# TIER 2

# Fire and Hazardous Materials


Aircraft Rescue Firefighting ..... 1
Air Supply Truck ..... 2
Air Tanker ..... 3
All Terrain Vehicles (ATV) – Fire Specific ..... 4
Engine, Fire (Pumper) – Type V-VII ..... 5
Extrication Equipment ..... 6
Field Mobile Mechanic ..... 7
Mobile Communications Unit – Law/Fire (Mobile Command Vehicle) – Type III ..... 8
Portable Pump – Type IV – Other ..... 9

# TIER 2

Idaho Bureau of Homeland Security
January 2010

| RESOURCE: AIRCRAFT RESCUE FIREFIGHTING (ARFF) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **CATEGORY:** | Firefighting (ESF#4) | | | | | **KIND:** | Vehicle | |
| **MINIMUM CAPABILITIES:** | | | | | | | | |
| **COMPONENT:** | **METRIC:** | | **TYPE I** | **TYPE II** | **TYPE III** | **TYPE IV** | **TYPE V** | **OTHER** |
| Water Capacity | Gallons | **TYPE I - TYPE IV (N/A in Tier 1 Typing)** | 3000 | 1500 | N/A | | | |
| Foam Capacity | | | 400 | 200 | N/A | | | |
| Turret Gun | | | 1200 | | N/A | | | |
| Bumper Turret | | | 300 | 300 | N/A | | | |
| Purple K | | | N/A | 500 | 500 | | | |
| Premixed Foam | | | N/A | N/A | 100 | | | |
| **EXAMPLE:** | | | | | | | | |
| **COMMENTS:** | A motor-driven vehicle, designed and constructed for the purpose of aircraft rescue and fighting fires and capable of delivering Class B Foam, providing a specified level of pumping, water, hose, and rescue capacity and personnel. | | | | | | | |
| FEMA Cost Code: | | | | | | | | |

# TIER 2

Idaho Bureau of Homeland Security
January 2010

| RESOURCE: AIR SUPPLY TRUCK | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CATEGORY: | Firefighting (ESF#4) | | | | | KIND: | Vehicle | |
| MINIMUM CAPABILITIES: | | TYPE I - TYPE IV (N/A in Tier 1 Typing) | TYPE I | TYPE II | TYPE III | TYPE IV | TYPE V | OTHER |
| COMPONENT: | METRIC: | | | | | | | |
| Compressor | psi | | 25 CMF @ 5000 PSI | 20 CMF @ 2200 PSI | 15 CMF @ 2200 PSI | | | |
| Storage Tanks | $ft^3$ | | $2000ft^3$ | $1000ft^3$ | $1000ft^3$ | | | |
| | | | | | | | | |
| EXAMPLE: | | | | | | | | |
| COMMENTS: | | | | | | | | |
| FEMA Cost Code: | | | | | | | | |

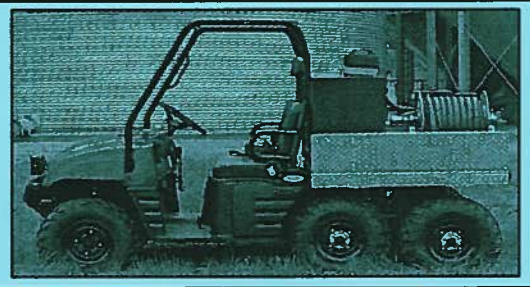
# TIER 2

Idaho Bureau of Homeland Security
January 2010

| RESOURCE: AIR TANKER | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CATEGORY: | Firefighting (ESF#4) | | | | | KIND: | Aircraft | |
| MINIMUM CAPABILITIES: | | | | | | | | |
| COMPONENT: | METRIC: | TYPE I - TYPE IV (N/A in Tier 1 Typing) | TYPE I | TYPE II | TYPE III | TYPE IV | TYPE V | OTHER |
| Minimum Retardant Capacity | | | 3000+ | 1800-2999 | 600-1799 | 100-599 | | |
| | | | | | | | | |
| | | | | | | | | |
| EXAMPLE: | | | DC-7, C-130A, C-97/KC-97, P-3 Orion | DC-6, DC-4/DC-54, P2V5/P2V7 Neptune, SP2H Neptune, PB4Y-2 Privateer | S-2 Tracker, PV-2 Harpoon, AT-802F | Turbine Thrush, Ag Cat, Dromader, Beaver | | |
| COMMENTS: | | | | | | | | |
| FEMA Cost Code: | | | | | | | | |

# TIER 2

Idaho Bureau of Homeland Security
January 2010

| RESOURCE: FIRE SPECIFIC ALL TERRAIN VEHICLE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CATEGORY: | Firefighting (ESF#4) | | | | | KIND: | Equipment | |
| MINIMUM CAPABILITIES: | | | | | | | | |
| COMPONENT: | METRIC: | TYPE I - TYPE IV (N/A in Tier 1 Typing) | TYPE I | TYPE II | TYPE III | TYPE IV | TYPE V | OTHER |
| Pump Capacity | gpm | | 50 | 50 | | | | |
| Water Tank | gal | | 500 | 300 | | | | |
| Hose - 3/4" | inches | | 100 | 100 | | | | |
| Personnel | | | 1 | 1 | | | | |
| EXAMPLE: | | |  | | | | | |
| COMMENTS: | Note how many the ATV seats and other capabilities such as foam. | | | | | | | |
| FEMA Cost Code: | | | | | | | | |

# TIER 2

Idaho Bureau of
Homeland Security
January 2010

| RESOURCE: ENGINE, FIRE (PUMPER) - TYPE V - VII | | | | | | | |
|---|---|---|---|---|---|---|---|
| CATEGORY: | Firefighting (ESF#4) | | | | | KIND: | Equipment |
| MINIMUM CAPABILITIES: | | | | | | | |
| COMPONENT: | METRIC: | | TYPE V | TYPE VI | TYPE VII | TYPE VIII | OTHER |
| Pump Capacity | gpm | TYPE I - TYPE IV (See Tier 1 Typing) | 50 | 50 | 10 | | |
| Water Tank | gal | | 400 | 150 | 50 | | |
| Hose - 2.5" | inches | | | | | | |
| Hose - 1.5" | inches | | 300 | 300 | | | |
| Hose - 1" | inches | | 300 | 300 | 200 | | |
| Personnel | | | 2 | 2 | 2 | | |
| EXAMPLE: | | | | | | | |
| COMMENTS: | This extended typing V-VII is based off of IDL 2010 Rate Book. | | | | | | |
| FEMA Cost Code: | | | | | | | |

# TIER 2

Idaho Bureau of Homeland Security
January 2010

| RESOURCE: EXTRICATION EQUIPMENT | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CATEGORY: | Firefighting (ESF#4) | | | | | KIND: | Equipment | |
| MINIMUM CAPABILITIES: | | | | | | | | |
| COMPONENT: | METRIC: | TYPE I - TYPE IV (N/A in Tier 1 Typing) | TYPE I | TYPE II | TYPE III | TYPE IV | TYPE V | OTHER |
| | | | Hydraulic System | Electric Hydraulic System | Electric Motor System | | | |
| | | | | | | | | |
| EXAMPLE: | | | | | | | | |
| COMMENTS: | | | | | | | | |
| FEMA Cost Code: | | | | | | | | |

# TIER 2

Idaho Bureau of Homeland Security
January 2010

| RESOURCE: FIELD MOBILE MECHANIC | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CATEGORY: | Firefighting (ESF#4) | | | | | KIND: | Equipment | |
| MINIMUM CAPABILITIES: | | TYPE I - TYPE IV (N/A in Tier 1 Typing) | TYPE I | TYPE II | TYPE III | TYPE IV | TYPE V | OTHER |
| COMPONENT: | METRIC: | | | | | | | |
| | | | Heavy Equipment | Light Equipment | | | | |
| | | | | | | | | |
| EXAMPLE: | | | | | | | | |
| COMMENTS: | Certified mechanic skills | | | | | | | |
| FEMA Cost Code: | | | | | | | | |

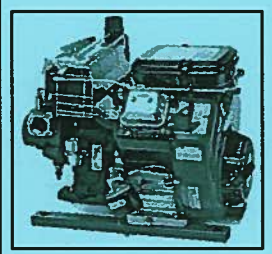
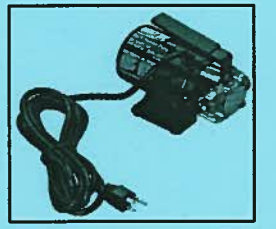
# TIER 2

Idaho Bureau of
Homeland Security
January 2010

| RESOURCE: MOBILE COMMUNICATIONS UNIT (LAW/FIRE) - TYPE III | | | | | | | |
|---|---|---|---|---|---|---|---|
| **CATEGORY:** | Communications | | | | | **KIND:** | Vehicle |
| **MINIMUM CAPABILITIES:** | | | | | | | |
| **COMPONENT:** | **METRIC:** | | **TYPE III** | **TYPE IV** | **TYPE V** | **TYPE VI** | **OTHER** |
| Console/ Workstation | | **TYPE I - TYPE II (See Tier 1 Typing)** | 1 | | | | |
| Frequency | | | VHF, UHF | | | | |
| Power Source | | | Internal or External | | | | |
| Telephone System | | | | | | | |
| Personnel | | | 1 | | | | |
| | | | | | | | |
| **EXAMPLE:** | | | | | | | |
| **COMMENTS:** | Multi-Range: 150-174MHz, 800MHz (simplex or repeated), Single Range: 150-174MHz only | | | | | | |
| FEMA Cost Code: | | | | | | | |

# TIER 2

Idaho Bureau of
Homeland Security
January 2010

| RESOURCE: PORTABLE PUMP TYPE IV - V | | | | | | | |
|---|---|---|---|---|---|---|---|
| CATEGORY: | Firefighting (ESF #4) | | | | | KIND: | Equipment |
| MINIMUM CAPABILITIES: | | TYPE I - TYPE III (See Tier 1 Typing) | TYPE IV | TYPE V | TYPE VI | TYPE VII | OTHER |
| COMPONENT: | METRIC: | | | | | | |
| Pumping Capacity | GPM | | 20 | 5 | | | |
| | | | | | | | |
| EXAMPLE: | | |  |  | | | |
| COMMENTS: | | | | | | | |
| FEMA Cost Code: | Pumps are divided by horsepower: 8470 - 8485 | | | | | | |