Date: _____ *Time:* _____ *E #* _____

Incident Name: _____ *Incident #* _____

Company / Contractor: _____ Equipment ID: _____

Agreement # _____ Equipment Make: _____

VIN/Serial # _____ Equipment Model: _____

Operator/Technician Name: _____

MINIMUM EQUIPMENT REQUIREMENTS

	Not all inclusive; for additional clarification refer to the agreement (SF-1449 section D)		Yes	No
1	**Equipment VIN/serial # matches resource order** (Schedule of Items)	D.6.3.1	☐	☐
2	**Check-in process completed**	D.6.5.3	☐	☐
3	**Agreement**: One complete copy	D.8	☐	☐
4	**Self-sustained:** Unit arrived fully operable with all necessary fuel and power.	D.2.1.1	☐	☐
5	**Technician:** Capable of setting up/providing maintenance on the unit & qualified to maintain/program the provided equipment *(i.e., radios, computers, etc.).*	D.2.1.1	☐	☐
6	**Unit:** Minimum 26' length X 8' wide *(max 8'6" wide),* excluding tongue. Two rooms w/forced air separated by door. Radio room w/180-degree windows.	D.2.1.1	☐	☐
7	**Shades/Blinds:** Pull-down style or Mini blinds. *Reflective shades and reflective window tint are not allowed.*	D.2.1.1	☐	☐
8	**Window Screens:** Undamaged screen is required on any windows that can open.	D.2.1.1	☐	☐
9	**Air Conditioning Unit(s):** Self-contained, climate-controlled unit to maintain 70-75° F temperature in unit.	D.2.1.1	☐	☐
10	**Heating System:** Sufficient to provide heating commensurate with the internal dimensions, no free-standing heaters.	D.2.1.1	☐	☐
11	**Stabilizers:** Required if unit is configured as a trailer.	D.2.1.1	☐	☐
12	**White boards:** 3 each, recommend 36" L x 24" H. One is installed in the radio room, and two are installed on each wall of the general work area room.	D.2.1.1	☐	☐
13	**Cork boards:** 3 each, recommend 36" L x 24" H. One is installed in the radio room, and two are installed on each wall of the general work area room.	D.2.1.1	☐	☐
14	**Internal Lighting:** Sufficient to provide adequate light for nighttime operations. Minimum 1 AC lighting fixture over each work area, *florescent lighting is acceptable*.	D.2.1.1	☐	☐
15	**Outside Lighting:** Sufficient to provide adequate light for nighttime operations around the unit and the briefing area.	D.2.1.1	☐	☐
16	**Steps/Stairs:** No steep steps. Access shall provide safe entry/exit from the unit.	D.2.1.1	☐	☐
17	**Windsock:** 15 Knot windsock (1 each). Capable of rotating without touching any obstacles.	D.2.1.1	☐	☐
18	**Fire Extinguisher:** 2A 10BC Securely mounted with a current annual inspection tag.	D.2.1.1	☐	☐

19	**Workstations:** 1. Three (3) desktop/countertop workstations in radio room, four (4) more in work area, seven (7) rolling chairs. 2. Min. individual desk top workspace provided shall be 18" deep by 36" long. 3. Minimum of one AC light fixture over each work area.	D.2.1.2	☐	☐
20	**All-In-One Fax/Copier/Scanner:** Two (2) reams of paper appropriate for the machine, for initial start-up.	D.2.1.1	☐	☐
21	**Printer:** High-Capacity Printer, minimum of one that can produce 28 pages/minute.	D.2.1.1	☐	☐
22	**Hand Tool Kit** *(for general use)*	D.2.1.1	☐	☐
	Electrical Power Requirements			
23	**Minimum 120 Volt, 50 Amp AC service entrance with disconnect switch to master breaker.**	D.2.1.3	☐	☐
24	**AC Receptacles at all workstations.**	D.2.1.3	☐	☐
25	**AC service extension cable:** 20-foot, 50-amp extension cable	D.2.1.3	☐	☐
26	**AC 3 Pin Twist-Lock to Standard 3 Pin Adapters:** minimum 20-amp service	D.2.1.3	☐	☐
27	**Battery Backup:** DC (battery) backup with a minimum of 100 AH capacity for initial start-up and power outages, with capacity to power all radio equipment for at least one operational period. 1. Battery must have a master disconnect or breaker switch. 2. Battery must be physically isolated from work area for personnel safety. 3. Battery must be a sealed, non-ventilating type, such as gel-cell.	D.2.1.3	☐	☐
28	**Charging System:** DC charging system to maintain battery backup. (A small generator that will support all radio equipment may be substituted for battery back-up.)	D.2.1.3	☐	☐
29	**Auxiliary Connection:** Two auxiliary 12-volt connection power points near radio equipment.	D.2.1.3	☐	☐
30	**External Generator:** One (1) each AC generator kit to include one (1) quiet style generator with a minimum output capacity of 6000 Watts (6Kw) that can operate for one operational period without running out of fuel. *Generator shall not exceed 65 dB(A), Sound Pressure Level at 23' and shall be positioned away from unit with sound dampening material around it.*	D.2.1.3	☐	☐
	Radio and Electronic Equipment			
31	**Radio Equipment:** Must be ready for immediate use upon arrival at the helibase, *pending frequency programming*.	D.2.1.4	☐	☐
32	**Vendor provided:** Laptop with all radio frequency programming software and any necessary programming hardware to program those radios that are capable of programming channel information via computer.	D.2.1.4	☐	☐
33	**UHF-FM Base Station:** Minimum of two (2) UHF-FM mobile radios. 1. Capability for 10 (minimum) preset channels. 2. Be user programmable without the need of a computer (although computer programming capability is also a requirement). 3. Each radio will have a desk mic or handheld mic with a speaker providing sufficient adjustable volume to be heard in a noisy working environment. 4. Programming instructions for user and computer programming will be available.	D.2.1.4	☐	☐
34	**VHF-AM Base Station:** Minimum of two (2) VHF-AM mobile or base radios. 1. Each radio will have a desk mic or handheld mic with a speaker providing sufficient adjustable volume to be heard in a noisy working environment. 2. Programming instructions for user and computer programming will be available.	D.2.1.4	☐	☐
35	**VHF-AM Handheld Radios:** Consisting of a minimum of two (2) VHF-AM handheld radio.	D.2.1.4	☐	☐

	1. Each radio will have two (2) battery packs/clamshells. 2. Each radio will field/user programmable.			
36	**VHF-FM P25 Digital Base Station:** Consisting of a minimum of three (3) VHF-FM mobile radio. 1. Each radio will have a desk mic or handheld mic with a speaker providing sufficient adjustable volume to be heard in a noisy working environment. 2. Each radio will conform to the following requirements: a. **A P25 Digital VHF-FM two-way mobile radio:** with a matched broadband antenna, provide selection of analog wideband, analog narrowband, and P25 Digital narrowband. The radio shall be frequency-synthesized, equipped with a tone encoder having a minimum of 32 selectable tones, and develop a minimum of 30 watts nominal output power. b. **Transceivers:** Set to operate in the narrowband mode unless local requirements dictate otherwise. All radios must have the ability to be programmed in the field by the radio operator without the aid of a computer or the services typically found in a radio shop. c. **All P25 digital radios:** Operating with current software as shown on the www.fs.fed.us/fire/niicd/Hotsheet/Hotsheet.html. Only exception is more up-to-date software versions as released by the manufacturer.	D.2.1.4	☐	☐
37	**VHF-FM P25 Handheld Radios:** Consisting of a minimum of two (2) VHF-FM handheld radio. 1. Each radio will have two (2) battery packs/clamshells. 2. Each radio will conform to the following requirements: a. **A P25 Digital VHF-FM two-way handheld radio:** provide selection of analog wideband, analog narrowband, and P25 Digital narrowband. The radio shall be frequency-synthesized, equipped tone selector having a minimum of 32 selectable tones. b. **Transceivers:** Set to operate in the narrowband mode unless local requirements dictate otherwise. c. **All P25 digital radios:** Operating with current software as shown on the www.fs.fed.us/fire/niicd/Hotsheet/Hotsheet.html. Only exception is more up-to-date software versions as released by the manufacturer.	D.2.1.4	☐	☐
38	**Base Station Antennas:** 1. **VHF-FM** – minimum three (3) Broadband antenna. 2. **VHF-AM** – minimum two (2) Broadband antenna. 3. **UHF** – minimum (2) Broadband antenna. 4. At least two (2) magnetic mounted antennas with an 8' (minimum) RF cable for both the VHF-FM and UHF-FM frequency bands are required. 5. Antennas may be mounted on masts or mounted directly to the unit. Antennas will be placed as far apart from each other as possible for frequency separation. Antennas may be detached from the unit for transport.	D.2.1.4	☐	☐
39	**RF Cables:** RF cable terminations will be accessible from both inside and outside the unit. 1. UHF cables shall be terminated with 'N' connectors. 2. In addition to the base station RF cables, there shall be an additional VHF cable from each work position to an outside jack box. 3. All cables shall be RG-213, RG-8, or better.	D.2.1.4	☐	☐
40	**Public Address System (PA):** 30 watts (minimum). Operated from the dispatch area, providing audio 360 degrees around external area	D.2.1.4	☐	☐
41	**Timer or other time tracking device:** (10 each)	D.2.1.4	☐	☐
42	**Digital Weather Station:** shall be able to measure wind speed, wind direction, and temperature, at a minimum.	D.2.1.4	☐	☐
43	**Computer Monitor:** A computer monitor 19" or larger, securely mounted to either an interior wall or surface area via a vertically and horizontally adjustable monitor arm.	D.2.1.4	☐	☐

	Telephone/Internet Service/Access			
44	**Telephone service/customer entrance panel:** One (1) each to accommodate a minimum of three (3) telephone lines within the unit.	D.2.1.5	☐	☐
45	**RJ-11 Phone Jacks:** minimum four (4) pre-wired and connected to RJ-66 block punch down.	D.2.1.5	☐	☐
46	**RJ-45 Wall Jack:** minimum four (4) pre-wired with CAT 5E cable.	D.2.1.5	☐	☐
47	**Telephone handsets:** Three (3) each, one near each workstation or work area.	D.2.1.5	☐	☐
48	**Satellite or High-Speed Internet:** includes Service Provider, capability to establish a minimum level of service for satellite internet access and is for government use only.	D.2.1.5	☐	☐
49	**Wireless LAN system (not wireless):** recommend 3 ports	D.2.1.5	☐	☐

☐ Equipment meets agreement specifications ☐ Equipment does not meet agreement specifications

Inspector: _____ Date: _____
Print *Sign*

Operator: _____ Date: _____
Print *Sign*

☐ Contractor given the opportunity to correct noted deficiencies **(*See Remarks)***

☐ Contactor successfully corrected noted deficiencies

Inspector: _____ Date: _____
Print *Sign*

REMARKS: *(Note in detail any deficiencies, pertinent information, comments, etc.)*