**28th Bomb Wing**

**Ellsworth Air Force Base, South Dakota**

**Air Show Date: 14-15 May 2022**

**21 December 2021**

**AIR BOSS – STATEMENT OF WORK (SOW)**

1. **SCOPE**: Due to the specialized nature of the duties performed by the Air Boss, a highly trained and proficient individual must be used. The individual will perform a pre-show briefing to all participants covering air operations and performer flight safety. The Air Boss will direct aircraft on the ground within open house (airshow) boundaries and waivered airspace (ATC may assist, pursuant to local arrangements). The Air Boss will also verify airspace waivered for non- air traffic control agency to take control. The Air Boss will also be briefed and signed off on base disaster response plans prior to the show.

2. **DESCRIPTION OF AIR BOSS SERVICES/REQUIREMENTS**

2.1. Using acts provided, produce an Air Demonstration schedule using time allotted for the show.

2.2. Provide direct control of the Air Demonstration performers within the confines of the set schedule.

2.3. Using acts provided, produce an Air Demonstration schedule using time allotted for show.

2.4. Provide direct control of the Air Demonstration performers within the confines of the set schedule.

2.5. Provide consultation services (via phone or electronic means) upon receipt of contract award through 15 May 2022.

2.6. Liaison with the FAA Representatives (FSDO) and Emergency Services personnel prior to, during and following the show. Must be an FAA Recognized Airboss - Multi-Venue (RAB-MV) at the time of the airshow activities. Must provide accredidation certificate in response to the RFQ.

2.7. Conduct the mandatory Air Demonstration briefing for all performers prior to each show/practice at a location provided by the Air Demonstration sponsor (US Government).

2.8. Conduct pre-show/practice briefing for incident/accidents with air show/base staff.

2.9. Conduct any pre-show/practice coordination with CFR, TRACON/tower, FAA IIC, and narrators.

2.10. Location. Service shall be performed at Ellsworth AFB, SD 57706

2.11. Open House. The Ellsworth Open House 2022 will start on 14 May 2022. Contractor shall arrive in advance, preferably on 11 May 2022, to help with local promotions, media support, and the arrival program, read and signed off on base disaster response plans prior to the show.

2.12. Must have experience with large Air Shows (50,000+) attendees.

2.13. Must be able to act as liaison with FAA representative and emergency personnel during Open House.

2.14. Must have experience conducting Complex Air Shows as defined in the Flight Standards Information Management System 8900.1 publication, Volume 5, Chapter 9, Section 6. As well as experience in controlling aerial demonstrations utilizing ground based and/or airborne pyrotechnics.

2.15. Must have experience conducting Remote Air Show operations as defined in the Flight Standards Information Management System 8900.1 publication, Volume 5, Chapter 9, Section 6.

2.16. Must work show airspace container, TFRs, NOTAMs and all other associated requests/waivers with the appropriate agencies. All applicable forms will be the responsibility of the Air Boss to ensure a safe and legal open house/demonstration.

2.17. Provide evidence of personal liability insurance of $1,000,000 held by the Air Boss.

2.18. Consult for two required Emergency Exercises prior to the event.

• Air Show MARE TTX (consult virtually/by electronic means)

• Full Scale Air Show MARE (consult in person)

2.19. Perform filing of 7711-2, associated attachments, and TFR paperwork as it relates to airshow activities.

2.20. Provide redundant VHF Equipment for use by the Airboss (minimum of 2 VHF Base Stations), and provide 1 UHF as VHF can serve as redundancy for UHF.

3. **AIR BOSS PRIMARY DUTIES**

3.1 Contractor shall perform Air Boss duties during the arrival and practice on Friday, 11 May, 2022. Additionally, Contractor agrees to perform Air Boss duties on 14-15 May 2022.

3.2. Contractor shall conduct an Air Demonstration safety briefing each day, 13-15 May 2022.

3.3. Contractor shall provide the safe and efficient control of scheduled Air Demonstration event activities and shall work closely with Air Traffic Control (ATC) arrivals, departures, and ground movements.

3.4. The contractor shall manage ground movements of taxing aircraft and vehicular traffic during Open House and shall work closely with the local Flight Standards District Office (FSDO) to ensure all regulatory requirements pertaining to air operations are met.

3.5. The contractor shall establish communication system with waiver holder, Airport Manager, FSDO, and ATC.

3.6. The Contractor shall work directly with his ATC liaison on stage to ensure flight safety and appropriate coordination with the Ellsworth AFB Tower facility when required.

3.7. During the time the Contractor is in control of the Ellsworth AFB airspace, he/she shall discuss and coordinate emergency procedures and Air Boss actions with the ATC facility that has airspace jurisdiction as required, and shall coordinate with crash/fire/rescue on emergency procedures.

4. **MATERIALS**

4.1. The following shall be provided by the Air Boss:

a. One (1) Air Boss and associated personnel to provide Air Traffic Control for the Ellsworth AFB Open House 2022.

4.2 The following shall be provided by the government:

a. **Lodging**. Number of rooms per request based on quote for duration of attendance quoted.

b. **Map**. A map of the Open House layout upon request.

c. **Location**. The contractor will be provided a specified location to conduct business.

d. **Courtesy Vehicle**. A car/golf cart will be provided by the Government as requested for the duration of the Open House.

5. **LOCATION**: This performance is to be accomplished at Ellsworth AFB, SD 57706.

6. **EMPLOYEES:** The contractor shall ensure all employees working on Ellsworth AFB possess proper identification and/or citizenship documentation. Under the Immigration and Nationality Act (INA), employers may hire only persons who may legally work in the United States (i.e. citizens and nationals of the U.S.) and aliens authorized to work it the U.S. The employer must verify the identity and employment eligibility of anyone to be hired (Ref: U.S. Department of Labor: http://www.dol.gov/compliance/guide/aw.htm#whowhich).

7. **CONFIDENTIALITY:** All terms and conditions set forth in this contract shall remain confidential between “Supplier” (contractor) and the “Sponsor” and its agents. The “Supplier” agrees to indemnify and hold harmless the United States Air Force, its invitees, heirs, and assigns from all liability and against any demands, actions or causes of action arising out of or relating to “Supplier’s” participation in the **Ellsworth AFB Open House 2022** including costs, expenses, and attorney’s fees associated with said actions or causes of action. “Supplier” has in effect a policy of insurance, including liability insurance, covering such events.

8. **CONTRACT CANCELLATION:** The Contracting Officer (in concert with the Ellsworth AFB Open House Director) is the Sole Authority to cancel the agreement. Cancellation of the agreement by the Contracting Officer due to weather, natural disaster, Force Protection issues, Health Protection issues, or military contingency will not constitute breach of contract or subject the Sponsor to any liability for damages, if cancelled before scheduled arrival date of Supplier.

**ANNOUNCER – STATEMENT OF WORK (SOW)**

1. **SCOPE:** Due to the specialized nature of the duties performed by the Announcer, a highly trained and proficient individual must be used. The Announcer will narrate the open house and keep the audience aware of ongoing and upcoming events, sponsorship recognition, activities, entertainment and concessions. The highest priority responsibility for the announcer is crowd control during a mishap or emergency. The Announcer must be thoroughly familiar with the mishap/emergency response plan, location of emergency exits, and able to assist appropriate agencies with crowd control in the event of an emergency.

2. **DESCRIPTION OF ANNOUNCER SERVICES**

2.1. Shall narrate the open house/Air Demonstrations and keeps the audience aware of ongoing and upcoming events, sponsorship recognition, activities, entertainment and concessions.

2.2. The highest priority responsibility for the announcer is crowd control during a mishap or emergency. The announcer shall be thoroughly familiar with the mishap/emergency response plan, location of emergency exits, and able to assist appropriate agencies with crowd control in the event of an emergency.

2.3. Location. Services shall be performed at Ellsworth AFB, SD 57706.

2.4. Open House. The Ellsworth AFB Open House 2022 will start on 14 May 2022. Contractor shall arrive in advance, preferably on 12 May 2022 to help with local promotions, media support, and the arrival program.

3. **ANNOUNCER REQUIREMENTS**

3.1. Must have experience with large Air Shows (50,000+) attendees.

3.2. Act as liaison with FAA representative and emergency personnel throughout the Ellsworth AFB Open House 13-15 May 2022.

3.3. Must have experience announcing Complex Air Shows as defined in the Flight Standards Information Management System 8900.1 publication, Volume 5, Chapter 9, Section 6.

4. **ANNOUNCER PRIMARY DUTIES**

4.1. Contractor shall perform Announcer duties relating to the narration of and narration management (to include act provided narrators and sound requirements) of all air show activities during the arrival and practice on Friday, 13 May, 2022 as well as during the Ellsworth AFB Open House on 14-15 May 2022.

4.2. Contractor shall be present at the Open House pre-show/practice briefing each day, 13-15 May.

4.3. Contractor shall work closely with the Air Boss to provide the safe and efficient control of scheduled Open House event activities and shall work closely with Air Traffic Control (ATC) arrivals, departures, and ground movements.

4.4. Contractor shall coordinate with emergency personnel, security forces, airfield management, and any other related entities in handling lost persons, incident response, or any other emergency situation during the Ellsworth AFB Open House, 13-15 May 2022.

5. **MATERIALS**

5.1. The following shall be provided by the Announcer:

a. Announcers and associated personnel shall provide quality Open House/Air Demonstration narration appropriate for a Top Tier Open House/Air Demonstration.

5.2. The following shall be provided by the Government:

a. **Lodging**. Number of rooms per request based on quote for duration of attendance quoted.

b. **Map**. A map of the Open House layout upon request.

c. **Location**. The contractor will be provided a specified location to conduct business.

d. **Courtesy Vehicle**. A car/golf cart will be provided by the Government as needed for the duration of the Open House.

6. **EMPLOYEES:** The contractor shall ensure all employees working on Ellsworth AFB possess proper identification and/or citizenship documentation. Under the Immigration and Nationality Act (INA), employers may hire only persons who may legally work in the United States (i.e., citizens and nationals of the U.S.) and aliens authorized to work in the U.S. The employer must verify the identity and employment eligibility of anyone to be hired (Ref: U.S. Department of Labor: http://www.dol.gov/compliance/guide/aw.htm#whowhich).

7. **CONFIDENTIALITY:** All terms and conditions set forth in this contract shall remain confidential between the “Supplier” and the “Sponsor” and its agents. The “Supplier” agrees to indemnify and hold harmless the United States Air Force, its invitees, heirs, and assigns from all liability and against any demands, actions or causes of action arising out of or relating to “Supplier’s” participation in the Ellsworth AFB Open House 2022 including costs, expenses, and attorney’s fees associated with said actions or causes of action. “Supplier” has in effect a policy of insurance, including liability insurance, covering such events.

8. **CONTRACT CANCELLATION:** The Contracting Officer (in concert with the Ellsworth AFB Open House Director) is the Sole Authority to cancel the agreement. Cancellation of the agreement by the Contracting Officer due to weather, natural disaster, Force Protection issues, Health Protection issues, or military contingency will not constitute breach of contract or subject the Sponsor to any liability for damages, if cancelled before scheduled arrival date of Supplier.

9. **SECURITY REQUIREMENTS:** All personnel employed by the contractor in the performance of this contract, or any representative of the contractor entering the government Installation shall abide by all security instructions and directives of Ellsworth AFB, SD.

**SOUND SYSTEM/TECHNICIAN – STATEMENT OF WORK (SOW)**

1. **SCOPE:** The contractor shall provide all functions of sound service for the Ellsworth AFB OPEN HOUSE 2022, to be held 13-15 May 2022 at Ellsworth AFB, SD. These services include, but are not limited to, supply, transport, setup/removal and storage of all required equipment. The equipment shall be sufficient to provide professional and adequate sound amplification and clarity to the show and VIP/ancillary seating areas as outlined in this SOW. Provided sound services shall be free of major distortion/echo and allow spectators to distinctly hear music, radio transmissions and speech from announcers/narrators. Provided services shall have capability to accommodate requirements of the Blue Angels, War Bird Teams, other aerial acts, and other media, as needed.

2. **DESCRIPTION OF SERVICES:**

2.1. The contractor shall provide all labor, tools, materials, and equipment necessary to provide services described above. The contractor shall:

a. Setup audio package that provides optimal coverage with no gaps of the area contained within the crowd fence line. Speakers should be placed at a reasonable height to prevent uncomfortable sound levels for people near the show line.

b. Provide coverage to VIP tents and grand stands with a capability to separately control sound volume. Speakers shall be positioned to provide comfortable (non-blaring) listening levels in those areas.

c. Provide necessary equipment such as a multi-channel mixer, long-range wireless microphones, CD players, and connections for iOS Devices, (iPhones, iPads, etc.), MP3, and other like devices. Provide any necessary cabling to include XLR cables, if required.

d. Provide equipment, cables and connectors necessary to connect cockpit and ATC radio traffic (as desired) directly into the sound system so it can be heard by spectators. Also, provide a press box for audio feeds to the press.

e. Provide Air Boss package that includes an ICOM dual band VHF/UHF base unit, professional push-to- talk switch, and a headset/mic. Provide capability for second audio output that allows another person to monitor radio transmissions, if requested. Provide capability to interface, as necessary, to the Air Boss’s equipment should he prefer to use his own radio equipment. Provide backup radio capability.

f. Provide communications trailer with a roof mounted observation deck and folding tables for use by Air Boss and/or announcers.

g. Deliver the main show equipment and have it set up, connected, tested, and operational on Thursday, 12 May 2022, no later than 2:00 PM MDT. The system must be fully functional for the practice on 13 May 2022 (time TBD). Contractor shall remain on site any time the system will be in use in case of audio mishaps.

3. **PUBLIC ADDRESS SYSTEM REQUIREMENTS**

3.1. Provide sound projection ideally suited for music and speech at loud but pleasing volumes.

3.2. Utilize a speaker system that provides a minimum of 1000 watts of D-Class audio power.

3.3. Have the capacity to place speakers at a reasonable distance and height in order to provide optimal coverage for the crowd fence line and the static aircraft display area with no gaps.

3.4. Be able to broadcast sound a minimum of 500 feet into the crowd and have the ability to modulate the sound down in areas requiring less volume (VIP tent, DV tent, grand stands, etc).

3.5. Have experience working with and the necessary equipment to accommodate the special needs of the USN Blue Angels and other military and civilian teams.

3.6. Have the necessary equipment to connect to the Air Boss for cockpit and air traffic audio.

3.7. Have well trained technicians experienced in Air Show sound who will work with the Open House Director, Air Boss, logistics manager, announcer, and performers in coordination of equipment set-up and Air Demonstration execution.

3.8. Have the ability to connect all cockpit radio traffic (as desired) directly into the sound system to be heard by the Open House audience.

3.9. Provide hook-up to broadcast VHF air-to-ground radio communication over the PA system.

3.10. Provide Audio console with dual CD, iOS Device (iPhones, iPads, etc.) connections, MP3, and like devices playback capability to allow music to be played over the system.

3.11. Provide a minimum of (2) two audio output connections to allow recording directly from the sound system via XLR, RCA, or ¼ inch feed.

3.12. Provide a minimum of (3) three wired and (3) three wireless microphones with stands (table top and/or full sized).

3.13. Provide an announcer stage or platform, height justifiable, a minimum of 8 feet wide, by 13 feet long, and 8 feet high for maximum visibility of aircraft flight line, ramp, and taxi way. The stage will be free of any obstructions that would hinder line of sight visibility in a 360 degree radius. The stage will have guard rails around the perimeter and steps with handrails for safety.

3.14. Provide necessary staff and sound technician to control the narration, music, and cockpit voice PA system interface and to set up, operate and tear down the equipment during the entire duration of the Open House and all performances.

3.15. Provide appropriate standalone quiet power generation equipment capable of handling the total power needs as described including backup generation equipment, as well as the fuel required to support the generator throughout the event. Generator noise shall not interfere with sound system components, the Air Boss/Open House coordinator stand, or distinguished visitor areas. Generators shall be placed to provide minimal impact to the Open House audience.

3.16. Provide all weather equipment in good operating condition at all times during the show and be consistent with standards and practices that are common to outdoor, public demonstration events.

3.17. Provide quiet portable generators (where generator sound would not detract from spectators observing the airshow) and any other required equipment necessary for the setup and operation of the provided sound system.

4. **CONTRACTOR QUALIFICATIONS:** Contractor shall employ a core of qualified personnel with previous experience in delivering professional sound at large air shows.

5. **MATERIALS**

5.1. The following shall be provided by the government:

a. **Lodging**. Number of rooms per request based on quote for duration of attendance quoted.

b. **Location**. The contractor will be provided a specified location to conduct business.

c. **Courtesy Vehicle**. A car/golf cart will be provided by the Government as needed for the duration of the Open House.

d. Tentative list of performers NLT 13 April 2022.

6. **EMPLOYEES**: The contractor shall ensure all employees working on Ellsworth AFB possess proper identification and/or citizenship documentation. Under the Immigration and Nationality Act (INA), employers may hire only persons who may legally work in the United States (i.e., citizens and nationals of the U.S.) and aliens authorized to work in the U.S. The employer must verify identity and employment eligibility of anyone to be hired (Ref: U.S. Department of Labor: http://www.dol.gov/compliance/guide/aw.htm#whowhich).

7. **CONFIDENTIALITY:** The Contractor agrees to indemnify and hold harmless the United States Air Force, its invitees, heirs, and assigns from all liability and against any demands, actions or causes of action arising out of or relating to “Contractor’s” participation in the JBSA Open House 2022 including costs, expenses, and attorney’s fees associated with said actions or causes of action. The Contractor shall have in effect a policy of insurance, including liability insurance, covering such events.

8. **CONTRACT CANCELLATION:** The Contracting Officer (in concert with the JBSA Open House Director) is the Sole Authority to cancel the agreement. Cancellation of the agreement by the Contracting Officer due to weather, natural disaster, Force Protection issues, Health Protection issues, or military contingency will not constitute breach of contract or subject the 502d ABW or its representatives to any liability for damages, if cancelled before scheduled arrival date of the Contractor.

9. **SECURITY REQUIREMENTS:** The contractor shall be responsible for safeguarding all shared assets provided in support of this contract. Non-consumable shared assets shall be promptly returned at the end of the contract performance period.