

**MID-ENDURANCE UNMANNED AIRCRAFT SYSTEM (MEUAS) 1.5
PERFORMANCE WORK STATEMENT**

24 January 2013

USSOCOM/PEO-FW/UAS

(b)(3) (10 U.S.C. § 130b), (b)(6)

Richard Byrd, Contracting Officer

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1. Scope: The purpose of this contract is to provide Intelligence, Surveillance, and Reconnaissance (ISR) services meeting Special Operations Forces (SOF) requirements. The Mid-Endurance Unmanned Aircraft System (MEUAS) 1.5 operations and support effort is non-developmental to provide the capability to gather persistent ISR data from world-wide locations (b)(4) through a contractor-owned and contractor-operated (COCO) Unmanned Aircraft System (UAS) providing a total turn-key organic infrastructure. The purpose of this requirement is to fulfill MEUAS 1.5 operations and support requirements for Special Operations Forces (SOF) to provide Intelligence, Surveillance, and Reconnaissance (ISR) services. The MEUAS 1.5 operations and support effort is non-developmental to provide the capability to gather persistent ISR data from world-wide locations (b)(4) through a contractor-owned and contractor-operated (COCO) Unmanned Aircraft Systems (UAS). This Performance Work Statement (PWS) details United States Special Operations Command (USSOCOM) requirements for world-wide, 24 hours per day, seven days per week (24/7), ISR services. The contractor shall provide qualified personnel to perform all operational, engineering, and sustainment efforts necessary to effectively execute pre-deployment. Deployment operations, post-deployment, and engineering support activities. The contractor shall utilize a UAS that provides persistent ISR capability from designated locations in support of USSOCOM's various missions in direct support of Overseas Contingency Operations (OCO). Deployment operations will be conducted solely with COCO UAS equipment.

2. Applicable Documents:

2.1. U.S. Army Regulation 710-2, Supply Policy Below the National Level, 28 March 2008

3. Requirements: The contractor shall provide a total turn-key organic infrastructure (system) to provide this capability worldwide including, but not limited to, ISR capabilities, personnel resources, travel to and from deployment sites, shelters, equipment, spares, air vehicle fuel, electric power, contract and management systems, and facilities to successfully meet, plan, organize, staff, direct, and control the services requirements specified herein. The contractor shall establish, operate, and maintain its MEUAS 1.5 capability within the deployment Area of Operations (AOR) to fulfill the MEUAS 1.5 ISR requirement from a minimum of 300 flying hours up to 900 flying hours of contracted monthly ISR services as ordered by individual task orders. The contractor will also (b)(4) (b)(4) as implemented at the task order level. The contractor shall provide incidental engineering support as negotiated by individual task order. Engineering support includes future requirements for system enhancements, alternative/additional payloads, additional systems testing, payload integration, safety certifications, performance upgrade, and systems engineering. Contractor shall provide operation, maintenance, and management capabilities for each operational deployment location task order(s) under the contract to ensure that the minimum specifications outlined in this PWS are satisfied. This PWS is meant as an overview of basic scope of the requirements. Details will be provided for each individual requirement either via a task order for specific firm-fixed-price services or via a request for task order proposal as addressed in Section H of this contract, Task Order Procedures. Minimum requirements for services shall include:

3.1. Pre-Deployment Requirements:

3.1.1. The contractor shall deploy all the resources necessary to support the PWS deployment operation requirements within 90 to 120 days of task order issuance.

3.1.2. Prior to deployment, the contractor shall ensure deploying personnel have met the requirements necessary to accompany U.S. Armed Forces. Contractor personnel shall complete the basic training required for deploying outside of the United States using a web based courseware system. This training will familiarize contractor personnel with the laws of war, theater specific military procedures, and the tactics, techniques, and procedures required by the Government. Contractor personnel identification, training, and deployment travel schedules shall be documented using the Personnel Rotation Schedule (CDRL A005).

3.1.3. The contractor shall perform site surveys at ordered deployment locations to assess the adequacy of infrastructure to support ISR operations. The contractor shall recommend deletions to the designated Contracting Officer Representative (COR) of its Contractor Furnished Equipment (CFE) that the site survey identifies as available from the existing infrastructure and shall ensure equipment needs, proposed location, and shipping protocols are satisfactory to support the deployment and operations. The contractor shall identify price reductions to pre-deployment associated with its revised recommended equipment. The deployment location site survey findings shall be documented and provided as a Deployment Site Survey Report (CDRL A003).

3.1.4. The contractor shall develop with the COR and Government Site Representative (GSR) a site specific Standard Operating Procedure (SOP) (CDRL A001) prior to activation of the site. The SOP will serve as a living document outlining daily operations procedures, flight planning resources, frequency coordination and deconfliction procedures, key personnel, responsibilities, Field Support Representative (FSR) operator proficiency training, contact information, and other related information to assist mission accomplishment at the specific operating location.

3.1.5. The contractor shall have Continental United States (CONUS) based personnel qualified in the use of the Synchronized Predeployment & Operational Tracker (SPOT) System and shall provide all documentary evidence for input of contractor personnel into SPOT with the Government designated sponsor a minimum of fifteen days prior to the individuals planned deployment departure date.

3.1.6. The contractor shall have organic personnel qualified to prepare all equipment (e.g., systems, shelters, equipment and spare parts required), to include export/import licenses, and hazardous material certifications for shipment on commercial or military transportation systems. The Government Ute Cycle Sustainment Manager will provide transportation coordination. The contractor shall retain title to all CFE. For CFE and spares managed by the contractor over six months in length at deployed locations, and high dollars items, the contractor shall submit inventory data for contractor equipment to be inventoried and accounted for under USSOCOM Property Book procedures In Accordance With (IAW) Army Regulation 710-2, Supply Policy Below the National Level.

3.1.7. Contractor operators shall develop and maintain qualifications and proficiency

levels of the system operators. Contractor qualification and proficiency records shall be made available for Government review upon request.

3.1.8. The contractor shall equip deployed personnel with ballistic protective gear for the assigned deployment AOR, if required.

3.1.9. The contractor shall be responsible for system set-up and checkout at the operational site. Pre-deployment will be complete upon acceptance of the delivery of the final SOP (CDRL A001) and final checkout by the GSR.

3.2. ISR Services (Deployment Operations) Requirements:

3.2.1. The contractor shall operate, maintain, and manage all ISR services deployment operations activities necessary to meet PWS Threshold requirements as ordered. The contractor shall provide (b)(4)

(b)(4) The contractor shall establish the Site Assessment Program (SAP) to provide overarching operations inspections and evaluation processes to standardize flight and maintenance procedures while improving performance.

3.2.2. The contractor shall provide a MEUAS 1.5 with the capability to launch, control, and recover as well as provide the required ISR services. The contractor shall provide sufficient operational personnel to launch, recover, and maintain the Air Vehicles (AVs) from austere, unimproved locations.

3.2.3. The system shall be capable of injecting near real-time UAS Full Motion Video (FMV) into host unit's Processing, Exploitation and Dissemination (PED) system(s). Contractor shall have no rights to use the video imagery without the express written permission from the Government.

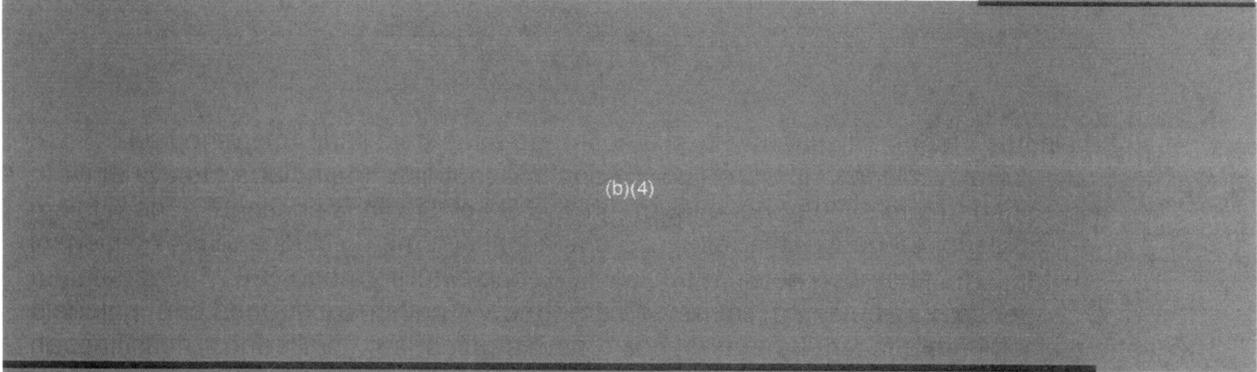
3.2.4. The AVs shall be available for flight operations 24 hours a day and capable of supporting a flight window from 10 to 24 hours per day, 7 days per week, from a minimum of 300 hours up to a maximum of 900 hours flying time per month. Up to two (2) AVs may be airborne simultaneously, up to 24 hours a day, up to the task order defined monthly flying hours, not to exceed 900 total flying hours per month for all AVs. Each task order will identify the flight hour requirements by month. Flight hour accumulation shall begin at successful launch and end at termination of the flight, e.g., landing or recovery. The daily flight operations schedule will be provided by the GSR to the Site Mission Coordinator (MC) one day in advance. Response time from receipt of a launch request for a non-scheduled mission to AV launch shall be no longer than 30 minutes, weather conditions permitting, when the site is operational and in an active status.

3.2.5. The contractor shall support surge requirements not to exceed 4% of the maximum hours/month at no increase in price when directed by the COR to meet compelling mission requirements. Any surges above 4% per month shall be approved by the Procuring Contracting Officer (PCO) by issuance of a contract modification using the applicable price from Section B of the contract.

3.2.6. Each operational deployment shall consist of the number and type of ground control station (GCS) computers and communications equipment in addition to AVs, specialized equipment, and spare parts sufficient to support the task order required flight hours.

3.2.7. The contractor shall staff each operational deployment with a team sufficient to provide system equipment maintenance and AV operator functions. System maintenance functions shall include servicing, repairs, preventive maintenance, and inspection actions, plus communications and computer system operations and maintenance. UAS operator functions shall include mission coordination, flight planning, and control; managing AV airborne operations, to include airspace deconfliction; controlling / managing airborne sensor operations; and the injection and transmission of the FMV product into the end-users system.

3.2.8. Each site shall have the ability to conduct hand-off operations to a remote GCS, operated by the contractor, to maximize the (b)(4) AV capability. The contractor shall provide the capability to emplace a remote GCS aboard a maritime platform if after completion of a Maritime Site Survey the contractor has determined the proposed maritime platform is suitable to support the operation of a remote GCS. If (b)(4) related to performance under this contract is required, it will be identified in the task order requirements document and implemented at the individual task level. The contractor shall provide the equipment required



The government will provide the other Government Responsibilities as specified in section (6) six of this PWS.

3.2.9. The contractor shall be responsible for providing a Monthly Report to the Government for each operational deployment after arrival in theatre (CDRL A002). The report shall include monthly flight hours utilized, sorties flown, status of equipment, a brief description of any incidents and mishaps, and any lessons learned and describe overall achievements at each site in one consolidated report. The report shall be provided in Microsoft Office 2007 compatible format. Additionally, the contractor shall report to the GSR on a daily basis maintenance and operational status for each task order site.

3.3. Post-deployment:

3.3.1. Upon completion of the ISR task order, including any extensions or follow-on orders, the contractor shall disassemble and prepare for shipment all contractor-owned and operated systems, equipment and spares and return any issued Government Furnished Equipment (GFE) to the Government.

4. MEUAS 1.5 ISR Requirements:

4.1. Air Vehicle:

4.1.1 Each AV shall be capable of accurately adapting to dynamic, in-flight re-tasking instructions. On command from the GCS, the AV must have the capability to automatically enter into an orbit above an objective which is within the center of the payload sensor display. The AV must possess autonomous loss of link (LOL) behaviors to include loiter for a predetermined length of time in the event of a data link loss. If the data link cannot be reacquired, the AV is expected to execute preprogrammed instructions resulting in a recovery at a pre-determined end point. The AV shall also be capable of executing a flight termination option at the operator's discretion. 4.1.2. Each AV shall have an effective operational radius of at least 50 NM Line of Sight (LOS), dependent on terrain. The AVs shall be capable of transmission of sensor/imagery data to the GCS [REDACTED] (b)(4), (b)(7)(E)

4.1.3. At a steady-state cruise power setting, the aircraft shall provide "useful" imagery at an altitude and slant range such that it remains acoustically non-detectable per MIL-STD-1474D, Level 1, Requirement 2 conditions (quiet rural area with the closest heavily used highway and community noises at least 2.5 miles away). [REDACTED] (b)(7)(E)

[REDACTED] (b)(7)(E)

4.1.4. The AV payload bay shall have an open interface control architecture with standard physical and electrical interfaces to simplify maintenance and the integration of additional modular payloads.

4.1.5. The contractor shall operate Government provided payloads to support ISR services when sufficient documentation and information has been provided or is developed to ensure agreement on the airworthiness of the payload to be flown.

4.1.6. The AV shall be capable of launch and recovery from austere, unimproved locations which have no runway.

4.1.7. The AV shall provide a minimum flight endurance of [REDACTED] (b)(4) (with MWIR) and [REDACTED] (b)(4) (with EO payload).

4.1.8. The AV shall be capable of routine flight from locations ranging from 0 feet Mean Sea Level (MSL) up to 10,000 feet MSL.

4.1.9. The AV shall possess a service ceiling of [REDACTED] (b)(4)

4.1.10. Each AV shall provide a real-time video and metadata downlink signal compatible with the Rover IV, Rover V, Rover VI, One System Remote Video Terminal (OSRVT) and the Situational Awareness Video Receiver (SAVR) systems.

4.1.11. Each AV shall have a non-reflective matte finish and color that minimizes its visual signature to ground observers under normal atmospheric conditions.

4.1.12. The AV shall be capable of take-off, flight operations and recovery in temperatures between -20F to +120F degrees, up to 95% relative humidity, and rainfall rates up to 0.25 in/hour.

4.1.13. The AV shall have a Mode 3/C transponder with identification "IDENT" capability controlled by the GCS.

4.2. Payload:

4.2.1. Each AV shall have an inertially stabilized payload turret allowing for the FMV sensor(s) to be focused on a particular coordinate, object, or target for extended periods of time sufficient to track a target as long as it remains in an area of interest.

4.2.2. Each AV shall be capable of tracking stationary or moving targets of interest using automated video-based motion tracker algorithms.

4.2.3. FMV payload configurations shall include a daylight EO capability and a (b)(4) A simultaneous EO/IR capability is an Objective.

4.2.4. The FMV turret shall provide a continuous 360 degree field of view in azimuth and +10 to -120 degree field of view in elevation.

4.2.5. The GCS operator shall be able to automatically and rapidly slew the FMV turret to point at a specified geo-coordinate.

4.2.6. The end-to-end target location accuracy of the FMV metadata shall be within 6 meters with an 95% Circular Error Probability (CEP). The target location error shall be calculated **assuming flight at** (b)(4) at a slant angle of 45 degrees.

4.2.7. The Government has an Objective for additional FMV sensor features to include a (b)(4) (b)(4) (b)(4)

4.2.8. The contractor will provide improved EO capable payloads to be operational in a phased approach, as implemented at individual task order level. Each AV with the improved EO payload will possess the following capabilities:

4.2.8.1. (b)(4)

4.2.8.2. A zoom capability of (b)(4) or greater.

4.2.8.3. A fully stabilized image that allows (b)(4)

4.2.8.4. (b)(4) capability.

4.2.9. The contractor will provide (b)(4) to be operational in a phased approach, as implemented at the task order level. (b)(4)

4.2.10. The Government desires the capability to integrate (b)(4)

and internal volumes to support simultaneous operation of an EO/IR payload. The Government has an Objective to upgrade/modify the UAS data links, GCS, and

remote GCS to ensure interoperability with future SOF command, control, communications, computers, and intelligence (C4I) architecture. If integration of future payloads related to performance under this contract is required, they will be negotiated at the contract level and implemented on a per task order basis.

4.3. Ground Control Station (GCS):

4.3.1. Each GCS shall be capable of controlling the type of vehicles necessary to satisfy the requirements of the specified task order. The site GCS shall be able to control no fewer than two (2) AVs simultaneously and the remote GCS shall be able to control at least one (1) AV. Flight and sensor control systems shall be capable of re-tasking AVs and controlling AV sensors as necessary to effectively respond to imagery requests in addition to persistent surveillance requirements.

4.3.2. The Government has the objective that the GCS support loading of NSA provided AES-256 keys via manual text entry and automated loading from ASCII text file.

4.3.3. The GCS shall provide the capability to output near real-time National Television Steering Committee (NTSC) analog video via RS-170 Bayonet Neill-Concelman (BNC) connector.

4.3.4. The GCS shall be capable of recording up to 10 days of full quality digital FMV with associated meta-data with 28 days of storage capacity.

4.3.5. The GCS shall be capable of (b)(4)

(b)(4)

real-time sharing of mission video when connected to a tactical network.

4.3.6. The GCS shall provide the organic capability to inject digital FMV and Metadata

(b)(4)

4.3.7. Recorded still images and FMV frames shall maintain frame by frame association with metadata including air vehicle location, center field of view location, target range, slant angle, and timestamp. Metadata shall not be permanently burned into the pixels of still or recorded FMV files.

4.3.8. The contractor shall store all video and data recordings from each mission within the GCS on the hard drive and have the capability to record mission video to a Digital Versatile Disc (DVD) disk. The video recorded from each mission shall be stored for up to one week and then consolidated on DVD disk(s) and provided weekly to the GSR. At such time as the contractor transfers the data from the GCS, the Government shall assume storage responsibility. All GCS hard drives shall be rapidly removable without tools by the operator. All imagery recordings shall be deemed U.S. Government property and shall not be used and/or released without the express written Government consent.

4.3.9. Video clips shall be easily and quickly exportable into industry standard format playable by Windows Media Player on any standard computer or laptop without the need for proprietary video playback software.

4.3.10. The GCS and AV networks shall operate at the unclassified level.

4.3.11. Each GCS shall be capable of being set-up and operational (b)(4)
(b)(4) Additionally, a functioning GCS in forward
operating locations shall be able to be disassembled and stowed for transportation
(b)(4)

4.4. Performance:

4.4.1. Contractor personnel shall operate and maintain the system to ensure maximum availability during operational periods. The contractor will be provided operational direction from the GSR and shall be available 24/7 for the duration of deployment operations.

4.4.2. Prior to each flight mission, the contractor Site Mission Coordinators (MC) shall coordinate with local authorities on any schedule changes and airspace limits for system operation. The contractor shall ensure flight missions comply with applicable airspace restrictions. Loss of link procedures, loss of Global Positioning System (GPS) (navigation) procedures, and any parameter deemed necessary for the safety of personnel, the safe operation of the AV, and safety of other aircraft that may operate in close proximity to the AV shall be planned, incorporated and briefed by the flight crew prior to each mission. The lost communications procedures shall include a lost communications flight plan that could result in a recovery at a designated safe location in the event communication is not re-established.

4.4.3. The contractor shall provide space for at least one military intelligence analyst per GCS within the operational deployment contractor space.

4.4.4. Contractor shall notify and obtain approval from the COR prior to shipping items using commercial sources. If prior approval is not received, the contractor shall ship items at its own expense without reimbursement by the Government. Package and mark in accordance with best commercial practices.

4.4.5. The Contractor shall have all CFE inventoried and accounted for.

4.4.6. The contractor shall supply all fuel in sufficient quantity to maintain operation of the AV. Petroleum and oil products necessary for support equipment will be provided by the Government.

4.4.7. Upon completion of the Site Survey, the Contractor and the Government will negotiate the electrical power required to perform to the PWS. These requirements will be based on what is most advantages to the Government and the End Users. For the purposes of this PWS the power requirement will be inserted into the Contractors proposal and then removed if not required.

4.4.8. The contractor shall provide tactical and aeronautical maps/charts and Digital Terrain Elevation Data (DTED) data as required for mission accomplishment and identified during the pre-deployment site survey. The contractor may request Government assistance in access to the National Geospatial-Intelligence Agency (NGA) website.

4.4.9. The contractor shall deliver AV payload and GCS interface control documents with Government purpose rights providing all electrical, mechanical, software, electro-

magnetic interference (EMI), and environment interface requirements for integration of GFE payloads into the AV and GFE controllers into the GCS. (CDRL A007)

4.5. Logistical Footprint:

4.5.1. The contractor shall provide an MEUAS 1.5 that requires a minimal logistical footprint size. Each operational site shall be self-supporting and consist of the number and type of self-contained, environmentally controlled shelters needed to house and maintain the system to include the ground station computers, power and communications equipment, ancillary items, spare parts, and any required peculiar maintenance support tools. Each operational site will provide sufficient computers, communications equipment, and architecture to receive, process, and store ISR product. The initial system shipment configuration shall be based on operating for 60 days without resupply in order to provide sufficient spare parts to support the task ordered monthly flight hour level of operations.

4.5.2. Each operational site transport configuration shall be 463L pallet compatible and C-130 transportable.

4.6. Spares Management: The contractor shall provide inventory management to ensure sufficient equipment spares levels are maintained for contractor provided equipment throughout the duration of each task order such that surveillance operations will not be interrupted in the event of a component failure within the system. For inventory management the contractor shall be responsible to obtain through manufacture or purchase and prepare for shipping to deployment sites spare replacement parts. The contractor is responsible for ensuring 90 days of stock level of warehouse spares and 60 days of stock level of spares at deployment sites to permit continued operations in the event of a failure/malfunction of the originally designated equipment.

5. Contractor Personnel:

5.1. The contractor's employees shall observe and comply with all rules and regulations applicable to contract personnel, including those applicable to the safe operation of vehicles, personnel safety, and equipment, and shall not be present in locations not required for proper performance of the contract.

5.2. The contractor's designated deployment location Site Lead is responsible for the contractor personnel and equipment to accomplish the mission as directed by the GSR. All contractor team concerns and issues associated with the deployed location MEUAS 1.5 operations are within the Site Lead's administrative oversight. The Site Lead will maintain a close daily working relationship with the GSR. The contractor Site Lead and GSR are expected to work together to resolve deployment site operations issues in a timely and professional manner.

5.3. The Mission Coordinator (MC) position is responsible for oversight of all flight activities at the deployment site location. The MC will examine all relevant mission factors and environmental conditions prior to issuing a go/no-go decision for each MEUAS 1.5 flight mission.

5.4. The contractor shall provide sufficient personnel to maintain performance requirements with adequate senior personnel to maintain 24/7 position of the MC. The Contractor Site Lead and MC's shall have the authority to act on behalf of the

contractor in all matters relating to the performance of this contract. The MC's shall perform the following duties and responsibilities at each site:

5.4.1. Mission Coordinator Duties and Responsibilities Include:

- Mission pre-briefings (mission packet completions)
- Reviewing weather forecasts/Notices to Airmen (NOTAMS)/ Special Instructions (SPINS)/airspace availability
- Reviewing/updating local Air Traffic Control (ATC) cards as necessary
- Complete airspace control planning and mission logs
- Ensuring completion of mission briefing worksheet, mission risk assessments, and crew briefings
- Prior to launch (approximately 30 minutes prior) ensure airspace requests and coordination with local ATC are accomplished
- Coordinate/inform launch crews on any updates to mission/equipment status
- Monitor missions and events – system status/video quality/supporting customer's requirements, airspace, actual weather conditions and forecast weather updates, all available communications methods to include computer networks and Microsoft (MS) Outlook e-mail accounts
- Prior to recovery - assess actual weather and airfield traffic conditions
- Inform local ATC when Returning To Base (RTB) and provide estimated arrival time
- After recovery- inform local ATC with Safe on Deck (SOD) or similar call
- Note landing time on mission log with system maintenance status
- Save log data
- If last flight of day - print mission logs
- Ensure mission reports are completed as required: Situation Report/Personnel Status/Maintenance Status (SITREP/PERSTAT/MAINT)
- Provide overall general mission direction, monitoring, and coordination between the operations and the supported units representatives.
- Ensure all airspace (terminal, enroute, and target) has been approved by local ATC for the AV to operate.
- Continuously maintain listening/visual watch of airspace status via radio (local ATC) and/or computer networks to ensure the AV is located in authorized airspace.
- Keep a running log of mission events.
- Monitor hours of collection flown, any safety problems, responses to special requests, supply status, personnel status, etc.
- Liaise directly with the using unit to ensure the AV operation supports its needs and intent.
- Communicate with the ISR battle captain to ensure the ISR synch matrix is updated, ISR mission weather forecast is updated, and PERSTAT reports are accurate/updated. Prepare other reports as required.
- Keep the GSR informed of overall general status and any problems/issues which may affect mission accomplishment.
- Ensure the battle book(s) (one at operations center, one separate at launch/recovery site) have **CURRENT** list of points of contact, e-mail addresses, telephone numbers, etc. Update NOTAM information daily.
- Be the key point of contact during UAS emergencies. Allow the operators to

respond as they are trained, advise the chain of command of problems when they occur, and respond to the situation as required. Keep local ATC and Multiple Internet Relay Chat (miRC) participants informed (nature of emergency – navigation problems, engine issues, lost link, etc.). Be prepared to provide written/oral reports of events and what happened. Utilize and maintain a continuity training plan for newly assigned team members.

- 5.5. Contractor personnel must be able to fluently read, write, speak, and understand the English language.
- 5.6. The contractor shall provide supervision for task order assigned employee personnel.
- 5.7. The contractor shall employ professional and technically qualified personnel to perform the tasks outlined herein. The contractor must provide qualified personnel, organization, and administrative controls necessary to provide services. The Government has the right to request and review personnel training records and certifications.
- 5.8. Contractor shall provide a rotation schedule with the identification of deploying personnel and their replacements to ensure timely training, issuance of required letters of authorization (LoAs), Common Access Card (CAC) credentials and travel arrangements (CDRL A005).
- 5.9. Contractor personnel operating under this contact must be U.S. citizens and, as a minimum, possess a Secret security clearance prior to being deployed.
- 5.10. Contractor shall ensure personnel utilize Government provided messing facility or provide meals to personnel.
- 5.11. Contractor shall possess software tools capable of stripping absolute GPS coordinates from system log files to allow for mishap diagnostics by engineering personnel not possessing security clearances or the need-to-know regarding deployed locations. Contractor shall not transmit system log files containing absolute GPS coordinates off site without explicit permission from the GSR.
- 5.12. The contractor shall ensure each MEUAS 1.5 site receives timely system safety related alerts, data, bulletins, and mishap/safety investigation reports for incidents across the system fleet to prevent future potential problems/mishaps. (CDRL A006)
- 5.13. Contractor shall provide proficiency training as described in its SOP (CDRL A001), with emphasis on the processes used by the operators and the functional features provided from the operational equipment utilized by the contractor, to Government personnel as necessary and as the operational environment permits.
- 5.14. The contractor shall return any GFE equipment within 30 days of the end of deployment. The equipment will be returned to the same location as originally issued unless otherwise authorized by the COR/GSR after removal of any installed contractor owned equipment (hardware and software).
- 5.15. The contractor is not required to arm its deployed task order personnel.
- 5.16. The contractor shall maintain personnel on location sufficient to meet obligations

under this contract unless the Combatant Commander orders a mandatory evacuation of some or all personnel. In the event of a mandatory evacuation, the MC shall notify the contractor of the Combatant Commander's decision and the Government shall provide assistance, to the extent available, to relocate Contractor personnel to a safe area or evacuate them from the danger area. The MC will attempt to identify an evacuation site that could provide continual operational ISR support. The Contractor reserves the right to withdraw personnel when the assessment by the in country crisis management coordinator, in coordination with the Government, warrant evacuation necessary to protect the well being of the Contractor's field service representatives.

6. Government Responsibilities:

- 6.1. The Government will provide Force Protection (FP) measures consistent with those being afforded Government personnel working alongside Contractor employees as well as billeting, messing, and other support to the contractor at the deployed site location as identified in Section H of the contract.
- 6.2. The Government will transport CFE from contractor's facility to the deployed site location. Contractor or equipment movement shall not be permitted without prior Government authorization. Upon completion of the contractor services, the Government will provide return transport for contractor furnished equipment from the deployed site location to the contractor's facility.
- 6.3. The Government will provide all applicable instructions, regulations, and excerpts as guidance for each site's operation.
- 6.4. The Government will assist the contractor with acquiring personnel passes, identification cards, and vehicle permits required in the performance of this contract in accordance with the contractor provided Personnel Deployment Rotation Schedule (CDRL A005) and contractor input from the pre-deployment site survey.
- 6.5. The Government will provide contractor personnel with deployment in-processing briefings to ensure understanding of and integration into the operational environment.
- 6.6. The Government will provide transportation within the operating area to assist in the initial equipment setup and if a relocation of the operational deployment is required.
- 6.7. Government may provide contractor with GFE as requested after the site survey(s) and any associated spare parts for the GFE.
- 6.8. The Government may provide hardware/software for injecting mission video from operational deployments onto a classified network.
- 6.9. The Government may provide access to the internet as much as feasible for contractor software support and upgrades for operational support as available to include e-mail connectivity and access to the contractor's portal. Telemetry files for any AV involved in an operational incident/mishap shall be transmitted to the contractor by the most expedient method possible for expedited diagnosis of the flight data to determine causation and potential remedy.
- 6.10. The Government will provide contact information to assist the contractor to facilitate

air space integration, mission coordination, and deconfliction.

6.11. The Government may provide a Non-Classified Internet Protocol Router Network (NIPRNET) and Voice Over Internet Protocol (VOIP) data connection to CONUS to meet data communications requirement of the contractor, based on available capability of the local government system and IAW security considerations/restraints of the Government.

6.12. The Government will provide tactical radios and wire line handsets as required to integrate the site into the command post architecture.

7. Government Quality Assurance (QA): Each phase of the services performed under this contract is subject to Government inspection during the contractor's operations and after completion of tasks. The Government's quality assurance surveillance program is not a substitute for quality control by the contractor. The Government reserves the right to choose inspection methods utilized during the work, without notice to the contractor.

8. Quality Control: The contractor shall establish a Quality Control Plan encompassing all activities required by this contract to ensure personnel, products, services, hardware and support meet the requirements of this PWS. The Quality Control Plan (CDRL A004) shall be submitted to the Contracting Officer within ninety days of contract award. The contractor shall implement the approved Quality Control Plan within 14 days of Government's approval. The contractor shall provide the PCO an updated copy of the Quality Control Plan as changes occur for approval. At a minimum, the Quality Control Plan shall include the following:

8.1. An inspection system covering all services required by this contract. The inspection system shall specify the areas to be inspected, inspection basis, methods, intervals, scheduled and/or unscheduled sequencing and the titles of the individuals responsible to perform the quality inspections. The individuals inspecting for quality control shall not be involved in the day-to-day operations.

8.2. Performance monitoring methods shall be implemented to identify performance trends in order to correct any deficiencies in services before the level of performance fails to meet the requirements of this PWS.

8.3. Quality review methods and documentation processes shall be developed to ensure compliance with PWS requirements.

8.4. Performance requirement for payment: Failure to meet the required service levels of the contract will result in adjustments to the monthly payments as follows: Monthly payments will be reduced on a per hour pro-rata basis for each planned flight hour the contractor was unable to provide service due to personnel or equipment non-availability and for each hour of ISR video that failed to meet the contract quality requirements.

9. Security

9.1. Security will be in accordance with the DD Form 254 Contract Security Classification Specification (RFP Section J, Attachment 3). Select personnel as defined by task order will require a Top Secret (TS) clearance with Sensitive Compartmentalized Information (SCI) eligibility; all others require a minimum of a Secret clearance.

Contractor may require access to SCI and Focal Point material for this effort. Contractor personnel will require access to NIPRNET/Secret Internet Protocol Router Network (SIPRNET) computer systems only at Government facilities.

9.2. The contractor shall ensure requirements are fulfilled for safeguarding classified information and classified materials, obtaining and verifying personnel security clearances, verifying security clearances and indoctrination of visitors, controlling access to restricted areas, protecting Government property, and for the security of automated and non-automated management systems and data. The contractor's management system shall prevent the unauthorized disclosure of classified and sensitive unclassified information. The Government shall be immediately notified if any security incident or indication of a potential unauthorized disclosure or compromise of classified or sensitive unclassified information occurs.

9.3. The contractor shall provide security management support. Efforts will include, but are not limited to, performing classified document control functions, classified materials inventories, program access requests, preparing and monitoring personnel indoctrination and debriefing agreements, and maintaining and using security-related databases.

10. Key Performance Metrics and Methods of Surveillance

The key performance metrics are identified in the following table along with the applicable method of surveillance:

Performance Activity	PWS Para.	Performance Metrics	Method of Surveillance
Qualified Contractor Personnel are Identified and Designated in SPOT	3.1.5	Contractor personnel deployment requirements completed and submitted fifteen days prior to scheduled deployment date	COR involvement in SPOT authorization processes
MEUAS 1.5 ISR Services Capability	3.1.1 and 3.2.2	Capable to launch, control, and recover MEUAS 1.5 and provide ISR services for the user 24/7	GSR involvement in daily operations; GSR to notify COR of failure to meet threshold
Sufficient Contractor Site Team	3.2.2	Contractor personnel available for conducting required task order flight hours	GSR involvement in daily operations; GSR to notify COR of failure to meet threshold
AV Video Stream Capability	3.2.3	System capable of injecting near real-time UAS imagery into host unit's Processing, Exploitation and Dissemination (PED) system(s) to support task order flight hours	GSR involvement in daily operations; GSR to notify COR of failure to meet threshold
MEUAS 1.5 ISR Services Availability	3.2.4	AVs available 24/7 to support task order flight hours	GSR involvement in daily operations; GSR to notify COR of failure to meet threshold
Launch AV Quickly	3.2.4	Ability to launch AV (b)(4) of request for non-scheduled missions	GSR involvement in daily operations;

Performance Activity	PWS Para.	Performance Metrics	Method of Surveillance
			GSR to notify COR of failure to meet threshold
AV Capability	4.1	CFE provided AVs are suitable to perform required missions	GSR involvement In daily operations; GSR to notify COR of failure to meet threshold
Provide Day/Night, High Quality Imagery	4.1.7	Video user can classify/recognize <div style="background-color: black; color: white; text-align: center; padding: 2px;">(b)(7)(E), (b)(7)(F)</div> day and night, from operational altitude/slant range	GSR involvement in daily operations GSR to notify COR of failure to meet threshold
Spares Management	4.5.1 and 4.6	Sufficient equipment spares levels are maintained for contractor provided equipment throughout the duration of each services order so that mission operations will not be interrupted in the event of a component failure within the system	GSR involvement in daily operations; GSR to notify COR of failure to meet threshold
Monthly Site Report	3.2.10	Each Site Mission Coordinator will provide a monthly site report detailing monthly flight hours utilized, sorties flown, status of equipment, mishap/incidents summary, any lessons learned, and description of monthly achievements	Review of report by GSR and COR. Failure to meet required delivery date or provide adequate deliverable to be documented by GSR and COR (CDRL A002)

11. Government Furnished Equipment (GFE)

11.1 The following identifies the GFE from USSOCOM inventory for which contractor operation could be required for payload integration:

(b)(4)

11.2 The following identifies the GFE for ISR services:

None. Unless identified during site surveys and added to individual task orders.

12. Labor Reporting: The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract via a secure data collection site. The contractor is required to completely fill in all required data fields using the following web address: <http://www.ecmra.mil/> Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the help desk at help desk at: [http://www.ecmra.mil.](http://www.ecmra.mil/)