and the local agency.

NATIONAL INTERAGENCY. These resources are already part of the national interagency wildland dispatch system.

LOCAL UNITS participating in the CSERMP will report annually (or as changes occur), their resources available for local (including regional), statewide, and national deployment.

VIII. MOBILIZATION PROCEDURES

A. Local Incidents

INITIAL RESPONSE - Local dispatch fulfills incident needs, utilizing all local and mutual aid resources available. The Colorado State Emergency

Resource Mobilization Plan takes effect at such a time when all local resources have been depleted and external resources are required.

B. COLORADO STATE EMERGENCY RESOURCE MOBILIZATION PLAN ACTIVATION

Local Dispatch will order the incident requested initial and/or extended attack resources they need by making the request to their County Emergency Manager/Coordinator, County Executive, Board of County Commissioners, or County Sheriff, in accordance with their County Emergency Operations Plan. Such requests shall be made utilizing the Colorado State Emergency Resource Mobilization Plan, Resource Typing Standards. Activation of the Colorado State Emergency Resource Mobilization Plan supersedes any regional or local non-mutual aid mobilization plan(s) that might be in effect.

The County Emergency Manager/Coordinator, County Executive, Board of County Commissioners, or County Sheriff (whichever is applicable) will order the incident requested initial and/or extended attack resources they need by contacting the State Emergency Operations Center (SEOC). Such requests shall be made utilizing the Colorado State Emergency Resource Mobilization Plan, Resource Typing Standards.

- **The 24-hour Emergency Number for the State Emergency Operations Center is (303) 279-8855.**

The SEOC will assign an incident number, will generate a Resource Order and locate the closest available resource(s) meeting the needs of the request, and will order the resource from the appropriate local dispatch office. The Local Dispatch Office will in turn, contact and begin mobilization of the resource. Confirmation of the assigned resource and its travel information will be relayed back through these channels to notify the requesting unit.

- In the event all available resources within the state have been depleted or due to incident proximity, mobilization of resources from an adjoining state would allow for a quicker response, orders will be placed through the Rocky Mountain Interagency Coordination Center by the SEOC (certain approvals may be required).
- The SEOC will not request more than 25% of the available resources from any Assisting Agency. However, the Assisting Agency may, at their discretion, offer more than 25% of their available resources.
- Assisting Agencies are responsible for advising the SEOC of any need for backfill of mobilized resources. The SEOC will generate a Resource Order and locate the closest available resource(s) meeting

the needs of the request, in the same manner it would for incident-specific resources.

C. NATIONAL INTERAGENCY WILDLAND FIRE PLAN

The above is written pertaining to the dispatching of resources managed by the Colorado Emergency Resource Mobilization Plan. All requests for wildland firefighting resources shall utilize the existing National Interagency Wildland Fire Plan. The ordering process is summarized as follows:

Local Dispatch will order the incident requested initial and/or extended attack resources they need by contacting their Interagency Dispatch Center. The IA Dispatch Center will generate a Resource Order and locate the closest available resource meeting the needs of the request, and will order the resource from the appropriate local dispatch office, within their area of influence. The Local Dispatch Office will in turn, contact and begin mobilization of the resource. Confirmation of the assigned resource and its travel information will be relayed back through these channels to notify the requesting unit.

- In the event all available resources within an area of influence have been depleted or mobilization of another areas resource due to incident proximity, would allow for a quicker response, orders will be placed by the IA Dispatch Center with adjoining IA Dispatch Centers to dispatch the requested resources within that centers region.
- For large incidents or incidents requiring resources from further distances (statewide, RM area-wide or National), orders will be placed through the Rocky Mountain Interagency Coordination Center by the IA Dispatch Center (certain approvals may be required).

D. DEMOBILIZATION

Demobilization from incidents will be relayed through appropriate dispatch channels to notify home units of the release of their resources. All assigned resources must follow established incident demobilization procedures.

IX. REIMBURSEMENT OF COSTS

Agencies responding to incidents under the Resource Mobilization Plan may or may not be reimbursed for their expenses. Reimbursement may be dependent upon the declaration of a disaster by the Governor and/or the appropriation of funds by the State Legislature. Reimbursement may be provided by the local entity requesting assistance, or by the federal government if the incident occurs

on federal land, or the incident may be covered by other statutes concerning reimbursement (e.g. hazardous materials incidents). In any case, by participating in the Colorado State Emergency Resource Mobilization Plan agencies assume full responsibility for tracking their costs. **Furthermore, without a valid resource order assigned by the SEOC, no reimbursement will be made.**

DISASTER DECLARATION – if a state and/or federal disaster is declared in accordance with the provisions of CRS 24-32-2104, the Colorado Disaster Emergency Act of 1992, reimbursement may be made from the State Disaster Emergency Fund and/or from federal disaster assistance funds, in accordance with the Act, and the Colorado Emergency Operations Plan.

NO DISASTER DECLARATION – in the absence of a state and/or federal disaster declaration:

- The Assisting Agency/Agencies may be required to assume their own expenses for the first 24 hours from the start of an incident.
- The requesting agency is responsible for reimbursement of expenses for the duration of the incident, beyond the first 24 hours, unless such reimbursement is waived by the Assisting Agency/Agencies.

X. ESTABLISHING COSTS

- A. All claims for the reimbursement of costs associated with the response to a request for mobilization shall be determined according to the process provided herein.
- B. Assessment of claims for reimbursement costs for the response to a request for mobilization shall be applied in a fair and impartial manner, so as not to discriminate against any public or private entity.
- C. Costs may include both direct and indirect costs.
- D. Direct costs shall be the actual costs for those cost factors that are determined to be appropriate. In computing actual costs, the following cost factors are appropriate:
 - 1. Personnel salaries, including benefits
 - 2. Actual supplies expended
 - 3. Vehicles
 - 4. Equipment
 - 5. Contracted services
 - 6. Laboratory testing
 - 7. Disposal of materials

8. Storage of materials

- E. All costs identified in a claim for reimbursement of costs shall be required to meet the required standards of reasonable, documented, and necessary.
- F. Actual costs for resources and services shall be determined by an accepted and validated accounting method that clearly demonstrates how the cost was calculated, such as:
 - 1. The actual hourly rate for salaries (regular and/or overtime).
 - 2. The actual cost of replacement or repair.
 - 3. An amortization or depreciation schedule.

or, as an alternative:

- 1. The Federal Emergency Management Agency Schedule Of Equipment Rates (Appendix C) may be used in lieu of the above, where appropriate, or
 - 2. In cases where there is a negotiated rate agreement with the Colorado State Forest Service, the negotiated rates shall be used.
- G. Costs shall be based on the actual supplies and other expendable items used during the incident. For example, if an incident requires the use of only 25% of a product then the cost shall be based on that 25%, not the cost to replace 100% of the product.
 - H. Indirect costs are incurred as a result of a response to a request for mobilization and the subsequent processing of a claim for the reimbursement of costs associated with it. These include indirect costs for clerical, accounting, and legal services, as well as costs for preparation and planning. Therefore, a claim for reimbursement of costs may include an indirect cost calculation based on an existing formula currently used by the agency or an amount not to exceed 10% of the total direct costs claimed.
 - I. An agency or entity shall provide evidence that substantiates that costs claimed for the replacement of equipment are legitimate and based on an actual loss resulting from the request for mobilization for which the claim is submitted.

XI. LIABILITY

Each jurisdiction waives all claims and causes of action against all of the other jurisdictions for compensation, damage, personal injury or death occurring as a consequence, direct or indirect, of the performance of this agreement, to the

extent permitted by, and without waiving any protection or other provisions of, the Colorado Governmental Immunity Act.

APPENDICES

Appendix A – Intergovernmental Agreement for Emergency Management

Appendix B – Colorado Disaster Emergency Procedures Handbook for Local Governments

Appendix C – FEMA Schedule Of Equipment Rates

Appendix D – Colorado Emergency Resources Mobilization Plan Resource Ordering Protocol (Chart)



Federal Emergency Management Agency

Washington, D.C. 20472

Appendix to FEMA Schedule of Equipment Rates: Aircraft Rates

The rates for helicopters and airplanes have not been included in the FEMA Schedule of Equipment Rates because the procedures for developing aircraft rates are different from procedures for other equipment. The procedure for helicopters and airplanes is given below, along with examples.

Components of Aircraft Rates

The components required for developing an aircraft rate include:

- the year the equipment was purchased by the applicant;
- the purchase price at that time, including any cost to make the equipment operational;
- the average hours of operation for the last three non-disaster years; and
- the shaft horsepower for continuous operation (this is not the takeoff horsepower).

Ownership

To obtain the yearly depreciation, divide the purchase price of the equipment, including any cost to make the equipment operational, by 15 years. This is an industry standard. Occasionally, an applicant will obtain equipment for \$0 and in such a case the depreciation would be, \$0. If a cost was incurred to make the equipment operational, depreciation would be based on that cost.

The next step is to determine overhead costs. These costs are determined by multiplying the depreciation by 25 percent. Overhead and depreciation should then be added. The average three-year usage for non-disaster years should then be determined. If this usage is not available, use 1200 hours.

To determine the ownership cost, divide the sum of depreciation and overhead by the three-year average hours of operation to obtain the hourly cost. Overhead of \$0.02 per horsepower (minimum of \$4.00) should be included for equipment over 15 years or equipment obtained at no cost.

Operational Costs

For the operation and maintenance cost, multiply the horsepower by \$0.50 to obtain the operational costs.

Equipment Rate

The combination of the ownership and operational costs is the equipment rate.

Examples

The following examples illustrate this procedure.

Example 1

Aircraft data:

1990 Cost = \$150,000
 Shaft Horsepower = 200 hp
 Average 3-year operation = 600 hours

Ownership:

Depreciation	\$150,000/15 years	= \$10,000
Overhead	25% x \$10,060	= \$ 2,500
		Total = \$12,500

\$12,500/600 hours = \$21 (rounded)

Operational:

200 hp x \$0.50 = \$100

Total rate (ownership + operational) = \$121

Example 2

Aircraft data:

1980 Cost = \$150,000
 Shaft Horsepower = 300 hp
 Average 3-year operation = 600 hours

Ownership:

Depreciation		= \$0
Overhead	\$0.02 x 300	= \$6
		Total = \$6

Operational:

300 hp x \$0.50 = \$150.00

Total rate (ownership + operational) = \$156

Example 3**Aircraft data:**

1985 cost = \$0

Cost to make equipment operational = \$30,000

Shaft horsepower = 400 hp

Average 3-year operation is unknown

Ownership:

Depreciation $\$30,000/15 = \2000

Overhead $25\% \times \$2000 = \500

Use minimum of \$4 for overhead, since overhead \$500/1200 hours would be less than \$4.00.
Calculate depreciation separately.

Depreciation $\$2000/1200 \text{ hours} = \2

Overhead $= \$4$

Total $= \$6$

Operational:

400 hp x \$0.50 = \$200.00

Total rate (ownership + operational) = \$206

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SCHEDULE OF EQUIPMENT RATES**

DEPARTMENT OF HOMELAND SECURITY
EMERGENCY PREPAREDNESS AND RESPONSE DIRECTORATE
RECOVERY DIVISION
PUBLIC ASSISTANCE BRANCH
WASHINGTON, D.C. 20472

The rates on this Schedule of Equipment Rates are for applicant-owned equipment in good mechanical condition, complete with all required attachments. Each rate covers all costs eligible under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. § 5121, et seq., for ownership and operation of equipment, including depreciation, overhead, all maintenance, field repairs, fuel, lubricants, tires, OSHA equipment and other costs incident to operation. Standby equipment costs are not eligible.

Equipment must be in actual operation performing eligible work in order for reimbursement to be eligible. LABOR COSTS OF OPERATOR ARE NOT INCLUDED in the rates and should be approved separately from equipment costs.

Information regarding the use of the Schedule is contained in 44 CFR § 206.228 *Allowable Costs*. Rates for equipment not listed will be furnished by FEMA upon request. Any appeals shall be in accordance with 44 CFR § 206.206 *Appeals*.

THESE RATES ARE APPLICABLE TO MAJOR DISASTERS AND EMERGENCIES DECLARED BY THE PRESIDENT AFTER THE DATE OF PUBLICATION OF THIS SCHEDULE.

Cost Code	Equipment	Specification	Capacity/Size	HP	Notes	Unit	Rate
8490	Aerial Lift, Self-Propelled	Max. Platform Height	37 Ft	to 15	Articulated, Telescoping, Scissor.	hour	\$4.00
8491	Aerial Lift, Self-Propelled	Max. Platform Height	60 Ft	to 30	Articulated, Telescoping, Scissor.	hour	\$11.00
8492	Aerial Lift, Self-Propelled	Max. Platform Height	70 Ft	to 50	Articulated, Telescoping, Scissor.	hour	\$20.50
8493	Aerial Lift, Self-Propelled	Max. Platform Height	125 Ft	to 85	Articulated and Telescoping.	hour	\$37.00
8494	Aerial Lift, Self-Propelled	Max. Platform Height	150 Ft	to 130	Articulated and Telescoping.	hour	\$58.00
8486	Aerial Lift, Truck Mntd	Max. Platform Height	25 Ft		Articulated and Telescoping.	hour	\$5.30
8487	Aerial Lift, Truck Mntd	Max. Platform Height	50 Ft		Articulated and Telescoping.	hour	\$8.90
8488	Aerial Lift, Truck Mntd	Max. Platform Height	75 Ft		Articulated and Telescoping.	hour	\$19.00
8489	Aerial Lift, Truck Mntd	Max. Platform Height	100 Ft		Articulated and Telescoping.	hour	\$36.00
8010	Air Compressor	Air Delivery	41 CFM	to 10	Hoses included.	hour	\$1.50
8011	Air Compressor	Air Delivery	103 CFM	to 30	Hoses included.	hour	\$4.10
8012	Air Compressor	Air Delivery	130 CFM	to 50	Hoses included.	hour	\$6.70
8013	Air Compressor	Air Delivery	175 CFM	to 90	Hoses included.	hour	\$11.75
8014	Air Compressor	Air Delivery	400 CFM	to 145	Hoses included.	hour	\$18.50
8015	Air Compressor	Air Delivery	575 CFM	to 230	Hoses included.	hour	\$29.00
8016	Air Compressor	Air Delivery	1100 CFM	to 355	Hoses included.	hour	\$43.00
8017	Air Compressor	Air Delivery	1600 CFM	to 500	Hoses included.	hour	\$58.00
8020	Air Curtain Burner			to 50	In ground burner.	hour	\$5.40
8021	Air Curtain Burner			to 75	In ground burner.	hour	\$6.10
8022	Air Curtain Burner			to 100	In ground burner.	hour	\$6.90
8023	Air Curtain Burner			to 50	Above ground burner.	hour	\$7.30
8024	Air Curtain Burner			to 75	Above ground burner.	hour	\$9.70
8025	Air Curtain Burner			to 100	Above ground burner.	hour	\$12.75
8040	Ambulance			to 150		hour	\$16.50
8041	Ambulance			to 210		hour	\$25.00
8060	Auger, Portable	Hole Diameter	16 In	to 6		hour	\$1.10
8061	Auger, Portable	Hole Diameter	18 In	to 13		hour	\$2.50
8062	Auger, Tractor Mntd	Max. Auger Diameter	36 In	to 13	Includes digger, boom and mounting hardware.	hour	\$1.75
8063	Auger, Truck Mntd	Max. Auger Size	24 In	to 100	Guardrail post driver.	hour	\$25.00
8070	Automobile			to 130	Transporting people.	mile	\$0.37
8071	Automobile			to 130	Transporting cargo.	hour	\$7.60
8072	Automobile, Police			to 250	Patrolling.	mile	\$0.41
8073	Automobile, Police			to 250	Stationary with engine running.	hour	\$11.00
8110	Barge, Deck	Size	120'x30'x7.25'			hour	\$24.50
8111	Barge, Deck	Size	120'x45'x7'			hour	\$38.00
8112	Barge, Deck	Size	140'x45'x7'			hour	\$51.00

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SCHEDULE OF EQUIPMENT RATES**

Cost Code	Equipment	Specification	Capacity/Size	HP	Notes	Unit	Rate
8113	Barge, Deck	Size	150'x45'x9'			hour	\$60.00
8115	Barge, Hopper	Size	200'x35'x12'		Open	hour	\$45.00
8116	Barge, Hopper	Size	200'x35'x12'		Closed	hour	\$52.00
8050	Board, Arrow			to 8	Trailer Mounted.	hour	\$2.80
8051	Board, Message			to 5	Trailer Mounted.	hour	\$8.40
8133	Boat, Push	Size	45'x21'x6'	to 435	Flat hull.	hour	\$128.00
8134	Boat, Push	Size	54'x21'x6'	to 525	Flat hull.	hour	\$144.00
8135	Boat, Push	Size	58'x24'x7.5'	to 705	Flat hull.	hour	\$176.00
8136	Boat, Push	Size	64'x25'x8'	to 870	Flat hull.	hour	\$206.00
8130	Boat, Row				Heavy duty.	hour	\$0.85
8131	Boat, Runabout	Size	13'x5'	to 50	Outboard.	hour	\$9.30
8132	Boat, Tender	Size	14'x7'	to 100	Inboard with 360 degree drive.	hour	\$20.50
8120	Boat, Tow	Size	55'x20'x5'	to 870	Steel.	hour	\$157.00
8121	Boat, Tow	Size	60'x21'x5'	to 1050	Steel.	hour	\$248.00
8122	Boat, Tow	Size	70'x30'x7.5'	to 1350	Steel.	hour	\$369.00
8123	Boat, Tow	Size	120'x34'x8'	to 2000	Steel.	hour	\$559.00
8140	Boat, Tug	Length	16 Ft	to 100		hour	\$23.00
8141	Boat, Tug	Length	18 Ft	to 175		hour	\$35.00
8142	Boat, Tug	Length	26 Ft	to 250		hour	\$44.00
8143	Boat, Tug	Length	40 Ft	to 380		hour	\$109.00
8144	Boat, Tug	Length	51 Ft	to 700		hour	\$153.00
8420	Breaker, Pavement			to 70		hour	\$25.50
8421	Breaker, Pavement			to 105		hour	\$34.00
8422	Breaker, Pavement			to 137		hour	\$42.00
8150	Broom, Pavement	Broom Length	72 In	to 20		hour	\$7.80
8151	Broom, Pavement	Broom Length	84 In	to 45		hour	\$11.75
8152	Broom, Pavement	Broom Length	96 In	to 100		hour	\$14.50
8153	Broom, Pavement, Mntd	Broom Length	72 In	to 18		hour	\$5.50
8154	Broom, Pavement, Pull	Broom Length	84 In	to 20		hour	\$7.50
8270	Bucket, Clamshell	Capacity	1.0 CY		Includes teeth.	hour	\$4.00
8271	Bucket, Clamshell	Capacity	2.5 CY		Includes teeth.	hour	\$7.10
8272	Bucket, Clamshell	Capacity	5.0 CY		Includes teeth.	hour	\$11.75
8273	Bucket, Clamshell	Capacity	7.5 CY		Includes teeth.	hour	\$16.00
8275	Bucket, Dragline	Capacity	2.0 CY			hour	\$3.25
8276	Bucket, Dragline	Capacity	5.0 CY			hour	\$6.80
8277	Bucket, Dragline	Capacity	10 CY			hour	\$11.25
8278	Bucket, Dragline	Capacity	14 CY			hour	\$13.25
8180	Bus			to 150		hour	\$11.50
8181	Bus			to 210		hour	\$17.75
8182	Bus			to 300		hour	\$24.00
8190	Chain Saw	Bar Length	16 In			hour	\$1.25
8191	Chain Saw	Bar Length	25 In			hour	\$2.45
8192	Chain Saw, Pole	Bar Size	18 In			hour	\$1.65
8200	Chipper, Brush	Chipping Capacity	6 In	to 35	Trailer Mounted.	hour	\$10.75
8201	Chipper, Brush	Chipping Capacity	12 In	to 65	Trailer Mounted.	hour	\$14.25
8202	Chipper, Brush	Chipping Capacity	16 In	to 100	Trailer Mounted.	hour	\$18.25
8203	Chipper, Brush	Chipping Capacity	18 In	to 125	Trailer Mounted.	hour	\$21.50
8204	Chipper, Brush	Chipping Capacity	18 In	to 200	Trailer Mounted.	hour	\$31.00
8205	Chipper, Brush	Chipping Capacity	19 In	to 300	Trailer Mounted.	hour	\$45.00
8206	Chipper, Brush	Chipping Capacity	19 In	to 450	Trailer Mounted.	hour	\$68.00
8207	Chipper, Brush			to 650	Trailer Mounted.	hour	\$103.00
8210	Clamshell & Dragline			to 100	Bucket not included in rate.	hour	\$64.00
8211	Clamshell & Dragline			to 155	Bucket not included in rate.	hour	\$86.00
8212	Clamshell & Dragline			to 235	Bucket not included in rate.	hour	\$117.00
8213	Clamshell & Dragline			to 350	Bucket not included in rate.	hour	\$159.00
8214	Clamshell & Dragline			to 530	Bucket not included in rate.	hour	\$221.00
8215	Clamshell & Dragline			to 800	Bucket not included in rate.	hour	\$305.00
8712	Cleaner, Sewer/Catch Basin	Hopper Capacity	5 CY		Truck Mounted.	hour	\$17.25
8713	Cleaner, Sewer/Catch Basin	Hopper Capacity	14 CY		Truck Mounted.	hour	\$22.00
8220	Compactor			to 10		hour	\$7.90
8221	Compactor			to 45		hour	\$13.75
8222	Compactor			to 75		hour	\$19.75
8223	Compactor			to 95		hour	\$24.00
8224	Compactor			to 150		hour	\$38.00
8225	Compactor			to 235		hour	\$63.00
8226	Compactor			to 335		hour	\$101.00

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SCHEDULE OF EQUIPMENT RATES**

Cost Code	Equipment	Specification	Capacity/Size	HP	Notes	Unit	Rate
8227	Compactor			to 535		hour	\$200.00
8228	Compactor, towed			to 15		hour	\$14.00
8229	Compactor, towed			to 50		hour	\$35.00
8230	Compactor, towed			to 100		hour	\$60.00
8500	Crane	Max. Lift Capacity	8 MT	to 80		hour	\$25.50
8501	Crane	Max. Lift Capacity	15 MT	to 150		hour	\$38.00
8502	Crane	Max. Lift Capacity	27 MT	to 200		hour	\$58.00
8503	Crane	Max. Lift Capacity	45 MT	to 300		hour	\$87.00
8504	Crane	Max. Lift Capacity	70 MT	to 350		hour	\$126.00
8505	Crane	Max. Lift Capacity	110 MT	to 450		hour	\$182.00
8496	Crane, Truck Mntd	Max. Lift Capacity	17600 Lbs			hour	\$22.00
8497	Crane, Truck Mntd	Max. Lift Capacity	33000 Lbs			hour	\$32.00
8498	Crane, Truck Mntd	Max. Lift Capacity	60000 Lbs			hour	\$49.00
8499	Crane, Truck Mntd	Max. Lift Capacity	120000 Lbs			hour	\$86.00
8195	Cutter, Brush	Cutter Size	8 ft	to 150			\$69.00
8196	Cutter, Brush	Cutter Size	8 ft	to 190			\$76.00
8197	Cutter, Brush	Cutter Size	10 ft	to 245			\$85.00
8670	Derrick, Hydraulic Digger	Max. Boom Length	55 Ft		Includes hydraulic pole alignment attachment.	hour	\$32.00
8671	Derrick, Hydraulic Digger	Max. Boom Length	75 Ft		Includes hydraulic pole alignment attachment.	hour	\$34.00
8672	Derrick, Hydraulic Digger	Max. Boom Length	95 Ft		Includes hydraulic pole alignment attachment.	hour	\$36.00
8580	Distributor, Asphalt	Tank Capacity	500 Gal		Truck Mounted. Includes burners, insulated tank, and circulating spray bar.	hour	\$9.50
8581	Distributor, Asphalt	Tank Capacity	1000 Gal		Truck Mounted. Includes burners, insulated tank, and circulating spray bar.	hour	\$14.00
8250	Dozer, Crawler			to 65		hour	\$26.50
8251	Dozer, Crawler			to 105		hour	\$34.00
8252	Dozer, Crawler			to 160		hour	\$46.00
8253	Dozer, Crawler			to 245		hour	\$67.00
8254	Dozer, Crawler			to 375		hour	\$104.00
8255	Dozer, Crawler			to 565		hour	\$171.00
8256	Dozer, Crawler			to 850		hour	\$298.00
8260	Dozer, Wheel			to 260		hour	\$44.00
8261	Dozer, Wheel			to 335		hour	\$52.00
8262	Dozer, Wheel			to 445		hour	\$66.00
8263	Dozer, Wheel			to 615		hour	\$96.00
8280	Excavator, Hydraulic	Bucket Capacity	0.5 CY	to 45	Crawler, Truck & Wheel. Includes bucket.	hour	\$19.50
8281	Excavator, Hydraulic	Bucket Capacity	1.0 CY	to 90	Crawler, Truck & Wheel. Includes bucket.	hour	\$33.00
8282	Excavator, Hydraulic	Bucket Capacity	1.5 CY	to 160	Crawler, Truck & Wheel. Includes bucket.	hour	\$55.00
8283	Excavator, Hydraulic	Bucket Capacity	2.5 CY	to 265	Crawler, Truck & Wheel. Includes bucket.	hour	\$88.00
8284	Excavator, Hydraulic	Bucket Capacity	4.5 CY	to 420	Crawler, Truck & Wheel. Includes bucket.	hour	\$138.00
8285	Excavator, Hydraulic	Bucket Capacity	7.5 CY	to 650	Crawler, Truck & Wheel. Includes bucket.	hour	\$215.00
8286	Excavator, Hydraulic	Bucket Capacity	12 CY	to 1000	Crawler, Truck & Wheel. Includes bucket.	hour	\$338.00
8240	Feeder, Grizzly			to 35		hour	\$18.75
8241	Feeder, Grizzly			to 55		hour	\$28.50
8242	Feeder, Grizzly			to 75		hour	\$45.00
8300	Fork Lift	Capacity	6000 Lbs	to 60		hour	\$7.80
8301	Fork Lift	Capacity	12000 Lbs	to 90		hour	\$11.00
8302	Fork Lift	Capacity	18000 Lbs	to 140		hour	\$18.25
8303	Fork Lift	Capacity	50000 Lbs	to 215		hour	\$33.00
8310	Generator	Prime Output	5.5 KW	to 10		hour	\$2.65
8311	Generator	Prime Output	16 KW	to 25		hour	\$5.90
8312	Generator	Prime Output	43 KW	to 65		hour	\$12.50
8313	Generator	Prime Output	85 KW	to 125		hour	\$18.25

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SCHEDULE OF EQUIPMENT RATES**

Cost Code	Equipment	Specification	Capacity/Size	HP	Notes	Unit	Rate
8314	Generator	Prime Output	140 KW	to 200		hour	\$25.50
8315	Generator	Prime Output	210 KW	to 300		hour	\$36.00
8316	Generator	Prime Output	280 KW	to 400		hour	\$46.00
8317	Generator	Prime Output	350 KW	to 500		hour	\$56.00
8318	Generator	Prime Output	530 KW	to 750		hour	\$82.00
8319	Generator	Prime Output	710 KW	to 1000		hour	\$109.00
8320	Generator	Prime Output	1100 KW	to 1500		hour	\$166.00
8321	Generator	Prime Output	1500 KW	to 2000		hour	\$226.00
8322	Generator	Prime Output	1900 KW	to 2500		hour	\$280.00
8323	Generator	Prime Output	2400 KW	to 3000		hour	\$335.00
8755	Golf Cart	Capacity	2 person			hour	\$2.15
8330	Graders	Moldboard Size	8 Ft	to 50	Includes Rigid and Articulate equipment.	hour	\$20.50
8331	Graders	Moldboard Size	10 Ft	to 100	Includes Rigid and Articulate equipment.	hour	\$27.00
8332	Graders	Moldboard Size	12 Ft	to 150	Includes Rigid and Articulate equipment.	hour	\$35.00
8333	Graders	Moldboard Size	14 Ft	to 225	Includes Rigid and Articulate equipment.	hour	\$49.00
8350	Hose, Discharge	Diameter	3 In		Per 25 foot length. Includes couplings.	hour	\$0.15
8351	Hose, Discharge	Diameter	4 In		Per 25 foot length. Includes couplings.	hour	\$0.20
8352	Hose, Discharge	Diameter	6 In		Per 25 foot length. Includes couplings.	hour	\$0.35
8353	Hose, Discharge	Diameter	8 In		Per 25 foot length. Includes couplings.	hour	\$0.55
8354	Hose, Discharge	Diameter	12 In		Per 25 foot length. Includes couplings.	hour	\$1.10
8355	Hose, Discharge	Diameter	16 In		Per 25 foot length. Includes couplings.	hour	\$1.85
8356	Hose, Suction	Diameter	3 In		Per 25 foot length. Includes couplings.	hour	\$0.20
8357	Hose, Suction	Diameter	4 In		Per 25 foot length. Includes couplings.	hour	\$0.30
8358	Hose, Suction	Diameter	6 In		Per 25 foot length. Includes couplings.	hour	\$0.50
8359	Hose, Suction	Diameter	8 In		Per 25 foot length. Includes couplings.	hour	\$0.80
8360	Hose, Suction	Diameter	12 In		Per 25 foot length. Includes couplings.	hour	\$1.75
8361	Hose, Suction	Diameter	16 In		Per 25 foot length. Includes couplings.	hour	\$3.10
8517	Jackhammer (Dry)	Weight Class	25-45 Lbs			hour	\$1.05
8518	Jackhammer (Wet)	Weight Class	30-55 Lbs			hour	\$1.20
8380	Loader, Crawler	Bucket Capacity	0.5 CY	to 32	Includes bucket.	hour	\$11.75
8381	Loader, Crawler	Bucket Capacity	1 CY	to 60	Includes bucket.	hour	\$20.50
8382	Loader, Crawler	Bucket Capacity	2 CY	to 118	Includes bucket.	hour	\$40.00
8383	Loader, Crawler	Bucket Capacity	3 CY	to 178	Includes bucket.	hour	\$63.00
8384	Loader, Crawler	Bucket Capacity	4 CY	to 238	Includes bucket.	hour	\$88.00
8385	Loader, Crawler	Bucket Capacity	5 CY	to 300	Includes bucket.	hour	\$118.00
8540	Loader, Skid-Steer	Operating Capacity	1000 Lbs	to 35		hour	\$10.50
8541	Loader, Skid-Steer	Operating Capacity	2000 Lbs	to 65		hour	\$14.25
8542	Loader, Skid-Steer	Operating Capacity	3000 Lbs	to 85		hour	\$16.00
8543	Loader, Skid-Steer	Operating Capacity	4000 Lbs	to 94		hour	\$16.50
8401	Loader, Tractor, Wheel			to 81		hour	\$14.25
8390	Loader, Wheel	Bucket Capacity	0.5 CY	to 38		hour	\$11.25
8391	Loader, Wheel	Bucket Capacity	1 CY	to 60		hour	\$14.00
8392	Loader, Wheel	Bucket Capacity	2 CY	to 105		hour	\$20.50
8393	Loader, Wheel	Bucket Capacity	3 CY	to 152		hour	\$27.50
8394	Loader, Wheel	Bucket Capacity	4 CY	to 200		hour	\$35.00
8395	Loader, Wheel	Bucket Capacity	5 CY	to 250		hour	\$43.00
8396	Loader, Wheel	Bucket Capacity	6 CY	to 305		hour	\$53.00
8397	Loader, Wheel	Bucket Capacity	7 CY	to 360		hour	\$64.00
8398	Loader, Wheel	Bucket Capacity	8 CY	to 415		hour	\$75.00

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SCHEDULE OF EQUIPMENT RATES**

Cost Code	Equipment	Specification	Capacity/Size	HP	Notes	Unit	Rate
8399	Loader, Wheel	Bucket Capacity	9 CY	to 470		hour	\$86.00
8400	Loader, Wheel	Bucket Capacity	10 CY	to 530		hour	\$100.00
8570	Loader-Backhoe, Wheel	Loader Bucket Capacity	0.5 CY	to 40	Loader and Backhoe Buckets included.	hour	\$10.50
8571	Loader-Backhoe, Wheel	Loader Bucket Capacity	1 CY	to 70	Loader and Backhoe Buckets included.	hour	\$16.00
8572	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.5 CY	to 95	Loader and Backhoe Buckets included.	hour	\$23.00
8573	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.75 CY	to 115	Loader and Backhoe Buckets included.	hour	\$30.00
8410	Mixer, Concrete Portable	Batching Capacity	10 Cft			hour	\$2.50
8411	Mixer, Concrete Portable	Batching Capacity	16 Cft			hour	\$3.75
8412	Mixer, Concrete, Trailer Mntd	Batching Capacity	11 Cft	to 10		hour	\$8.70
8413	Mixer, Concrete, Trailer Mntd	Batching Capacity	16 Cft	to 25		hour	\$13.25
8075	Motorcycle, Police					mile	\$0.29
8633	Mulcher, Trailer Mntd	Working Capacity	7 TPH	to 35		hour	\$7.90
8634	Mulcher, Trailer Mntd	Working Capacity	10 TPH	to 55		hour	\$11.50
8635	Mulcher, Trailer Mntd	Working Capacity	20 TPH	to 120		hour	\$16.75
8430	Paver, Asphalt			to 50	Includes wheel and crawler equipment.	hour	\$37.00
8431	Paver, Asphalt			to 75	Includes wheel and crawler equipment.	hour	\$56.00
8432	Paver, Asphalt			to 125	Includes wheel and crawler equipment.	hour	\$88.00
8433	Paver, Asphalt			to 175	Includes wheel and crawler equipment.	hour	\$113.00
8434	Paver, Asphalt			to 250	Includes wheel and crawler equipment.	hour	\$136.00
8436	Pick-up, Asphalt			to 110			\$52.00
8437	Pick-up, Asphalt			to 150			\$72.00
8438	Pick-up, Asphalt			to 200			\$97.00
8439	Pick-up, Asphalt			to 275			\$135.00
8660	Plow, Cable	Plow Depth	18 in	to 30			\$7.50
8661	Plow, Cable	Plow Depth	36 in	to 65			\$15.75
8662	Plow, Cable	Plow Depth	48 in	to 110			\$25.00
8450	Plow, Grader Mntd	Width	to 10 Ft			hour	\$18.50
8451	Plow, Grader Mntd	Width	to 14 Ft			hour	\$25.00
8452	Plow, Truck Mntd	Width	to 15 Ft			hour	\$13.50
8453	Plow, Truck Mntd	Width	to 15 Ft		With leveling wing.	hour	\$20.00
8470	Pump			to 3	Hoses not included.	hour	\$2.55
8471	Pump			to 6	Hoses not included.	hour	\$3.30
8472	Pump			to 10	Hoses not included.	hour	\$4.25
8473	Pump			to 15	Hoses not included.	hour	\$5.40
8474	Pump			to 25	Hoses not included.	hour	\$7.60
8475	Pump			to 40	Hoses not included.	hour	\$10.75
8476	Pump			to 60	Hoses not included.	hour	\$14.75
8477	Pump			to 95	Hoses not included.	hour	\$20.50
8478	Pump			to 140	Hoses not included.	hour	\$26.50
8479	Pump			to 200	Hoses not included.	hour	\$31.00
8463	Pump Extender	Length	20 Ft			hour	\$1.20
8460	Pump, W/O Power	Pump Size	6 In			hour	\$2.25
8461	Pump, W/O Power	Pump Size	12 In			hour	\$2.95
8462	Pump, W/O Power	Pump Size	24 In			hour	\$7.00
8510	Saw, Concrete	Blade Diameter	14 In	to 14		hour	\$4.00
8511	Saw, Concrete	Blade Diameter	26 In	to 35		hour	\$9.10
8512	Saw, Concrete	Blade Diameter	48 In	to 65		hour	\$15.50
8513	Saw, Rock			to 65		hour	\$25.00
8514	Saw, Rock			to 90		hour	\$33.00
8515	Saw, Rock			to 120		hour	\$45.00
8520	Scraper	Scraper Capacity	11 CY	to 175		hour	\$71.00
8521	Scraper	Scraper Capacity	16 CY	to 250		hour	\$92.00
8522	Scraper	Scraper Capacity	23 CY	to 365		hour	\$120.00
8523	Scraper	Scraper Capacity	34 CY	to 475		hour	\$145.00
8524	Scraper	Scraper Capacity	44 CY	to 600		hour	\$172.00
8560	Snow Blower	Capacity	2,000 Tph	to 400		hour	\$121.00

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SCHEDULE OF EQUIPMENT RATES**

Cost Code	Equipment	Specification	Capacity/Size	HP	Notes	Unit	Rate
8561	Snow Blower	Capacity	2,500 Tph	to 500		hour	\$134.00
8562	Snow Blower	Capacity	3,500 Tph	to 600		hour	\$153.00
8550	Snow Blower, Truck Mntd	Capacity	600 Tph	to 75		hour	\$33.00
8551	Snow Blower, Truck Mntd	Capacity	1100 Tph	to 150		hour	\$52.00
8552	Snow Blower, Truck Mntd	Capacity	1600 Tph	to 250		hour	\$77.00
8553	Snow Blower, Truck Mntd	Capacity	2500 Tph	to 400		hour	\$109.00
8630	Sprayer, Seed	Working Capacity	750 Gal	to 30	Trailer & truck mounted.	hour	\$8.80
8631	Sprayer, Seed	Working Capacity	1250 Gal	to 50	Trailer & truck mounted.	hour	\$11.00
8632	Sprayer, Seed	Working Capacity	3500 Gal	to 115	Trailer & truck mounted.	hour	\$17.00
8458	Spreader, Chemical	Capacity	5 CY	to 4	Trailer & truck mounted.	hour	\$3.65
8423	Spreader, Chip	Spread Hopper Width	12.5 Ft	to 152		hour	\$40.00
8424	Spreader, Chip	Spread Hopper Width	16.5 Ft	to 215		hour	\$53.00
8425	Spreader, Chip, Mntd	Hopper Size	8 Ft	to 8	Trailer & truck mounted.	hour	\$2.85
8455	Spreader, Sand	Mounting	Tailgate, Chassis			hour	\$3.85
8456	Spreader, Sand	Mounting	Dump Body			hour	\$5.50
8457	Spreader, Sand	Mounting	Truck (10yd)			hour	\$7.70
8440	Striper	Paint Capacity	40 Gal	to 22		hour	\$11.75
8441	Striper	Paint Capacity	90 Gal	to 60		hour	\$16.75
8442	Striper	Paint Capacity	120 Gal	to 122		hour	\$33.00
8445	Striper, Truck Mntd	Paint Capacity	120 Gal	to 460		hour	\$51.00
8446	Striper, Walk-behind	Paint Capacity	12 Gal			hour	\$2.75
8157	Sweeper, Pavement			to 110		hour	\$38.00
8158	Sweeper, Pavement			to 150		hour	\$43.00
8159	Sweeper, Pavement			to 200		hour	\$50.00
8590	Trailer, Dump	Capacity	20 CY		Does not include Prime Mover.	hour	\$16.75
8591	Trailer, Dump	Capacity	30 CY		Does not include Prime Mover.	hour	\$25.50
8592	Trailer, Dump	Capacity	40 CY		Does not include Prime Mover.	hour	\$34.00
8600	Trailer, Equipment	Capacity	30 Tons			hour	\$9.70
8601	Trailer, Equipment	Capacity	40 Tons			hour	\$11.25
8602	Trailer, Equipment	Capacity	60 Tons			hour	\$13.50
8640	Trailer, Office	Trailer Size	8' x 24'			hour	\$1.55
8641	Trailer, Office	Trailer Size	8' x 32'			hour	\$1.85
8642	Trailer, Office	Trailer Size	10' x 32'			hour	\$2.30
8610	Trailer, Water	Tank Capacity	4000 Gal		Includes a centrifugal pump with sump and a rear spraybar.	hour	\$10.50
8611	Trailer, Water	Tank Capacity	6000 Gal		Includes a centrifugal pump with sump and a rear spraybar.	hour	\$12.25
8612	Trailer, Water	Tank Capacity	10000 Gal		Includes a centrifugal pump with sump and a rear spraybar.	hour	\$15.25
8613	Trailer, Water	Tank Capacity	14000 Gal		Includes a centrifugal pump with sump and a rear spraybar.	hour	\$18.50
8650	Trencher			to 35	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour	\$11.75
8651	Trencher			to 85	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour	\$27.50
8652	Trencher			to 115	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour	\$37.00
8653	Trencher			to 175	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour	\$55.00
8290	Trowel, Concrete	Diameter	90 In	to 25		hour	\$9.00
8291	Trowel, Concrete	Diameter	100 In	to 38		hour	\$14.00
8810	Truck, Bucket				Add Flatbed Truck to Truck Mounted Aerial Lift.		
8811	Truck, Cleaning				Add Flatbed Truck to Sewer Cleaner.		
8680	Truck, Concrete Mixer	Mixer Capacity	10 CY	to 255		hour	\$58.00
8681	Truck, Concrete Mixer	Mixer Capacity	13 CY	to 300		hour	\$67.00
8720	Truck, Dump	Struck Capacity	8 CY	to 210		hour	\$21.00
8721	Truck, Dump	Struck Capacity	10 CY	to 235		hour	\$24.00
8722	Truck, Dump	Struck Capacity	12 CY	to 255		hour	\$27.00
8723	Truck, Dump	Struck Capacity	18 CY	to 330		hour	\$40.00
8724	Truck, Dump	Struck Capacity	28 CY	to 400		hour	\$66.00
8725	Truck, Dump	Struck Capacity	40 CY	to 460		hour	\$72.00
8726	Truck, Dump	Struck Capacity	50 CY	to 620		hour	\$90.00
8690	Truck, Fire	Pump Capacity	1000 GPM			hour	\$44.00

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SCHEDULE OF EQUIPMENT RATES**

Cost Code	Equipment	Specification	Capacity/Size	HP	Notes	Unit	Rate
8691	Truck, Fire	Pump Capacity	1250 GPM			hour	\$46.00
8692	Truck, Fire	Pump Capacity	1500 GPM			hour	\$59.00
8693	Truck, Fire	Pump Capacity	2000 GPM			hour	\$64.00
8700	Truck, Flatbed	Maximum Gvw	15000 Lbs	to 150		hour	\$11.25
8701	Truck, Flatbed	Maximum Gvw	25000 Lbs	to 180		hour	\$13.75
8702	Truck, Flatbed	Maximum Gvw	30000 Lbs	to 215		hour	\$17.75
8703	Truck, Flatbed	Maximum Gvw	45000 Lbs	to 250		hour	\$23.00
8704	Truck, Flatbed	Maximum Gvw	50000 Lbs	to 300		hour	\$28.00
8705	Truck, Flatbed			to 375		hour	\$34.00
8706	Truck, Flatbed			to 450		hour	\$40.00
8730	Truck, Garbage	Capacity	25 CY	to 255		hour	\$31.00
8731	Truck, Garbage	Capacity	32 CY	to 325		hour	\$38.00
8812	Truck, Knuckle Boom				Add Flatbed Truck to Truck Mounted Crane.		
8813	Truck, Ladder				Add Flatbed Truck to Truck Mounted Aerial Lift.		
8814	Truck, Line				Add Flatbed Truck to Hydraulic Digger Derrick.		
8800	Truck, Pickup			to 130	When transporting people.	mile	\$0.33
8801	Truck, Pickup			to 130		hour	\$7.40
8802	Truck, Pickup			to 180		hour	\$9.30
8803	Truck, Pickup			to 230		hour	\$11.75
8804	Truck, Pickup			to 280		hour	\$14.75
8790	Truck, Tractor			to 210		hour	\$22.00
8791	Truck, Tractor			to 265		hour	\$28.50
8792	Truck, Tractor			to 310		hour	\$32.00
8793	Truck, Tractor			to 350		hour	\$35.00
8780	Truck, Water	Tank Capacity	2500 Gal	to 175	Include pump and rear spray system.	hour	\$20.50
8781	Truck, Water	Tank Capacity	4000 Gal	to 250	Include pump and rear spray system.	hour	\$29.00
8620	Tub Grinder			to 400		hour	\$61.00
8621	Tub Grinder			to 500		hour	\$74.00
8622	Tub Grinder			to 600		hour	\$86.00
8623	Tub Grinder			to 700		hour	\$98.00
8624	Tub Grinder			to 800		hour	\$110.00
8625	Tub Grinder			to 900		hour	\$122.00
8626	Tub Grinder			to 1000		hour	\$133.00
8753	Vehicle, Recreational			to 10		hour	\$2.15
8750	Vehicle, Small			to 30		hour	\$4.10
8760	Vibrator, Concrete			to 4		hour	\$1.00
8761	Vibrator, Concrete			to 8		hour	\$1.95
8770	Welder, Portable			to 16	Includes ground cable and lead cable.	hour	\$3.05
8771	Welder, Portable			to 34	Includes ground cable and lead cable.	hour	\$6.20
8772	Welder, Portable			to 50	Includes ground cable and lead cable.	hour	\$8.70
8773	Welder, Portable			to 80	Includes ground cable and lead cable.	hour	\$12.50

INTERGOVERNMENTAL AGREEMENT FOR EMERGENCY MANAGEMENT

WITNESSETH THAT:

WHEREAS, intergovernmental agreements to provide functions or services, including the sharing of costs of such services or functions, by political subdivisions of the State of Colorado are specifically authorized by Section 29-1-203 C.R.S. (1986) and other sections of the C.R.S.; and

WHEREAS, establishment of an intergovernmental agreement will serve a public purpose and will promote the safety, security, and general welfare of the inhabitants of the jurisdictions; and

WHEREAS, the jurisdictions hereto are each authorized to provide, establish, and maintain disaster emergency services as defined by each jurisdiction; and

WHEREAS, disaster emergencies may arise in one or more of the jurisdictions, resulting in greater demands than the personnel and equipment of that jurisdiction can handle, and

WHEREAS, it is in the best interest of each of the jurisdictions that it may have service of and from the other jurisdictions to assist it in reacting to disaster emergencies; and

WHEREAS, other jurisdictions who provide similar resources may in the future desire to be included in this agreement; and

WHEREAS, it is in the best interests of each of the jurisdictions to have access to emergency resources to supplement their own during an emergency; and

WHEREAS, to receive the resources cited above, it is cost effective for each of the jurisdictions to make available during disaster emergencies, its own resources to other affected jurisdictions.

NOW THEREFORE, IT IS MUTUALLY AGREED by and between each of the signatory jurisdictions as follows:

1. a. This intergovernmental Agreement is promulgated under the provision of Article 1, the relevant portions of Articles 5 and 22, Title 29, and 24-32-2105 C.R.S. The statute shall control in case of conflict between this agreement and the statute. Each and every term, provision, or condition herein is subject to and shall be construed in accordance with the provisions of Colorado law, the Charters of the various jurisdictions, and the ordinances and regulations enacted pursuant thereto.
 - b. It is understood and agreed by the jurisdictions hereto that if any part, term or provision of this Agreement is by the courts held to be illegal or in conflict with any law of the State of Colorado, or of the United States of America, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the jurisdictions shall be construed and enforced as if the Agreement did not contain the particular part, term, or provision held to be invalid.
 - c. All terms and words herein shall have the same definition as provided in Titles 24 and 29 of C.R.S. except as herein otherwise indicated. "Disaster Emergency" shall have the same definition as provided for "Disaster" at 24-32-2103 (1) C.R.S. Where terms and words herein are not so defined they shall have the commonly accepted definition.
2. This Agreement provides for the joint exercise by the jurisdictions of the function or service provided herein, but does not establish a separate legal entity to do so, nor does it constitute any jurisdiction as an agent of any other jurisdiction for any purpose whatsoever. This Agreement shall provide only for sharing of in-kind resources by the jurisdictions.

3. For and in consideration of the promises of each participating jurisdiction, each agrees with the others that in the event there are disaster emergencies in the territory served by one jurisdiction which are beyond the capabilities of that jurisdiction, subject to the limitations herein set forth, will assist the other, by causing and permitting its resources to be used in responding to each disaster emergencies in the other jurisdiction. The need for such assistance shall be determined by the jurisdiction requesting assistance, subject however, to the following limitations:
 - a. Any of the signatory jurisdictions shall be excused from making their resources available or continuing to make their resources available, to any of the other jurisdictions, in the event of the need of the resources of such jurisdiction within the territorial area of such jurisdiction or any other jurisdiction, or their prior use at any other place. Such decision of availability shall be made by the jurisdiction requested to give mutual aid, and such decision shall be conclusive and in the providing jurisdiction's sole discretion.
 - b. Mutual aid response by any jurisdiction beyond the political boundary of the responding jurisdiction is hereby deemed to be approved by the respective Executive and Legislative governing bodies of the jurisdictions, and such response shall require no further approval by responsible officials of any jurisdiction, except as provided by the limitations in Article 3 a (above).
4. Each jurisdiction shall, at all times, be responsible for its own costs incurred in the performance of this Agreement, and shall not receive any reimbursement from any other jurisdiction, except for third party reimbursement under Article 7, and except as may be negotiated and agreed to separately, in writing, by both the requesting and receiving jurisdictions.
5. Each jurisdiction waives all claims and causes of action against all of the other jurisdictions for compensation, damage, personal injury or death occurring as a consequence, direct or indirect, of the performance of this agreement, to the extent permitted by, and without waiving any protections or other provisions of, the Colorado Governmental Immunity Act.
6. Each jurisdiction agrees to allow any other governmental jurisdiction defined under Colorado law to join in this Mutual Aid Agreement after formal approval by its governing body and notification by the depository cited in Article 13 of such action to each of the other signatory jurisdictions to this Agreement. Each party who initially executes this agreement delegates to the office of the person executing this agreement, or such other parties as they may further designate in writing, the authority to execute such amendments as may be necessary in the future to accommodate the joinder of new jurisdictions to this Agreement, without change of any other terms or conditions of the Agreement.
7. Each jurisdiction agrees that it will reasonably pursue any legal reimbursement possible, pursuant to state or federal law, for incidents including, but not limited to, hazardous materials incidents, occurring within its jurisdiction, on behalf of all assisting jurisdictions. Upon payment by the responsible entity, and after subtracting the reasonable costs of pursuing and collecting the reimbursement the receiving jurisdiction will distribute the received funds in a fair and equitable manner to assisting jurisdictions, based upon a pro rata share of their documented expenses for the involved incident.
8. Nothing contained in this agreement, and no performance under this Agreement by personnel of the jurisdictions hereto, shall in any respect alter or modify the status of officers, agents, or employees of the respective jurisdictions for purposes of worker's compensation or their benefits or entitlements, pension, levels or types of training, internal discipline, certification, or rank procedures, methods, or categories, or for any purpose, or condition or requirement of employment. Worker's Compensation Coverage shall be as structured in C.R.S. 29-5-109, if the request meets the requirements of C.R.S. 29-5-103 through 108, otherwise the claim shall be processed as if it were generated by any other work assignment within the providing jurisdiction. The providing jurisdiction

shall remain responsible for processing any worker's compensation claims filed by their own resources.

9. This Agreement shall be binding upon the successors and assigns of each of the jurisdictions hereto, except that no jurisdiction may assign any of its rights or obligations hereunder, without the prior written consent of two-thirds (2/3) of the other signatory jurisdictions.
10. It is expressly understood and agreed that enforcement of the terms and conditions of the Agreement, and all rights of action relating to such enforcement, shall be strictly reserved to the named jurisdictions hereto, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person on such Agreement. It is the express intention of the named jurisdictions that any person other than the named jurisdictions receiving services or benefits under this Agreement shall be deemed to be an incidental beneficiary only.
11. Amendments to this Agreement may be made only upon unanimous consent by all then current signatory jurisdictions. Such consent shall become effective upon its receipt in writing at the depository cited below in Article 13.
12. Any jurisdiction hereto may terminate this Agreement, with or without cause, upon thirty (30) days prior written notice to the signature depository provided below.
13. This Agreement shall be executed by each jurisdiction on a separate signature page. Original signature pages will be held by the Colorado Office of Emergency Management (OEM) or its successor agency, at its offices at 15075 South Golden Road, Golden, CO 80401-3979 or at such other place as OEM shall determine. Copies of signature pages shall be provided and certified by OEM to each party jurisdiction, and such copies shall have the full force and effect as if they were originals. OEM shall provide timely notice to all party jurisdictions of any additions to and withdrawals of party jurisdictions, as well as timely notice of the effective date of any amendment to this Agreement.

INTERGOVERNMENTAL AGREEMENT FOR EMERGENCY MANAGEMENT

As outlined in the foregoing Intergovernmental Agreement, the below designated jurisdiction executes this Agreement on the most recent date indicated below.

JURISDICTION:

By: _____

Title: _____

Date: _____

Approved as to: _____

By: _____

Date: _____

Approved as to: _____

By: _____

Date: _____

OTHER:

ATTEST AS TO SIGNATURES: _____

Title: _____

Date: _____