# Statement of Work

## C.1.0 BACKGROUND

**C.1.1** An experienced engineering technician is needed to support the Combat Feeding Division, Joint Foodservice & Engineering Team (JF&ET) in order to provide experienced technical support to engineers developing Military field feeding systems. The technician's primary responsibilities will include the analysis, operation and troubleshooting of high fidelity technical systems and electronic control automation devices, in support of revolutionary technologies in high efficiency fuel-fired combustion appliances, Commercial Off-The Shelf (COTS) food service sanitation, cooking technologies, and expeditionary equipment. The contractor will assist Project Officers in developing field feeding appliances, testing of prototypes, and food service equipment assets. The US Army Transformation and Training Command (T2COM) Soldier Center, Combat Feeding Division (CFD) projects require product test and evaluation and specialized expertise in fuel-fired systems, analysis of food service equipment and systems to exceed user requirements and to support the DoD Combat Feeding Research and Engineering Program (CFREP).

## C.2.0 REQUIREMENTS

**C.2.1** The contractor shall provide experienced technical support to the Combat Feeding Division Project Officers developing Military field feeding systems.

**C.2.1.1 General Requirements.** The contractor's primary focus shall be to:

(a) The contractor shall be capable of operation and troubleshooting of various electric and fuel-fired food service equipment, and high fidelity prototype technologies.

(b) The contractor shall support technical set-up and testing of alternative energies, fuel-fired heating systems, and (COTS) automated electric appliances.

(c) Provide technical knowledge, testing, and set-up of First Article Test units in support of the Defense Logistics Agency Troop Support (DLA-TS) field feeding equipment and system procurement efforts.

(d) Provide set-up, test, and evaluation on the Submarine Food Service Upgrades (SFSU) equipment as identified by the Project Officer.

(e) Conduct market research analysis in support of revolutionary technologies in high efficiency fuel-fired combustion appliances, Commercial Off-The Shelf (COTS) food service sanitation, cooking technologies, and expeditionary equipment.

(f) Conduct market research, set-up, test and evaluation for various projects under Combat Feeding Research and Engineering Program (CFREB) as outlined by the Project Officers.

(g) Support packaging rough handling activities for S&T efforts.

(h) Support product demonstration extrusion and form filled sealing activities.

**C.2.1.2 Specific Requirements:** The contractor shall:

(a) Provide technical support on the Applied Materials for Thermal Energy Management and Storage (AM-TEMS) project to include: conducting market research to locate novel insulating technologies, set-up, test and evaluate different alternatives and provide documentation of the results to support decision making.

(b) Provide technical support for the Insulated Food Container and Insulated Beverage Container – Improved (IFC/IBC-i) project to include: evaluating the design, setting up equipment and testing this design, recommending potential improvements based off test data.

(c) Provide technical support for the Navy Shipboard Equipment Lifecycle Program Upgrade project to include: performing market research to assess life cycle expectancy of food service equipment items, and support testing requirements as needed.

(d) Provide technical support for the Scalable Combat Feeding Platform (SCFP) project to include: instrumenting testing for prototypes such as the improved M59 Field Range and Airtronic burner alternative, capturing performance data, and documenting results.

(e) Provide technical support for the Submarine Food Service Upgrades (SFSU) project to include: understanding ASTM standards and their application to testing of commercial food service equipment, performing testing on food service equipment, and documenting results.

(f) Provide engineering technical support for testing and evaluating First Article Test (FAT) units in support of DLA managed field food service equipment procurement efforts. FAT units are verified in accordance with the appropriate specifications and drawings. FAT units undergo extensive performance testing to meet established operational requirements.

(g) Assist JFET project officer with tasks involving food productions runs. These tasks include, but are not limited to: assisting on the production line, capping and labelling the product, preparing the tubes for shipping and transporting the pallets to the loading dock.

(h) Assist CFD personnel with maintaining organization and logistical support of the motor pool warehouse area, to include forklift use.

(i) Have familiarization with using the current federal supply system to ship and receive equipment.

(j) Provide technical support for pouch fabrication and sealing of samples used in experimental storage studies.

(k) Provide support for boxing and palletization of product demonstration related packaging materials.

(l) Provide support for product demonstration extrusion and form filled sealing activities, to include analyzing alternatives and improvements on current methods.

(m) Assist with gas cylinder replacement in laboratories.

(n) Act as an alternate for liquid nitrogen filling in support of the Integrated Physiology Laboratory.

(o) Support CFD boiler operations as this effects projects such as, but not limited to: tube food production, equipment used by AFRS project, and S&T activities for autoclaving biological waste.

**C.3.0 PERIOD OF PERFORMANCE**

**C.3.1** The period of performance (PoP) consists of a one-year base period, followed by four one-year optional periods, anticipated to run from 01 SEPTEMBER 2026 – 31 AUGUST 2031, for a total duration of five (5) years.

**C.4.0 TRAVEL**

**C.4.1** Travel is not anticipated under this contract.

**C.5.0 SECURITY**

**C.5.1** A security clearance is not required for this work.

**C.6.0 PERSONNEL QUALIFICATIONS**

**C.6.1** It is essential the contractor have an understanding of both fuel-fired equipment and electric (COTS) equipment technologies.

**C.6.1.1** General Experience. The Contractor shall demonstrate expertise in Military field feeding equipment, which shall include at least 5 years of experience with Military field feeding equipment.

**C.6.1.2** Specialized Experience: The contractor shall have demonstrated experience and understanding of the analysis, operation and troubleshooting of high fidelity technical systems and electronic control automation devices, specifically high efficiency fuel-fired combustion, food service sanitation, cooking technologies, and expeditionary equipment.

**C.6.1.3** The contractor shall have forklift experience and training, ideally government (Army SAFE) specific forklift training to include 4k, 5k and 15k certifications.

**C.6.1.4** The contractor shall provide personnel familiar with using the current federal supply system to ship and receive equipment.

**C.6.1.5** ServSafe certification preferred.

## C.7.0 GOVERNMENT FURNISHED EQUIPMENT/INFORMATION/COMPUTER UTILIZATION

**C.7.1** The Government shall provide a cubicle and a computer with access to the local area network. No other Government Furnished property is anticipated for this effort.

## C.8.0 OTHER DIRECT COSTS (ODCs)

**C.8.1** The Government does not anticipate any additional costs.

## C.9.0 DELIVERABLES

**C.9.1** The contractor shall provide one (1) full-time, qualified individual to perform all the aforementioned duties stated within the SOW. Monthly Status Reports are required in accordance with the Contract Data Requirements List (CDRL) DD Form 1423, Exhibit A.

## C.10.0 PLACE OF PERFORMANCE

**C.10.1** The primary place of performance for this work will be the Combat Capabilities, Development Center - Soldier Center (DEVCOM-SC), Combat Feeding Division, JF & ET; Natick Soldier Systems Center (NSSC) at 15 General Greene Avenue, Building #16, Natick, MA 01760.

## C.11.0 CONTRACT MANAGEMENT/ACTIVITY REPORT

**C.11.1** The Contractor shall be responsible for managing and overseeing the activities of all Contractor personnel used in performance of this contract. The Contractor's management responsibilities shall include all activities necessary to ensure the accomplishment of timely and effective research or scientific services performed in accordance with the requirements contained in the statement of work.

The contractor shall submit a monthly status report no later than the 10th calendar day of each month; failure to submit this report by the established deadline may result in a negative performance assessment in accordance with the contract's Quality Assurance Surveillance Plan (QASP) and may delay the processing of monthly invoices.

**Each monthly status report** will be provided to the Government with the following information:

(a) Summary of work accomplished during the reporting period and percent complete
(b) Any problem areas or potential problem areas
(c) Schedule of activities planned for the next reporting period and number of remaining hours to complete activities

## C.12.0 INVOICING

**C.12.1** The Contractor shall bill no more than once monthly.

## C.13.0 CONTRACTOR INSTALLATION ACCESS AND CAC ISSUANCE

After contract award and upon receipt of documentation from the government, the contractor shall complete all required documents (100% completion required) and submit them to the Contracting Officer's Representative (COR) no later than 45 days prior to the start of contract performance, unless the COR authorizes a later date. If the government initiates a background investigation in the Personnel Security Investigation Portal (PSIP), the contractor will receive a series of automated emails (minimum of 3) from the PSIP system prompting them to complete the application. Upon email notification the contractor shall take immediate action to complete the PSIP application. After completion of the application, it can take up to two weeks for the PSIP application to show as "open." Once the application shows as "open," the government will enter the contractor into the Trusted Associate Sponsorship System (TASS). After being entered into TASS, the contractor will receive an email from the government which contains a TASS username and password and a link to the required TASS application. Upon receipt, the contractor shall log into the TASS system and complete the application. If the application is approved, the contractor will receive an automated email from the TASS system acknowledging the process has been completed and a Common Access Card (CAC) may be obtained. The Contractor shall coordinate with the COR to book a CAC appointment. Two forms of ID are required in order to obtain a CAC card. After obtaining a CAC, the Contractor will coordinate with the COR to complete the DEVCOM-SC internal on-boarding process.