AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
J	1 33

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
0004	23-Jun-2016		

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than item 6)	CODE
W6QK ACC-APG NATICK CONTRACTING DIVISION BLDG 1 GENERAL GREENE AVENUE NATICK MA 01760-5011	W911QY	**See Item 6**	

8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		
	X	9A. AMENDMENT OF SOLICITATION NO. W911QY-16-R-0004
	X	9B. DATED (SEE ITEM 11) 06-May-2016
		10A. MOD. OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 13)
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer [ ] is extended, [X] is not extended.

Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[ ] A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

[ ] B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).

[ ] C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

[ ] D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [ ] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this amendment is to:

1. Add questions and answers 76-82.
2. Update Section C.3.6. BK Production Units.
3. Update the delivery schedule for CLIN 1002 within 52.211-9.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) TEL: EMAIL:	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED 23-Jun-2016

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The following have been modified:
SUPPLEMENTAL INFORMATION

A.1. The Army Contracting Command – Aberdeen Proving Ground (ACC-APG), Natick Contracting Division has a requirement for a Battlefield Kitchen (BK).

A.1.1. The Government plans to award a single Firm Fixed Price (FFP) Indefinite Delivery Indefinite Quantity (IDIQ) contract with options. The anticipated contract is planned to be structured with a 3-year base developmental ordering period that consists of the engineering, design, fabrication and test of developmental prototypes, logistics deliverable preparation, and transition to low rate production. Following the 3-year developmental ordering period, the government anticipates 5 optional 1-year production ordering periods, the first will consist of fabrication of FAT systems, conduct of First Article Test, and transition to full rate production. The minimum contract value will be $269,000.00 and the maximum contract value will be $97,000,000.00.

A.1.2. This requirement is subject to the availability funds.

A.1.3. Proposals shall be valid for 180 days after the closing date of the solicitation. Contractors shall clearly indicate the period of validity.

A.1.4. Contractors will not be reimbursed for any proposal preparation costs.

A.1.5. Proposals are due NLT 2:00 P.M. EDT Wednesday 6 July 2016.

A.2. The Government anticipates awarding a single FFP IDIQ contract with options as a result of this solicitation; however the Government reserves the right to award one or no contracts at the Governments discretion. Funds will be obligated for quantities ordered upon issuance of delivery orders and not by the basic contract.

A.3. This acquisition is for a 100% Small Business Set-Aside. The North American Industry Classification System NAICS Code is 332999, and the size standard is 750 employees.

A.-3.1. FAR Clause 52.219-14 Limitations on Subcontracting has been included by full text in section I of the solicitation applies to the resulting contract.

A.4. DFARS Clauses 252.211-7006 Passive Radio Frequency Identification (PRFID) and 252.211-7003 Item Unique Identification and Valuation (IUIDV) apply and are incorporated in Section I of the solicitation.

A.5. DFARS 252.225-7012 Preference for Certain Domestic Commodities (Berry Amendment) applies to the resultant contract.

A.6. The solicitation including Ammendments, Exhibits and Attachments listed in Section J, may be downloaded from the Natick Contracting Division website http://www3.natick.army.mil/Team/BK.aspx.

A.7. Proposals shall be addressed to the following:

Army Contracting Command – Aberdeen Proving Ground
Natick Contracting Division (CCAP-SCN)

Natick B Branch
ATTN: Sean Auld
Subject: W911QY-16-R-0004
15 General Greene Avenue, Bldg 1, 3rd Floor
Natick, MA 01760

A.7.1. Prior to hand delivering proposals offerors shall coordinate the delivery with Sean Auld via email at Sean.G.Auld.civ@mail.mil.

A.8. Offerors shall access http://www.assistdocs.com herein for all Mil-STD's referenced in this document for complete up to date information.

A.9. Any changes in the agreed upon arrangements are to be submitted to the Contracting Officer in advance for approval. In the event of any conflict or ambiguity between the Contractor's Technical Proposal and the Government's Performance Specification, the Government's Performance Specification takes precedence.

A.10. Questions & Answers

Question 1: What is the allowable carbon dioxide emission (%) for each modular appliance?

Answer 1: There is no direct limit on the CO2 emissions for each appliance. The limits are indirect in that there are OSHA limits for the kitchen environment.

Question 2: Where is the carbon dioxide emission measured?

Answer 2: See answer 1.

Question 3: What is the control interface between Modular Appliances and the Modular Burner?

Answer 3: The interfaces are defined for reference in the solid models. The offeror may use, to the extent desired and provided, the included information. A firm requirement has not yet been defined for the control interface. Alternate control interfaces will be considered.

Question 4: Is the external housing/cabinet/chassis that the Modular Burner slides into, a standard component with the Modular Burner?

Answer 4: The physical interface between the modular burner and the modular appliance are to be maintained as defined in the solid models and the interface drawing in the burner PPD. Yes, the physical interface can be considered a standard.

Question 5: Is the keypad interface, adjacent to the Modular Burner, a supplied component of the Modular Burner?

Answer 5: No components of the modular burner will be supplied for production. The purchase and/or assembly of the modular burner shall be the responsibility of the offeror; however, the modular burner and select appliance modules will be supplied as GFP to be used as reference during the developmental phase. See section H.3. Government Furnished Property (GFP) and Government Furnished Information GFI) of the solicitation.

Question 6: What are the specifications for the keypad interface (inputs, outputs, etc.)?

Answer 6: The appliance controller (provided as a reference and not a design requirement) gets a few inputs. There are safety limit switches and on the thermostat controlled appliance, a thermostat input. There is also the 120 VAC power input. For outputs to the burner, there is the alarm switch, thermocouple switch (call for heat) and 120 VAC. Other outputs are appliance specific (convection blower fans only operate when the appliance is powered up). It is the offerors responsibility to verify all inputs and outputs and correct operation of the burner/appliance combination.

Question 7: Is the keypad interface the “thermostatic controller” for the Griddle and Convection Oven?

Answer 7: Yes

Question 8: Is the keypad interface the “duty controller” for the Heater Tank?

Answer 8: Yes

Question 9: Since the Stove Top, Tilt Skillet, and Refrigerator do not have a “thermostatic controller” identified for these Modular Appliances, are they just power on/power off Modular Appliances only? It is very surprising that there is no heat control for the Stove Top and Tilt Skillet.

Answer 9: See 3.3.5 of the PPD for Modular Appliances. It describes the heat control for appliances that require either a duty cycle or a variable firing rate burner.

Question 10: What is the temperature setting/requirement for the Refrigerator?

Answer 10: The refrigerator shall be capable of maintaining a maximum temperature of 40°F without freezing the product.

Question 11: Is a vent hood always present on the Griddle, Tilt Skillet, and Stove Top?

Answer 11: The vent hood is always present during operation. However, it is probably necessary to easily remove the vent hood for transportation. See the PPD for the BK system for height limits of the system.

Question 12: Is the Vent Hood a semi-permanent attachment to the Griddle, Tilt Skillet, and Stove Top?

Answer 12: It is probably necessary to removable for transportation. See the PPD for the BK system for height limits during transportability.

Question 13: What is the preferred method to secure the Vent Hood to the Griddle, Tilt Skillet, and Stove Top? With tools? Without tools?

Answer 13: The vent hood should be easily removable, preferably without tools. Tools can be lost and this may be counted as a weakness depending on the type and quantity of tools required. It is anticipated that the appliances need to be height reducible to approximately 50 inches to allow the BK to meet the height limitation of 8 feet. Removing the hood will be counted in the time limitation to pack up the BK. See 3.4.2 of the system PPD for deployment and pack out requirements.

Question 14: Is the Stove Top considered a supervised appliance?

Answer 14: Normal care and supervision will be assumed for the stove top as with any large boiling vessel. It can be assumed that it will not be under constant surveillance and that it will be set to its task and the operator will perform other tasks that take their attention away for periods of time.

Question 15: What is the method for modulating the Vent Hood blower cfm from 100 cfm to 400 cfm?

Answer 15: The government is not aware of a requirement that requires the blower to modulate from 100 cfm to 400 cfm. See 3.3.1 of the System PPD.

Question 16: Is there a preferred material of construction and corrosion protection coating identified for the Modular Appliances?

Answer 16: Offerors are required to propose materials and methods of construction taking into account corrosion prevention as well as all of the requirements of the PPD’s and contract.

Question 17: There is a reference made regarding “delivery to government after refurbishment,” but there is nothing to address any deficiencies discovered during the refurbishment. Do you want “like new,” just clean, maybe painted? Please clarify.

Answer 17: Refurbishment will include all repairs necessary to bring the item back to good working order. The contractor will be responsible for correcting deficiencies of the design and or manufacturing process. Damage caused by the test that were not attributable to the design or manufacturing process (e.g. improvements based on new knowledge) will be negotiated prior to initiation of repair.

Question 18: You’ve mentioned “on-site tech support.” What is your expectation for this?

Answer 18: See C.2.17 for details. We cannot be more specific at this time due to unanticipated events during tests.
Question 19: What is your estimated timeframe for the required support? Where will this happen?

Answer 19: The timeframe will be based on the Offerors delivery schedule. The most likely location will be Aberdeen Test Center, MD. As an alternate, Yuma Proving Ground, AZ.

Question 20: When you refer to 10 days, are you saying 10 business days or 10 calendar days?

Answer 20: 10 business days.

Question 21: The content of the ASL is developed by the Government, so how can it be accurately priced? Shouldn’t these CLIN's be negotiated upon approval of the ASL or perhaps you could provide a list to develop pricing for this proposal.

Answer 21: As part of Amendment 0002 the ASL CLIN’s to To Be Negotiated (TBN).

Question 22: You’ve asked for your contract line item numbers to be priced at an hourly rate, with FOB Destination. What about reimbursement for travel costs?

Answer 22: Travel will be reimbursed based on actual costs. CLIN 0088 for travel will be added to the solicitation as part of Amendment 0002.

Question 23: PSPL has yet to be developed and approved. We respectfully request you consider pricing this kit after approval.

Answer 23: As part of Amendment 0002 the PSPL CLIN to To Be Negotiated (TBN).

Question 24: Under Corrosion, you’ve mentioned Mil-Std-872. Is that correct? Or do you mean Mil-Std 810? Exactly what procedure are you referring to?

Answer 24: MIL-STD-872 is not correct. MIL-STD-810 is correct. PPD for the System 3.5.7. See paragraph 4.6.7 of the System PPD for the specific section of MIL-STD-810, salt fog test.

Question 25: Under the main exhaust system you’ve mentioned the requirement is a minimum 150 CFM per linear ft. Please clarify if that is under ACFM or SCFM?

Answer 25: SCFM

Question 26: Due to design and performance criteria relevant to the commercial kitchen equipment that is included in the battlefield kitchen, will the government consider a sole source supplier for the kitchen appliances, similar to the MBU sole source?

Answer 26: The Government does not have a finalized configuration for the appliances (burner or system) and cannot provide them as GFE (or from a sole source). The offeror is required to develop a plan for procuring appliances by whichever means they choose to be appropriate, meeting the all the terms of the contract. It is the government's strong desire to avoid follow-on sole source procurements for the appliances. The intention of the Government is to make future buys of the appliances, burners, and BK systems as full and open, competitive procurements.

Question 27: Does the contracting officer know of any developers/manufacturers that may be interested in partnering with a burner manufacturer?

Answer 27: The contracting officer does not have any insight possible teaming and partnering opportunities. This is something that offerors will work our during proposal preparation.

Question 28: Will Natick provide sample appliances for the use of burner manufacturers wishing to participate in the solicitation?
Answer 28: No, Appliances will be provided as GFP to the successful offeror.

Question 29: Government purpose license rights (GPR); Would the following statements be a correct interpretation if the offeror chooses not to price the CLIN 0024, GPR for the burner? “The penalty is twofold. The first is a monetary penalty that take place during the evaluation of the non offerors’ total evaluated price (TEP) . The penalty is the highest proposed price that any other offeror that prices the CLIN 0024 on their proposal will be added to price of the TEP for the non offeror. The second is any other non monetary penalty dictated in the evaluation approach “

Answer 29: Section M.3.9.6.3 was updated as part of amendment 0001. Please refer to the amended solicitation.

Question 30: Is it possible that the GPR could be limited to the US military only and all other markets available to the designer / manufacturer of the burner?

Answer 30: This requirement is for GPR and are limited as such.

Question 31: Is it expected that at the solicitation award stage, the successful offeror for the solicitation will be expected to, or are able to, invite or entertain, submissions from third parties that have interest in participating in the modular burner development?

Answer 31: During proposal preparation potential offerors could be working on teaming/partnering agreements. This is not something the government can answer as we are unaware of what potential offerors are planning on proposing.

Question 32: Can we submit burners without the kitchen if the burners are appropriately dimensioned and designed?

Answer 32: No, the requirement in this solicitation is for a complete Battlefield Kitchen System.

Question 33: What do they contemplate for the negotiations to have full rights to the technology following the submission of the winning bid?

Answer 33: The Government desires Government Purpose License Rights (GPLR) to the data for the products to be delivered under the resultant contract. The Government Purpose Rights would provide a paid up, royalty-free License Agreement that conveys all intellectual property rights necessary to effect a complete competitive re-procurement of the product, manufacture and use thereof for a Government Purpose (as defined in DFARS clause 252.227-7013).

Question 34: How many burners do they contemplate would be the subject of the purchase and when do they contemplate such purchases would first occur.

Answer 34: The number of burners required can be projected from the quantity of burners required for each BK system and the range of BK that may be purchased during the ordering period in question. There is no firm requirement for the number of burners provided with each BK system so it is possible for the total quantity to vary based on each offerors proposed design.

Question 35: Are small businesses given an advantage in pursuing this contract?

Answer 35: This requirement is a small business set-aside.

Question 36: The Generator high temperature specification is not consistent with the Battlefield Kitchen high temperature requirement. Attachment B-3 (BK PPD) Section 3.5.1 states that the BK system must perform from -25F to 125F. The mobile electric power, 3kW Tactical Quite Generation Set Appendix A, states the Generator is only rated from -25F to 120F. Will the Government waive any generator performance issues between 120F and 125F?

Answer 36: Yes

Question 37: A.1.1. Is the First Article Testing for the various components to be conducted at the same time?

Answer 37: Testing will be consolidated as much as practical so long as it will generate the necessary data for evaluation.

Question 38: Section B Item 0005 Have the burners already been tested?

Answer 38: Yes, they have been tested for firing rate, power, and compatibility with the appliances. To date the testing has been promising with minor issues; however, we do not have a formal test report suitable for release. The fact that we have not yet proven performance in all areas is the main reason we will consider and evaluate offers of alternate burners. We have just begun more formal testing at BNL that will evaluate the function as well as the long term performance. This testing is planned to conclude in approximately three months. It is the responsibility of the offeror to evaluate the solid model (and in essence, the design) of the modular burner and make the determination as to it suitability to this effort considering the evaluation criteria for award.

Question 39: Section B Item 0006 If burners have already been tested, is there a current test report?

Answer 39: See answer 38.

Question 40: Section B Item 0006 If burners have already been tested and current test reports are available, how would that affect the retesting and overlapping results?

Answer 40: Testing to date will not affect any testing associated with this developmental contract. It is not anticipated that any testing will be waived based on previous testing.

Question 41: Section B Item 0017 What is the purpose of this line (“Test Support for Developmental Testing”)?

Answer 41: During Government testing, Contractor support will be required for some anticipated tasks, and many that cannot be anticipated. An example of an anticipated task will be training personnel on the operation and maintenance of the equipment. The contractor may also be required when/if there is an issue with the technical documentation. Any circumstance where it would be more advantageous for the contractor to provide support as opposed to the government project office. See section C.2.17.

Question 42: Section B Item 0017: How will “Test Support for Developmental Testing” be used in the evaluation?

Answer 42: The information provide in an offerors Management Volume should support an offerors ability to provide Test Support for Developmental Testing CLIN 0017 is excluded from the TEP as stated in section M.3.9.6.1. of the solicitation.

Question 43: Section B Item 1009: What constitutes long term storage?

Answer 43: See C.3.10, after 90 days.

Question 44: Section B Item 1009: This section states that long term storage CLIN occurs after 90 days. What are the storage requirements prior to 90 days (days 1-89) if the units are not shipped?

Answer 44: The Contractor is required to store up to 90 days of production inventory.

Question 45: Section B Item 1009: At what point after production do kitchen components go into long term storage?

Answer 45: Components will not go into long term storage, only complete BK systems.

Question 46: Section C.1.12. Contractor Test Authorization: How are travel rates for testing to be priced?

Answer 46: Travel will be reimbursed based on actual costs. CLIN 0088 for travel will be added to the solicitation as part of Amendment 0002.

Question 47: Section L.10.1.2. Section II: Does the Government intend for the Offeror to include a complete "Section G Contract Administration Data" with its submission?

Answer 47: Yes, L.10.1.2. (b) which covers Section G was inadvertently left out of the solicitation. This will be updated in amendment 0002.

Question 48: Section L.10.1.2. Section II: Where should the Offeror include its completed "Section G Contract Administration Data"?

Answer 48: Offerors should include a completed Section G in Section II of the administrative volume. This will be spelled out in the solicitation when amendment 0002 is released.

Question 49: Section L.10.3.3. Can the Offeror propose the schedule included in Attachment 0003 BK Program Schedule/Planned Delivery Schedule (with modifications adding meetings events leading to data submittals, pre-production, manufacturing activities and contractor and government testing as needed) to meet the requirement of this section?

Answer 49: The offeror can propose the schedule of their choice and it will be evaluated according to the evaluation criteria.

Question 50: Attachment 0004 BK Data Rights Assertions List: What is the overall purpose of this attachment and form?

Answer 50: The overall purpose is for the government to see a detailed breakout of the proposed license rights for the entire effort. This completed form will help the government see exactly what rights are being offered for all commercial and non-commercial items.

Question 51: Attachment 0004 BK Data Rights Assertions List: How does the government desire for this to be completed?

Answer 51: Below is an example of how to complete attachment 0004.
CDRL: C001
CLIN: 0021
Data Item Title (Subtitle): BK Technical Data Package (TDP); Modular Appliances, Modular Burner, BK Platform.
License Rights: Government Purpose License Rights

SOW: C.5.

Question 52: Attachment 0004 BK Data Rights Assertions List: Please clarify what is needed in order to supply the correct information.

Answer 52: See answer to questions 51. If an offeror is offering Government Purpose License Rights for the entire BK System and all its Components then attachment 0004 can be completed by the offeror providing a statement that explains the offeror is providing Government Purpose License Rights for the entire BK System and all its Components.

Question 53: BK Attachment A-1 OMSMP Appendix G System Training Plan (STRAP) – PENDING: When will this appendix be made available?

Answer 53: Appendix G was unintentionally left attached to the OMSMP. Please disregard.

Question 54: BK Attachment B-3 PPD BK System: What is driving the weight requirement for the trailer?

Answer 54: The tow capacity of the vehicle minus a safety margin for future weight gain.
Question 55: BK Attachment B-3 PPD BK System : Is the weight requirement specifically limited to the vehicle towing the trailer?

Answer 55: The weight requirement is driven by the vehicle tow capacity, but not directly as there is a safety margin.

Question 56: BK Attachment B-3 PPD BK System : Can a different vehicle be used to tow the kitchen?

Answer 56: All requirement are based on the capabilities of the LMTV and all testing will be performed using the LMTV. The prime mover will not change. In actual use, other vehicles may tow the BK if they have a compatible interface and capacity (e.g. the MTV), but the prime mover will be the LMTV.

Question 57: BK Attachment B-3 PPD BK System: 3.2.8. Battlefield Kitchen major component layout: How many fire extinguishers will be required (quantity currently “TBD”)?

Answer 57: Three

Question 58: BK Attachment B-3 PPD BK System Section 3 Requirements 3.3.3.1. Main Exhaust System In reference to “Minimum capacity of 150 cu. ft. per linear feet” for the ventilation system, was this supposed to be 150 cfm?

Answer 58: More correctly, this should be 150 cfm/linear foot of vent hood. Determining the proper exhaust rate for appliances that do not require vent hoods (i.e. oven) will be the responsibility of the offeror.

Question 59: BK Attachment B-3 PPD BK System Section 3 Requirements 3.3.4.2. Blackout Light What is the upper limit for the wavelength of the red required for the blackout light?

Answer 59: The upper limit is when it is no longer visible.

Question 60: We are unclear on the scope of the Contractor Developmental Test Plan vs. the Government Developmental Testing Production Prove-out Test (PPT). Is the government’s intent to perform all Verification Testing per Section 4 of the PPDs twice, once by the contractor and once by the government?

Answer 60: It is the Government’s intention to perform testing sufficient to verify conformance to all of the requirements while using available funding efficiently. Redundancy will be eliminated as appropriate.

Question 61: Is it acceptable for the Contractor Developmental Testing to be performed only on high risk areas and on subcomponents as necessary to provide confidence that the system will pass the Government Developmental Testing?

Answer 61: The contractor should propose a test plan that they believe will give the government confidence that the items will pass Government testing as delivered.

Question 62: Question 3: Why does the Government, on a FFP contract, require CDRL C0002, Production Cost Breakdown – Actual Costs?

Answer 62: The information will be used for estimating the costs of future contracts.
Comment: C.1.3.2 – This RFP is for a two phase program with the completion of the design and then the production of prototypes and FAT's. There appears to be no specified or guaranteed number of production units that will be ordered by the Government as a part of the procurement. This procurement appears to be an R & D effort with the Government retaining ownership and license rights (GPRL) to the design and engineering.

Question 63: We believe that this RFP structure puts potential bidders at a great deal of risk in making a decision to participate in this effort. Would the Government consider changing the solicitation to include issuing a multi-unit, multi-year production order for BK's as identified in CLIN's 1005, 2001, 3001, 4001, 5001?

Answer 63: The effort is initially to develop the BK. If successful, production options may be exercised. Bidders should carefully consider and factor risk into their proposals.
Question 64: In addition would the Government consider changing the solicitation to remove the evaluation penalty for not pricing the CLIN to grant the license rights for the design that is completed by the successful bidder remain the property of the awardee?

Answer 64: The Government desires to obtain Government Purpose License Rights (GPLR) to the data for the products to be delivered under the resultant contract. It is intended that the Government will receive Government purpose rights that enable a competitive procurement of the BK after the conclusion of a resultant contract. As a result of amendment 0001 section M.3.9.63 has been changed. There is no penalty for not providing GPR. The contractors cost and technical proposal will be evaluated as presented. There is an incentive adjustment for providing the GPR and technical data to support future full and open competitive contracts.

Question 65: C.1.3.3 - Reference is made to "delivery to Govt. after refurbishment" There is a requirement to correct deficiencies discovered during PPT, but there is no requirement for "refurbishment". What is the Government's intent? Should the prototypes be brought back to "like new" condition? Re-paint? clean? Recondition equipment? Needs clarification.

Answer 65: C.1.3.3 was intended as a high level requirement. See paragraphs C.2.18 for more detail as to the purpose and nature of refurbishment.

Question 66: C1.3.5 - Is the on-site tech support only to address failures or does the Government have other expectations?

Answer 66: See section C.2.17 of the solicitation for the anticipated requirements of contractor on-site support.

Question 67: In reading Section L.10.4.1 and .2, one could read into it either: Up to five Past Performance citations for the Offeror (and Team) in total, or Up to five Past Performance citations for the Offeror, and then additional ones (up to five?) for Key Subcontractors. Which is correct?

Answer 67: Past performance will be limited to five (5) for each company providing over 30% of the work.

Question 68: Solicitation, L.10.1 VOLUME I ADMINISTRATIVE 146 L.10.1.5, Section V Financial Documentation: Will a summary page suffice for the Line of Credit information (considering these files are very large)? Or does the Government require full documentation, which amounts to over 100 pages?

Answer 68: A summary page is sufficient for the Line of Credit information.

Question 69: Solicitation L.10.4 VOLUME IV PAST PERFORMANCE L.10.4.2 Experience, Is the offeror limited to up to five (5) past performance contracts for the whole proposal, or can each company providing over 30% of the work effort submit up to five (5) contracts each?

Answer 69: Past performance will be limited to five (5) for each company providing over 30% of the work.

Question 70: The Online Representations and Certifications Application (ORCA) documentation required by this section is unavailable because the site has been replaced by the System for Award Management (SAM). In order to remain compliant with the solicitation requirements, will the Offeror's printed FAR 51.219-1 Small Business Program Representations from SAM suffice as a substitute for the ORCA documentation?

Answer 70: The reference to ORCA was inadvertently included in the solicitation and will be removed in amendment 0002. SAM and section K of the solicitation are the representations and certifications that need to be completed by offerors.

Question 71: The Online Representations and Certifications Application (ORCA) documentation required by this section is unavailable because the site has been replaced by the System for Award Management (SAM). In order to remain compliant with the solicitation requirements, will the Offeror's printed FAR 51.219-1 Small Business Program Representations from SAM suffice as a substitute for the ORCA documentation?

Answer 71: The reference to ORCA was inadvertently included in the solicitation and will be removed in amendment 0002. SAM and section K of the solicitation are the representations and certifications that need to be completed by offerors.

Question 72: For the Past Performance Volume, does the total of five past performance contracts include those of the prime and any subconsultants, or can the offeror send up to five for themselves and five for each sub?

Answer 72: Past performance will be limited to five (5) for each company providing over 30% of the work.

Question 73: Request the government to extend the submission deadline by a minimum of two weeks?

Answer 73: In amendment 0002 the proposal due date will be extended, see section A.1.5.

Question 74: Can the Government please grant a three week extension on the due date of this proposal to allow offerers sufficient time to incorporate answers to questions into their proposal and provide the thorough response the Government requires?

Answer 74: In amendment 0002 the proposal due date will be extended, see section A.1.5.

Question 75: Please extend the bid due date to July 5th.

Answer 75: In amendment 0002 the proposal due date will be extended, see section A.1.5.

Question 76: SOW C.2.13.3. We have conducted an extensive research on the availability of M1061A1 trailers for the BK system, and have found that only one of the approved previous manufacturers (SCHUTT Industries) can provide a quote and their best lead time is 16 weeks. The other two companies (D&S Manufacturing, and Utility Tool and Body) have stated they are no longer in a position to provide quotes for this trailer. Given the limit of only one approved source for this mandated product and its long lead time of 16 weeks, will the Government adjust the delivery schedules for all impacted CLINs and CDRLs in the solicitation accordingly?

Answer 76: The government declines to adjust the delivery schedule for CLIN 0012 that calls for the delivery of developmental prototype BKs. The government is providing a demonstrator trailer to the offeror as GFE iaw SOW

section C.2.13.3. The government is also providing detailed design drawings for use by the offeror is designing the BK while awaiting delivery of their new trailers. However, upon reviewing the other CLINS requiring that the offeror have trailers on hand to complete, the government shall extend the delivery time for the three first article test unit CLIN (CLIN 1002) from 90 days to 180 days to allow the contractor time to order and receive the trailers for insertion into the system

Question 77A: SOW C.2.13.3. If the Government cannot adjust the delivery schedules to accommodate the trailer lead time, will the Government: a) Designate the M1061A1 as GFE and provide them to the winning contractor or

Answer 77A: The government has adjusted the necessary delivery schedules to accommodate the trailer lead time

Question 77B: SOW C.2.13.3. If the Government cannot adjust the delivery schedules to accommodate the trailer lead time, will the Government: b) Make a CLIN item for the M1061A1 and designate it as Long Lead Time (LLT) Materials and issue separate pre-production delivery orders for the trailers?
(Long Lead Item (LLI)/Long Lead Time (LLT) Materials: Those components of a system or piece of equipment for which the times to design and fabricate are the longest, and therefore, to which an early commitment of funds may be desirable in order to meet the earliest possible date of system completion.)

Answer 77B: The government has adjusted the necessary delivery schedules to accommodate the trailer lead time

Question 78: According to “C.3.10. Long Term Storage of BK Systems (CLINs 1009, 2005, 3005, 4005, and 5005):” “Long Term Storage shall include storage plus all other activities associated with storage including, but not limited to, materiel handling, recordkeeping, security, cleaning, and refurbishing.”
According to “C.3.10. Long Term Storage of BK Systems (CLINs 1009, 2005, 3005, 4005, and 5005):” “Long Term Storage shall include storage plus all other activities associated with storage including, but not limited to, materiel handling, recordkeeping, security, cleaning, and refurbishing.”
The cleaning and refurbishing requirement for the BK System is very vague. Please provide detailed cleaning and repair requirements for the BK burner, BK appliances, and the entire BK system that will be required when the BK systems are returned to long term storage; this information will allow us to more accurately quote a multi-year price for the currently unknown damage or repairs and cleaning that will be required for BK systems returning from the field. Better knowledge of this requirement is critical for any Offeror to be able to quote a reasonable price to clean and refurbish the BK to “like new condition”.

Answer 78: The BK systems entering long term storage shall not be those ‘returning from the field’. They are systems that have been produced by the manufacturer, accepted by the government but that have not yet been fielded to the soldier. They will be ‘new’ systems in that they haven’t been used so the government can reasonably expect them to be delivered to the soldier in ‘like new’ condition. There should be no ‘repair’ actions required if the storage of the BK is done correctly. The government declines to provide detailed cleaning and repair instructions for the burners, appliances and the BK system itself because the configuration of those systems is not yet finalized and the offeror is the best determinant of the extent of those instructions based on their knowledge and experience in storing manufactured items before shipment to the customer.

Question 79: SOW C.3.10. If detailed information cannot be provided for cleaning and refurbishing, can these requirements be removed from these CLINS and separately priced on a case-by-case basis utilizing B.2.2. Contractor Support Pricing (CLINS 0017, 1004, 1008, 2004, 3004, 4004 and 5004)?

Answer 79: It appears that this question is posed because the offeror is trying to determine the cost to refurbish a fielded kitchen that has been used in the field and has suffered degradation. That is not the case, systems placed in long term storage have not been used and require only minimal preparation before fielding to the soldier. The offeror should be able to price out the preparation of systems for delivery based on their knowledge of how to handle completed systems awaiting shipment. The requirements for the pricing of cleaning and refurbishment shall not be removed from the suggested CLINS.

Question 80: Due to the length Technical Proposal of 85 pages and 45 pages Management Proposal, that involved several subcontractors of engineering, manufacturing and specialty consultants, please consider extending the due

date from 7/6 to the end of July. We need more time for collaboration. Thank you for your consideration and have a beautiful day.

Answer 80: An extension of 16 days has previously been granted allowing a full 61 calendar days for response. This is in addition to releasing the draft RFP for over two months prior to issuing the final RFP and conducting a comprehensive industry day demonstration of the target technology. The Government believes that adequate time has already been provided, therefore no extension is granted".

Question 81: The Master Index is included in the Executive Summary which is limited to five pages. Please confirm that the master index pages are included in the five-page limit of the exec, summary. (this will limit the detail contained in the master index)

Answer 81: The government confirms that the master index pages are included in the five page limit of the executive summary.

Question 82: Master Schedule: The IMS is included in the management volume, which is limited to 45 pages. Is the IMS Gant chart included in the 45 page limit?

Answer 82: The government confirms that the IMS Gant chart is included in the management volume with a total management volume limit of 45 pages.

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:
STATEMENT OF WORK

C. DESCRIPTIONS AND SPECIFICATIONS for BATTLEFIELD KITCHEN

C.1. GENERAL REQUIREMENTS

C.1.1. Scope: This Statement of Work (SOW) describes the work to be performed by the Contractor in conjunction with the design, fabrication, test, and delivery of the Battlefield Kitchen (BK).

C.1.2. Technical: The BK is being developed as a replacement to the Mobile Kitchen Trailer. It will be a mobile kitchen towed by the Light Medium Tactical Vehicle (LMTV) and larger vehicles with cross country travel capability. It will have the capability to prepare meals for and feed 300 people, three meals per day. The kitchen will be height reducible to 8 feet for transportation on military aircraft. The system must also have provisions for transportation by helicopter sling load, rail, and ship. All cooking appliances on the BK will be fuel fired (JP-8) with minimal electric power to operate controls, blowers, pumps, etc., and as such, all of the BK electrical power needs will be supplied by a military standard 3kW Generator that is transported within the BK envelope. A key feature of the BK will be that the appliances are dismountable for operation in ground based shelters/buildings. All of the cooking equipment on the BK platform must be man-portable in accordance with MIL-STD-1472. To facilitate operation in closed shelters, the BK ventilation system must be reconfigurable to function when the BK appliances are dismounted and operated in a ground based shelter.

C.1.3. Contract Outline and Sequence of Events: The Contractor will be provided with data and hardware resulting from the developmental work accomplished to date by the Government. This will include solid models, drawings, test reports, prototype burners, appliances, M1061A1 Trailer and generator. See Section H for specifics of GFE and GFI. This provides the contractor with the preliminary system designs, but ultimately, the Contractor shall be responsible for designing and fabricating BK systems that meet all of the requirements of this contract and the

component Performance Purchase Descriptions (PPDs). It is the intention of the government to use the technical data obtained under this contract to procure identical or nearly identical Battlefield Kitchens on subsequent (follow on) full and open competitive contracts.

C.1.3.1. For the purposes of this contract, the BK System will be defined as all the parts and pieces that make up a fully functional BK with all Components of the End Item (COEI) and Basic Issue Items (BII). The BK System will include three subsystems: The BK platform, Modular Appliances, and the Modular Burners. The BK platform will therefore be the BK without appliances or burners. It is the intention of the Government to be able to procure separately the three subsystems from the TDP deliverable under this effort in future actions.

C.1.3.2. This overall developmental effort will consist of two phases. The first phase will be the completion of the design of the three sub-systems and all three subsystems will be interchangeable even if provided by different manufacturers: 1) Modular Burner, 2) Modular Appliances, and 3) The BK platform. After successful completion of the Critical Design Review (C.4.4.2.) the Contractor will be given approval to proceed with fabrication of the prototypes. Once Government approval is granted, the Contractor shall proceed to fabricate and test the quantity of Developmental Prototype BK Systems as specified in the Delivery Order.

C.1.3.3. The Contractor shall design and fabricate a minimum of three developmental prototypes (CLIN 0012); additional developmental prototypes, if ordered, will be ordered under CLIN 0013, at quantities and prices specified in the delivery order. The contractor shall complete the BK developmental prototype systems and deliver them to the Government for evaluation in the Production Prove-Out Test. The Production Prove-Out Test (PPT) will be a Government run test at a Government facility to determine the conformance of the BK and subsystems to the requirements of the applicable PPD's and this Contract. After Government testing, the test prototypes shall be returned to the Contractor. Deficiencies identified during the PPT shall be corrected by the Contractor. After refurbishment of the test prototypes, the Contractor shall deliver the three BK systems to the Government. The prototypes will then be evaluated in Government administered Limited User Test. Feedback from the PPT, and LUT will be used to finalize the design of the BK System and complete the developmental portion of this contract.

C.1.3.4. Initial production approval will be based on the successful completion of the developmental testing and incorporation of necessary design changes to correct remaining deficiencies. The next step will be the fabrication of First Article Test (FAT) Units. These units will be subjected to Contractor performed FAT and Government performed Initial Operational Test (IOT) in that order. The successful completion of these two tests will support the decision for Full Rate Production.

C.1.3.5. During each Government performed test, the Contractor shall provide support in the form of spare and repair parts as well as on-site technical support as required.

C.1.4. Contractor Responsibilities: The Contractor shall furnish all personnel, labor, engineering, services, materials, supplies, and facilities necessary to design, develop, manufacture, and test the BK system and provide all support hardware and software as indicated in this Statement of Work (SOW). The work and services to be performed by the Contractor are detailed in this SOW and will be authorized by issuance of delivery orders. The Contractor shall not initiate any work that is not authorized by a delivery order or modification without written direction by the Contracting Officer.

C.1.5. Program Management: The Contractor shall designate an individual as the Contractor's Program Manager (PM). The PM shall serve as the primary Point of Contact (POC) between the Government and Contractor, and shall be responsible for the coordination of all Contractor activities related to the contract. The PM shall have the authority to commit the Contractor to specific courses of action and accept direction from the Contracting Officer. The PM shall be responsible for coordinating all meetings between the Government and the Contractor. The PM shall be responsible for bringing to the Contracting Officer's attention any conflicts in the Contractor's interpretation of the contract requirements (first by telephone and followed in writing) or problems that could adversely affect the Contractor's ability to meet the stated quality, cost, or production/delivery schedule.

C.1.6. Master Program Schedule: The Contractor shall develop and maintain a detailed Master Program Schedule in Microsoft Project (using the Gantt chart format) that outlines all of the tasks required to execute the program. A

baseline schedule shall be established during the contract preparation phase and tracked from contract award. The schedule shall show in detail the path the contractor will follow to meet the required delivery dates of all items awarded on the contract. The schedule shall provide a comprehensive list of all program related events (i.e. design reviews, engineering, design, integration, fabrication, First Article Testing, Production, CDRL deliverables, etc.). The schedule shall track all tasks, baseline and actual schedule progress, and include percentages complete. The Contractor is expected to keep the Master Program Schedule up to date and track program progress using the schedule. Updates to the schedule shall be supplied to the Government as changes occur or as requested. The contractor shall submit the up to date Master Program Schedule along with weekly teleconference meeting minutes (Section 0).

C.1.7. Configuration Management: The Contractor shall implement and maintain an internal configuration management program for the BK throughout the life of the contract. EIA649, 'National Consensus Standard for Configuration Management', may be used as a guide for the Contractor's configuration management program. Copies of this document may be purchased at http://www.sae.org/.

C.1.8. Physical Configuration Baseline (PCBL): The Contractor shall create and control the PCBL using the change control and engineering release processes. The PCBL, which shall be in the Contractor's own format, is the product performance requirement for replacement assemblies and spare/repair parts, engineering drawings, parts lists, process specifications and computer software configuration items. The PCBL shall support interchangeability and interoperability to a replaceable part level.

C.1.9. Configuration Control: The Contractor shall use configuration control to manage all proposed changes after the Physical Configuration is baselined (See C.1.8 and C.2.19). Configuration control shall be used to document the impact of proposed changes and to update configuration documentation. Following acceptance of the system, the Contractor shall not alter the design in form, fit, or function without prior approval from the Contracting Officer.

C.1.10. Engineering Change Proposal (ECP): An ECP shall be prepared for proposed changes. At a minimum, the ECP shall include the following:

C.1.10.1. Date Prepared
C.1.10.2. ECP Number
C.1.10.3. Justification and Priority Code
C.1.10.4. System Designation (i.e. Cage Code, nomenclature, model, P/N)
C.1.10.5. Name of Part (or Lowest Assembly) Affected
C.1.10.6. Baselines Affected
C.1.10.7. Title of Change
C.1.10.8. Description of Change
C.1.10.9. Need for Change
C.1.10.10. Effect on Interfaces (i.e. Integrated Logistics Support (ILS), Interchangeability and Interoperability)
C.1.10.11. Total Costs/Savings
C.1.10.12. Retrofit Information (if applicable)
C.1.10.13. Technical data describing the change to include any changes or additions to the drawings and EDFP.
C.1.10.14. Applicable testing performed and evaluation of the test results.
C.1.10.15. Applicable updates to TM and training

C.1.11. Warranty Performance: The Contractor shall provide a warranty covering workmanship, materials, design, and compliance with the Physical Configuration Baseline and this SOW.

C.1.12. Contractor Test Authorization: The contractor is authorized to receive DoD test rates at a Major Range Test Facility Base (MRTFB).

C.1.13. Pre-Planned Product Improvement (P3I): The Government anticipates that technological advancements will be made during the contract performance period. Therefore, the Contractor shall incorporate these improvements when directed by the Contracting Officer as technology matures. Improvements may include, but are not limited to, burner improvements, ventilation, manufacturing, weight reduction, material improvements to extend

useful life of system, application of alternative fuel or alternative power technologies, refrigeration technologies or refrigerants, appliance heat exchanger technologies or materials and use of waste heat for various kitchen functions.

C.2. DEVELOPMENTAL PHASE TASKS

C.2.1. Reliability: The Battlefield Kitchen (BK) shall demonstrate a minimum reliability of at least 430 hours Mean Time Between Hardware Essential Function Failure (MTBHEFF) and a Mean Time Between Hardware System Abort (MTBHSA) of at least 730 hours. The contractor shall furnish information (e.g. test data, modeling and simulation data, accelerated life test data, reliability enhancement test data, RAM model based predictions etc.) to demonstrate the BK will meet or exceed the reliability requirement prior to commencement of Government testing. For the purposes of demonstration of these requirements, testing will be conducted (as applicable) consistent with Attachment A-1 Operational Mode Summary and Mission Profile (OMSMP). Also, demonstration of these requirements in testing shall include all components of the system with the exception of the Government furnished generator. A hardware essential function failure is defined as any contractor furnished (or modified) equipment failure that results in the loss of a mission essential function as defined in Attachment A-2 Failure Definition and Scoring Criteria (FDSC). Examples of essential function failures (EFF) include, but are not limited to, events which causes the inability of the BK to perform a cooking method, or provide ventilation, lighting, power generation or mobility functions. A hardware system abort is any hardware EFF or combination of hardware EFFs that prevent the BK from producing a scheduled hot meal. Detailed descriptions and explanations of failure categorization are found in the attached FDSC.

C.2.1.1. The Contractor shall develop, implement, and maintain a comprehensive Reliability, Availability and Maintainability (RAM) Management Program. The RAM management program shall establish a process to achieve the RAM requirements in the BK Purchase Description. The Contractor shall develop a RAM model using appropriate design tools and processes such as: Reliability Block Diagram, Fault Tree Analysis (FTA), Failure Modes and Effects Analysis (FMEA), Design Verification Plan & Report (DVP&Rs), Reliability Centered Maintenance (RCM) concepts, and Accelerated Life Cycle Testing (ALT). Throughout the period of contract performance, the Contractor shall update the RAM model whenever new failure modes are identified or when RAM predictions are impacted by design or manufacturing changes. The RAM model shall reflect the lowest identifiable elements and how elements relate to each other. The RAM model shall be used to identify critical items in the system design and identify additional design or testing activities required to achieve the RAM requirements. The RAM model shall be presented at design reviews with supporting reliability data (test data, modeling and simulation data, accelerated life test data, reliability enhancement test data etc.) to demonstrate that the BK will meet or exceed the reliability requirement prior to commencement of Government testing. The Contractor shall ensure products obtained from vendors meet RAM requirements. The Contractor shall monitor system design to identify, assess, and implement failure analysis and corrective actions and to ensure compliance with RAM requirements.

C.2.2. Safety Assessment Report (SAR) & Health Hazard Analysis Report (HHAR) (CLIN 0001):

C.2.2.1. Safety Assessment Report (SAR): The contractor shall conduct a Safety Assessment of the Battlefield Kitchen in accordance with CDRL B001. The SAR is a comprehensive evaluation of the safety risks to the operator, user, and maintainer and equipment prior to test or operation of the system. The Safety Assessment shall identify, analyze and document all safety features of the system design and potential hazards that may be present and specific procedural controls that should be followed to prevent or minimize hazard exposure.

C.2.2.2. Health Hazard Analysis Report (HHAR): A Health Hazard Assessment Report (HHAR) shall be delivered as an appendix or attachment to the SAR IAW CDRL B001. The HHAR shal demonstrate that the prototype is safe to use, maintain and test/evaluate.

C.2.3. Hazardous Material Management Plan (HMMP) (CLIN 0002): The Contractor shall prepare and deliver a HMMP in accordance with CDRL B002.

C.2.4. Design Modular Burner (CLIN 0003): The Contractor shall design the modular burner to meet the requirements of the Attachment B-2, Performance Purchase Description for Modular Burner, PPD FSE-001.

C.2.5. Fabrication of Modular Burners (CLIN 0004): The contractor shall not proceed with this task without approval of the contracting officer. Approval shall be based on the acceptance of the design presented in the Critical Design Review (C.4.2.2). The contractor shall fabricate Modular Burners in accordance with the approved design in quantities sufficient to meet the delivery requirements of the developmental Battlefield Kitchen Systems, C.2.13 CLIN 0012 only. The Modular Burners required for C.2.13.1, CLIN 0013 shall be fabricated and priced as part of CLIN 0013.

C.2.6. Contractor Developmental Test Plan and Test Performance for Modular Burner (CLIN 0005): The Contractor shall develop and provide a Contractors Developmental Test Plan for the modular burner in accordance with CDRL B003 and Attachment B-2, PPD FSE-001 Modular Burner. The Contractor shall be responsible for coordinating, scheduling, and performing Contractor Developmental Testing utilizing the appropriate facilities, equipment, and procedures.

C.2.7. Contractor Developmental Test Report for Modular Burner (CLIN 0006): The Contractor shall prepare and submit a Contractors Developmental Test Report for the Modular Burner in accordance with CDRL B004.

C.2.8. Design Modular Appliance Suite (CLIN 0007): The Contractor shall design the components of the modular appliance suite to meet the requirements of Attachment B-1 Performance Purchase Description, FSE-002. Only those components required for the BK shall be addressed.

C.2.9. Fabricate Modular Appliance suite (CLIN 0008): The contractor shall not proceed with this task without approval of the contracting officer. Approval shall be based on the acceptance of the design presented in the Critical Design Review (C.4.2.2). The contractor shall fabricate modular appliances suites in accordance with the approved design in quantities sufficient to meet the requirements of Delivery of the developmental Battlefield Kitchen Systems, C.2.13, CLIN 0012 only. The Modular Appliance Suite required for C.2.13.1, CLIN 0013, shall be fabricated and priced as part of CLIN 0013.

C.2.10. Contractor Developmental Test Plan and Test Performance for Modular Appliance Suite (CLIN 0009): The Contractor shall develop and provide a Contractors Developmental Test Plan for the Modular Appliances in accordance with CDRL B003 and Attachment B-1, PPD FSE-002 Modular Appliances. The Contractor shall be responsible for coordinating, scheduling, and performing Contractor Developmental Testing utilizing the appropriate facilities, equipment, and procedures.

C.2.11. Contractor Developmental Test Report for Modular Appliance Suite (CLIN 0010): The Contractor shall prepare and submit a Contractors Developmental Test Report for the Modular Appliances in accordance with CDRL B004.

C.2.12. Design Battlefield Kitchen Platform (CLIN 0011): The Contractor shall design the Battlefield Kitchen developmental platform to meet the requirements of the Attachment B-3, PPD FSE-003 BK System.

C.2.13. Fabricate and Deliver Battlefield Kitchen Systems (CLIN 0012 and 0013): The Contractor shall fabricate and deliver complete Developmental Battlefield Kitchen Systems to the Government (CLIN 0012). The Contractor shall fabricate and deliver additional Complete Developmental BK Systems (CLIN 0013) to the Government in accordance with quantities specified in the delivery order. The Developmental Prototype BK System shall contain all COEI and BII required to provide the BK System with complete functionality. The BK System as delivered shall be fully functional and meet all requirements of the contract. All Contractor testing shall be successfully completed in accordance with the approved Contractor Test Plan. These Systems will be subjected to Government Testing. Each BK System shall integrate the Modular Burners and Modular Appliances designed and fabricated under C.2.5 and C.2.9.

C.2.13.1. Fabricate and Deliver Battlefield Kitchen Systems (CLIN 0013) The Contractor shall fabricate and deliver additional Complete Developmental BK Systems (CLIN 0013) in the quantity specified in the delivery order. It is anticipated that this order (if executed) will result in a maximum of 2 additional prototypes. These additional prototypes shall be replications of the prototypes delivered under CLIN 0012. Any changes, to include improvements, shall only be made with the prior approval of the Government. The Modular Burners and

Appliances necessary to meet this requirement shall be separate from CLIN 0004 and CLIN 0008 and shall be included in the price of CLIN 0013.

C.2.13.2. Generator: The Generator for the developmental prototype shall be the 3kW TQG or the 3 kW STEP Generator if available and will be provided to the Contractor as GFE.

C.2.13.3. Trailer: The trailer used for the developmental prototype shall be the M1061A1 Trailer, NSN 2330-01-207-3533. A sample of this trailer will be provided as GFE. This sample can be used for design purposes only (to include modification if necessary); however, new trailers shall be utilized by the Contractor for the Developmental Prototypes. The Contractor shall be responsible for the purchase of all trailers used for fabrication of prototypes and production units. Previous manufacturers of this trailer have been:

D&S Manufacturing : 301 E Main St Black River Falls, WI 54616, (715) 284-5376
Schutt Industries: 185 Industrial Ave, Clintonville, WI 54929, (715) 823-8025
Utility Tool and Body: P.O. Box 360 Clintonville, WI 54929, (715)-823-3167

C.2.14. Contractor Developmental Test Plan and Test Performance for Battlefield Kitchen System (CLIN 0014): The Contractor shall develop and provide a Contractors Developmental Test Plan for the Battlefield Kitchen System in accordance with CDRL B003 and Attachment B-3, PPD FSE-003. The Contractor shall be responsible for coordinating, scheduling, and performing Contractor Developmental Testing utilizing the appropriate facilities, equipment, and procedures.

C.2.15. Contractor Developmental Test Report for Battlefield Kitchen System (CLIN 0015): The Contractor shall prepare and submit a Contractors Developmental Test Report for the Battlefield Kitchen System in accordance with CDRL B004.

C.2.16. System Support Package Hardware (CLIN 0016): The Contractor shall deliver a complete set of the hardware items contained on the System Support Package List (CDRL B005). Hardware components from the kit shall be used during the Production Prove-out Test, Logistics Demonstration, Limited User Test, and IOT as required replacements for failed components. The kit shall be refurbished after each test to replace used components. Changes to component design will also warrant a replacement of that component in the system support package. Adjustments to the System Support Package List shall also warrant the equivalent adjustment to the System Support Package. Upon completion of the developmental phase of this contract, the Contractor shall replace any shortages in the System Support Package and the Government shall retain the System Support Package Hardware.

C.2.17. Contractor Test Support for Government Developmental Testing (CLIN 0017): The Contractor shall provide support during Government tests, specifically, the Production Prove-out Test (PPT), Limited User Test (LUT), and Logistics Demo (LD).

C.2.17.1. PPT Support: PPT Support shall include initial preparation of equipment for test, providing training to test personnel, on call support for maintenance and repairs, as well as addressing other technical issues as needed for the duration of government testing.

C.2.17.2. LUT Support: The Contractor shall provide LUT support on a daily basis for up to 10 days to include but not limited to training operators and maintainers, tools, and the appropriate engineering, technical, and logistics support personnel. During the conduct of the LUT, the Contractor shall provide all required on-site technical, engineering, and logistics support, to include on-site mark up of any BK CDRL deliverable as changes occur. The Contractor shall repair any BK failures or system technical problems that occur during the conduct of the event.

C.2.17.3. Log Demo (LD) Support: The Contractor shall provide Log Demo support on a daily basis for up to 10 days to include but not limited to training operators and maintainers, tools, and the appropriate engineering, technical, and logistics support personnel. During the conduct of the Log Demo, the Contractor shall provide all required on-site technical, engineering, and logistics support, to include on-site mark up of any BK CDRL deliverable as changes occur. The Contractor shall repair any BK failures or system technical problems that occur during the conduct of the event.

C.2.18. Post Test Actions: Post Test Actions: During the development phase, the Contractor shall correct any and all design deficiencies identified during Government testing of BK systems and refurbish hardware if required for retest or subsequently scheduled test. Developmental testing will include Production Prove-out Test, Limited User Test, and Logistics Demonstration. For Government administered testing, the Contractor shall be responsible for shipping the item(s) to the test site. After testing, the Government shall be responsible for shipping the items to the Contractors facility if refurbishment of hardware is required. If refurbishment is not required and Government testing is complete, the Government shall take possession of the BK prototypes. If mutually agreed upon, One BK prototype may be returned to the Contractors facility at Government expense after completion of all developmental testing and remain at the Contractors facility until the completion of C.3.2. Fabrication of First Article Test units (CLIN 1002). After completion of C.3.2, the Contractor shall be responsible for shipping all developmental prototype items to the Government.

C.2.18.1. Non Design Related Repairs (CLIN 0018): Damage to the BK prototypes that may affect the BKs performance but not considered a design deficiency or incurred through no fault of the Contractor (e.g. accidents or misuse) may require repair by the Contractor prior to delivery to the Government for subsequent testing. These repairs will be optional and priced at the time of requirement.

C.2.19. LRIP Approval: The Contractor shall not proceed to production without written approval from the Government. Upon successful completion of developmental tasks and acceptable resolution of all outstanding design issues, and a successful Production Readiness Review the Government will approve the Contractor to proceed with LRIP. This will mark the end of the Developmental phase of the BK and the beginning of Production. At this point the Physical Configuration Baseline will be frozen and any subsequent changes shall require an ECP submitted to and approved by the Government (C.1.10.).

C.3. PRODUCTION PHASE

C.3.1. First Article Test Plan (CLIN 1001): The Contractor shall develop and provide a First Article Test Plan in accordance with CDRL B008. The First Article Test Plan shall outline the testing required to demonstrate that the production units meet the stated performance requirements. The Contractor shall be responsible for coordinating and scheduling all First Article Testing utilizing the appropriate facilities, equipment, and procedures. The First Article Test Plan shall include a comprehensive First Article Test schedule that outlines the location, dates, duration, and identifies all testing resources required.

C.3.2. First Article Test Units (CLIN 1002): The Contractor shall fabricate First Article Test Units in accordance with the finalized frozen configuration. These units shall be evaluated in the First Article Test in accordance with the First Article Test Plan developed under C.2.19. (CLIN 1001). The First Article units shall be completely representative of production units including, but not limited to, design, manufacturing processes, sources of supply, and quality assurance processes. Production of First Article units shall include all the non-recurring tasks associated with design and initiation of production. Non-recurring tasks to initiate BK production shall include developing manufacturing processes and instructions; developing quality assurance processes and documents; establishing viable suppliers; set up of equipment, tools, and fixtures; qualification of welders; personnel training; and all other tasks required to establish a production line that delivers compliant systems. Prior to delivery of the First Article Units to the Government, the Contractor shall be required, at no extra cost to the Government, to replace or repair to original condition any units or subcomponents that sustained any damage or were otherwise noncompliant during First Article Test. Normal wear and tear resulting from the testing shall be acceptable, however, damage resulting from material deficiencies or inadequate design must be corrected on the First Article Test unit by the Contractor at his/her own expense. Changes to the FAT units resulting from material deficiencies or inadequate design shall be incorporated into the design through the ECP process to include updating the FAT units. The First Article units will be accepted by the Government after First Article Test and IOT (See Section 3.2.2 results) demonstrate that the First Article Test systems comply with the requirements and after the Government has accepted the First Article Test Report.

C.3.3. First Article Test: The Contractor shall be responsible for all actions necessary to complete the First Article Test including transportation of equipment and test items to and from test sites. The Contractor shall administer and

perform a First Article Test in accordance with the Attachments B-1, B-2, B-3, and the Government approved test plan (CLIN 1001). First Article Test is designed to verify the conformance of BK Production Units to this Statement of Work and the requirements and verifications of the PPDs contained in Attachment B. The Contractor shall conduct all of the verifications specified in Section 4 of the PPDs for the BK System, Appliances, and Burner. The Contractor shall provide all technical support to the First Article Test, to include repairing any damage or problems that occur during testing and having personnel and parts available to service systems as required. Failed components shall be replaced by the Contractor at no additional charge to the Government. The Contractor shall perform all maintenance and repairs during testing at no additional cost to the Government. Maintenance shall be conducted in accordance with the procedures outlined in the Contractor supplied technical publications and technical manuals. During First Article Test, the Contractor's personnel shall perform all unit and direct support level maintenance as required.

C.3.3.1. The Contractor may utilize all FAT units as needed to complete all verifications within the required schedule. The Contractor shall be responsible for coordinating and scheduling all First Article Testing and for the utilization of the appropriate facilities, equipment, personnel, and procedures. The Contractor may use Government test facilities, on a non-interference basis, for performance of some or all of the required First Article Test. If utilized, the Contractor shall provide reimbursement directly to the Government testing activity (e.g., Aberdeen Test Center) for all direct and indirect costs incurred related to the test conduct. Throughout First Article Test conduct, the Government requires immediate and electronic access (e.g., VISION Digital Library at Aberdeen Test Center or other means) to test related information, including the test plans, test schedule, test results, and each Test Incident Report (TIR). The Government has the right to attend any portion or all of the First Article Test. The Contractor, at no additional cost to the Government, shall correct all issues to include non-conformances to requirements or specifications that are identified as a result of the conduct of the First Article Test. If adequately demonstrated in prior testing, the Government reserves the right to waive portions of the First Article Test. Any testing waived by the Government shall result in a direct reduction in the First Article Test cost. The Contractor shall report on the First Article Test results, analyze any failures, repair any damage, provide corrective action for failures, submit ECPs as part of the configuration control as required, and retain one First Article unit as manufacturing samples during execution of BK production. The Contractor shall restore the First Article unit to original condition plus correct nonconformances identified in testing, and deliver these units last on the contract, unless otherwise directed by the Government. Prior to final delivery of the FAT units, the contractor shall incorporate any and all approved Engineering Changes to the units. The remainder of the First Article Units shall be delivered to the Government to participate in the IOT (See C.3.2.1).

C.3.3.2. Initial Operational Test. The Initial Operational Test (IOT) is a Government administered test performed after completion of the Contractor administered FAT. The IOT for the BK shall be performed using the FAT units that have been delivered to the Government under C.3.2 (CLIN 1002). After completion of the First Article Test and refurbishment of the FAT unit in accordance with C.3.2, two of the FAT units shall be shipped to the Government for the performance of the Government administered Initial Operational Test (IOT).

C.3.4. First Article Test Report (CLIN 1003): The Contractor is required to develop and submit a comprehensive First Article Test Report for all of the tests that were conducted during the First Article Test in accordance with CDRL B009.

C.3.5. Contractor Test Support for Initial Operational Testing (IOT) (CLIN 1004): The Contractor is responsible to provide IOT support on a daily basis for up to 10 days to include but not limited to training operators and maintainers, tools, and the appropriate engineering, technical, and logistics support personnel. During the conduct of the IOT, the Contractor shall provide all required on-site technical, engineering, and logistics support. The Contractor shall be responsible for repair of any BK failures or system technical problems that occur during the conduct of the event.

C.3.6. BK Production Units (CLINs 1005, 2001, 3001, 4001, and 5001): Production other than FAT will not commence until the Government has determined that the contractor has successfully passed FAT. The Contractor shall fabricate BK production units conforming to all the requirements of this contract and to the latest configuration of the BK and the BK subsystems. Contractor developed technical manuals are a required component of the BK and no delivery of BK production shall be accepted without the required, acceptable technical manuals.

C.3.7. BK Authorized Stockage List Kits (CLINs 1006, 2002, 3002, 4002, and 5002): The Contractor shall provide a complete BK ASL kit with each BK fielded. The ASL kit will be comprised of the items on the Authorized Stockage List (ASL). The ASL will consist of select items from the Provisioning Parts List. The purpose of the ASL kit will be to supplement the BK System with spare parts most likely to require replacement during the first year of deployment. The ASL will be determined within 30 days after the completion of the Production Prove-out Test. The ASL will be generated by the Government with Contractor Input.

C.3.8. Shipping (CLINs 0087, 1007, 2003, 3003, 4003, and 5003): The contractor shall ship BK components as required for the developmental and production phases of this effort. Shipping shall include: Shipping of complete systems and support system and components to test sites, shipping complete systems and ASL to fielding sites, and other shipping as required. CLIN 0087 shall be used to cover all shipping charges during the developmental phase. CLINS 1007, 2003, 3003, 4003, and 5003 shall be used to cover shipping charges during option years 1 through 5 respectively.

C.3.9. Contractor Support of Fielding (CLINs 1008, 2004, 3004, 4004, and 5004): The contactor shall provide support to correct issues due to manufacturing or shortages with the Battlefield Kitchens or ASL at the time of fielding. Support will be in the form of providing replacement components, and at the Governments discretion, installing those components, for items found defective or missing during government deprocessing.

C.3.10. Long Term Storage of BK Systems (CLINs 1009, 2005, 3005, 4005, and 5005): These CLINs will be ordered if storage duration of BK goes beyond the 90 calendar days furnished under CLINs 1005, 2001, 3001, 4001 or 5001. The Contractor shall provide storage capacity for up to 200 Government accepted BK at an indoor and secure storage location. Long Term Storage shall include storage plus all other activities associated with storage including, but not limited to, materiel handling, recordkeeping, security, cleaning, and refurbishing. The contractor shall be fully liable for any damage to, degradation of, or loss of BK during storage and storage activities. BK are required to be stored in an inside location, with the unauthorized access to systems prohibited. BK shall enter and exit Contractor storage on a First In - First Out basis, with a minimal amount of material handling activities occurring during the storage period. The Government will notify the Contractor that BK are required at a fielding location, which shall initiate the process of removing the required number of systems from storage. All BKs shall be inspected and cleaned and refurbished as needed to obtain like-new condition prior to being shipped to the Government. The Contractor shall maintain a system log by serial number that includes, but is not limited to, date accepted by Government, date of entry into storage, date of removal from storage, fielding destination, and details of all activities completed on the system during the Contractor storage period. Any nonconformance of a production unit removed from long term storage shall be corrected by the contractor at no additional cost to the Government utilizing Contractor personnel and Contractor supplies equipment and materials. The unit of measure for long-term storage is “Each” where “Each” is defined as the total price to store one BK for one month. If ordered, payment for long-term storage will be based on the total inventory in storage at the end of each month. *FOR EXAMPLE ONLY*, if the CLIN price is $100 and the contractor maintains twenty-five (25) systems in long-term storage on the last day of the month, the total price for the CLIN (for that month) would be $2,500. If, in the next month, ten systems are shipped, while five more are added to long-term storage, the end-of-month inventory would be twenty (20) systems, and the contractor would be entitled to an additional $2,000 under the long-term storage CLIN.

C.3.11. Per Unit Production Cost Breakdown Report (CLINs 1010, 2006, 3006, 4006, and 5006): At the end of each production year the Contractor shall submit documentation detailing the actual production costs of the BK in accordance with CDRL C002.

C.3.12. Modular Appliances and Accessories (CLINs 1011, 2007, 3007, 4007, and 5007): The contractor shall fabricate and deliver modular appliances and accessories as per delivery order in accordance with CLIN 1011, 2007, 3007, 4007, and 5007.

Modular Burner
Modular Oven with Burner
Modular Griddle with Burner
Modular Cook top with Burner

Modular Steamer with Burner
Modular Tilt Skillet with Burner
Modular Refrigerator
Modular Hand Wash Sink
Components for dismounted operation

C.3.13. Initial Spares per Proposed Spare Parts List (CLIN 1012): The Contractor shall deliver to the Government a kit of initial spares for all items on the Proposed Spare Parts List (See C.6.1). The quantity of each required spare part shall be sufficient to maintain 100 BKs for two years.

C.4. MEETINGS and REVIEWS:

C.4.1. Post Award Conference: The Contractor shall coordinate, schedule, and conduct a Post Award Conference with the Government within 21 calendar days of Contract award. The purpose of the Conference shall be discussion of project orientation, transfer of background information, to provide a mutual understanding of the technical requirements/contractual requirements and the Quality Assurance provisions of the Contract. The Government can address any questions or issues with regards to technical matters. The Contractor shall describe to the Government the management of all aspects of the program. The Contractor shall ensure that all personnel and subcontractors that are required for an adequate discussion of the contract effort are in attendance. Scheduling of the Post Award Conference shall not change the delivery schedule of the contract. The Contractor shall be prepared to:

C.4.1.1. Conduct a review of the system requirements to ensure that they have been completely and properly identified and that there is a mutual understanding of the system requirements between the Government and the Contractor.

C.4.1.2. Make available to Government representatives the documentation for production planning, manufacturing methods and controls, material and manpower resource allocation, production engineering, quality control and assurance program, production management organization, and management of major subcontractors.

C.4.1.3. Review the overall plan, tasks, and schedule required to execute the BK program within the schedule constraints set forth by the Contract/Government.

C.4.1.4. Document the Post Award Conference meeting minutes and distribute the minutes via e-mail to all Post Award Conference attendees no later than 1 week from the end of the Post Award Conference.

C.4.1.5. Conduct a tour of all facilities associated with the BK effort.

C.4.2. Design Review Meetings and Information Packages (CLIN 0019): The contractor shall conduct a minimum of two design reviews (Preliminary and Critical) on each component of the BK System (appliances, burner, and BK platform) with the Government. Additional reviews shall be scheduled as needed. The design review schedule shall be proposed by the contractor and mutually agreed upon by Government. The contractor shall propose design review dates that support its Program Master Schedule (See C.1.6.) for meeting delivery dates of the contract. A minimum of 14 calendar days after each review shall be given to the Government for providing comments and concerns regarding the design. Government concerns and comments shall be resolved as part of the Contractor's Design Review Information Packages (CLIN 0019) and shall be submitted to the Government in accordance with CDRL B006.

C.4.2.1. Preliminary Design Review (PDR): The purpose of the Preliminary Design Review is to ensure that the design and basic system architecture are sufficiently complete to demonstrate a technical confidence that the performance requirements will be satisfied within cost and schedule goals. At the time of the Preliminary Design Review, the contractor shall have identified at least the system functions and major component functions needed to meet the requirements of the PPDs and have applied performance requirements to each function. The contractor shall also present details of its findings thus far on the effectiveness of component and subcomponent hardware and software items in meeting the functional and performance requirements. The presentation format and content will be of the Contractors choosing, but must be sufficient to support the purpose of the PDR. The intent is for separate

PDRs for the Burner, Appliances, and BK platform; however, the Contractor or Government may recommend combining the PDRs. A combination PDR will be a mutual decision.

C.4.2.2. Critical Design Review (CDR): The purpose of the Critical Design Review is to confirm that the system design is stable and is expected to meet system performance requirements, confirms the system is on track to achieve cost goals as evidenced by the detailed design documentation, and establishes the system's initial product baseline. A successful Critical Design Review will provide the Contractor authority to proceed with developmental component and/or system fabrication. The presentation format and content will be of the Contractors choosing, but must be sufficient to support the purpose of the CDR. The intent is for separate CDRs for the Burner, Appliances, and BK platform; however, the Contractor or Government may recommend combining the CDRs. A combination CDR will be a mutual decision.

C.4.3. Production Readiness Reviews (PRR): Two production readiness reviews shall be conducted. The first shall be conducted 30 days prior to initiation of fabrication of the First Article Test Units. The purpose of this review will be to verify that all lessons learned to date have been incorporated into the design of the BK and that the Contractor is ready to begin fabrication of the First Article Units. The second Production Readiness Review shall be conducted after all changes made to correct deficiencies uncovered during FAT and IOT have been incorporated and after Government acceptance of FAT Report. The Contractor shall coordinate the scheduling of the PRR with the Government. The Contractor shall provide a minimum of 21 days advance notice for scheduling. The purpose of this review shall be to verify that the lessons learned from First Article Test have been incorporated into the design and technical data, update quality assurance processes, and to demonstrate the Contractor's readiness to produce the BK. The review will focus on First Article Test results, resolution of any required changes, readiness of the logistics deliverables, Quality Assurance processes, and any additional equipment procurement that is required. The exact date, location, and administrative arrangements for this meeting shall be made through communication between the Contractor and the Government. The presentation format and content will be of the Contractors choosing, but must be sufficient to support the purpose of the PRR.

C.4.4. In-Process Reviews: In-Process Reviews (IPR) shall be conducted as a part of program status monitoring and control. Technical Publication, Provisioning, Training, technical/engineering, quality assurance, and other necessary IPRs shall be conducted to clarify requirements, assure conformance to contract requirements, provide guidance, review deliverable status, and to help ensure deliverables are prepared in a manner that will satisfy contractual requirements. The Contractor may request an IPR when Government assistance or clarification is desired. The Government may require IPRs irrespective of the program schedule and shall notify the Contractor of a Government required IPR at least 10 calendar days prior to the event. Discrepancies and/or deficiencies identified as the result of an IPR shall be corrected by the Contractor prior to the next IPR. The schedule for IPRs will be flexible and occur on an as needed basis as program issues dictate.

C.4.5. Weekly Teleconference Meetings and Minutes (CLIN 0020): A Weekly Teleconference Meeting shall be conducted by the BK Integrated Product Team (IPT) of Government and Contractor personnel to address technical progress, cost, schedule, contractual, and other programmatic issues or concerns. The Contractor shall provide a weekly email agenda to the designated Contracting Officer's Representative and Contracting Officer at least one day prior to the conduct of scheduled weekly meetings and submit updated minutes and action items to the Government within 48 hours of the conclusion of the meeting. The updates shall include, but are not limited to, issues involving design, development, fabrication, testing, cost, funding, quality control, production, task tracking, and scheduling. Updates shall identify any programmatic problems that may have arisen and shall identify proposed solutions. The minutes shall include the discussion from the Weekly Teleconference Meeting between the Government, the Contractor, and any relevant subcontractor personnel. The Contractor shall submit minutes to the weekly meeting in accordance with CDRL B007

C.5. Technical Data Package and License Agreement for Modular Burner, Modular Appliances, and BK Platform (CLINs 0021, 0022, 0023, 0024, 0025, and 0026):

C.5.1. Technical Data Package (CLINs 0021, 0023 and 0025): The contractor shall provide a complete production level TDP IAW MIL-STD-31000 and CDRL C001. The TDP shall include detailed design data for all BK components including commercial items and modified commercial items (see DFARS 227.7102-1(a)(2). In addition

to the delivery schedule in CDRL C001, the Contractor shall provide an updated TDP at the start of production, the first month of each option year, and during the last month of production of BK on this contract. At the time of each submission, the TDP shall reflect the most current version of the BK platform, modular appliances, and appliance burner with all changes to the system since the last submittal incorporated.

C.5.2. License Agreement (CLINs 0022, 0024 and 0026): If the offeror prices the optional license agreement CLINS and the Government issues a Delivery Order for them, the contractor shall deliver a paid up, royalty free license that covers all of the items in the TDP as prescribed by Military Standard MIL-STD-31000.The License shall be adequate for Government Purpose License Rights (GPLR) to support a competitive reproduction and manufacture of the system and spare/repair parts by a competent manufacturing source. The License Agreement shall cover the product and the manufacture thereof so as to permit manufacturing and use of the product by or on behalf of the U.S. Government for a U.S. Government Purpose. Note, this may also include product formulation, composition, and/or manufacturing information/licensing rights from third parties. It is expected that this proposed License Agreement will enable future competitive procurement from technically competent manufacturers after the conclusion of this contract and any exercised options.

C.6. INTEGRATED LOGISTICS SUPPORT:

C.6.1. The Contractor shall prepare and deliver Provisioning Data in accordance with the provisioning statement of work, see Attachment C-1.

C.6.2. The Contractor shall prepare and deliver Failure Modes Effect Criticality Analysis (FMECA) Data in accordance with the FMECA statement of work, Attachment, C-2.

C.6.3. The Contractor shall prepare and deliver the Technical Manual and National Maintenance Work Requirement (NMWR) in accordance with the 13&P and NMWR statement of work, see Atachment C-3, C-8, and C-9

C.6.4. The Contractor shall prepare and deliver training materials in accordance with the training statement of work, Attachment C-4

C.6.5. The Contractor shall prepare and deliver an interactive DVD in accordance with the IMI DVD statement of work, see Attachment C-5

C.6.6. The Contractor shall prepare and deliver Packaging Data in accordance with the packaging statement of work, see Attachment C-6

C.6.7. The Contractor shall prepare and deliver a Care of Supply in Storage (COSIS) plan in accordance with the COSIS statement of work, see Attachment C-7.

C.7. ANTI-TERRORISM (AT) AND OPERATIONS SECURITY (OPSEC)

C.7.1. AT Level 1 Training: All contractor employees, to include subcontractor employees, requiring access to Army installations, facilities and controlled access areas shall complete AT Level I awareness training within 30 calendar days after contract start date or effective date of incorporation of this requirement into the contract, whichever is applicable. The contractor shall submit certificates of completion for each affected contractor employee and subcontractor employee to the COR or to the contracting officer, if a COR is not assigned, within 30 calendar days after completion of training by all employees and subcontractor personnel. AT level I awareness training is available at the following website: http://jko.jten.mil.

C.7.2. iWATCH Training: This standard language is for contractor employees with an area of performance within an Army controlled installation, facility or area. The contractor and all associated subcontractors shall brief all employees on the local iWATCH program (training standards provided by the requiring activity ATO). This local developed training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the CO. This training shall be completed within 30 calendar days of contract award and

within 30 calendar days of new employees commencing performance with the results reported to the COR NLT 30 calendar days after contract award.

C.7.3. Access and general protection/security policy and procedures. Contractor and all associated subcontractors employees shall provide all information required for background checks to meet installation access requirements to be accomplished by installation Provost Marshal Office, Director of Emergency Services or Security Office. Contractor workforce must comply with all personal identity verification requirements (FAR clause 52.204-9, Personal Identity Verification of Contractor Personnel) as directed by DoD, HQDA and/or local policy. In addition to the changes otherwise authorized by the changes clause of this contract, should the Force Protection Condition (FPCON) at any individual facility or installation change, the Government may require changes in contractor security matters or processes.

C.7.4. Access to DoD facility or installation. Contractor and all associated subcontractor employees shall comply with adjudication standards and processes using the National Crime Information Center Interstate Identification Index (NCICIII) and Terrorist Screening Database (TSDB) (Army Directive 2014-05/AR 190-13), applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative), or, at OCONUS locations, in accordance with status of forces agreements and other theater regulations.

SECTION F - DELIVERIES OR PERFORMANCE

The following have been modified:
PROGRAM SCHEDULE

See Attachment 0003 BK Program Schedule/Planned Delivery Schedule.

52.211-9 DESIRED AND REQUIRED TIME OF DELIVERY (JUN 1997)

(a) The Government desires delivery to be made according to the following schedule:

DESIRED DELIVERY SCHEDULE

ITEM NO.	QUANTITIY	DELIVERY SCHEDULE
0001	1 each	In accordance with CDRL B001
0002	1 each	In accordance with CDRL B002
0003	1 each	6 months after award
0004	24 each	6 months after CLIN 0003
0005	1 each	In accordance with CDRL B003
0006	1 each	In accordance with CDRL B004
0007	1 each	8 months after award
0008	3 each	8 months after CLIN 0007
0009	1 each	In accordance with CDRL B003
0010	1 each	In accordance with CDRL B004
0011	1 each	10 months after Delivery Order
0012	3 each	10 months after CLIN 0011
0013	As Required	10 months after Delivery Order
0014	1 each	In accordance with CDRL B003
0015	1 each	In accordance with CDRL B004
0016	1 each	In accordance with CDRL B005
0017	As Required	41 months after award

0018	As Required	46 months after award
0019	2 each	In accordance with CDRL B006
0020	As Required	In accordance with CDRL B007
0021	1 each	In accordance with CDRL C001
0022	1 each	Concurrent with CLIN 0021
0023	1 each	In accordance with CDRL C001
0024	1 each	Concurrent with CLIN 0023
0025	1 each	In accordance with CDRL C001
0026	1 each	Concurrent with CLIN 0025
0027	1 each	In accordance with CDRL A001
0028	1 each	In accordance with CDRL A002
0029	1 each	In accordance with CDRL A003
0030	1 each	In accordance with CDRL A004
0031	1 each	In accordance with CDRL A005
0032	1 each	In accordance with CDRL A006
0033	1 each	In accordance with CDRL A007
0034	1 each	In accordance with CDRL A008
0035	1 each	In accordance with CDRL A009
0036	1 each	In accordance with CDRL A010
0037	1 each	In accordance with CDRL A011
0038	1 each	In accordance with CDRL A012
0039	1 each	In accordance with CDRL A013
0040	1 each	In accordance with CDRL A014
0041	1 each	In accordance with CDRL A015
0042	1 each	In accordance with CDRL A016
0043	1 each	In accordance with CDRL A017
0044	1 each	In accordance with CDRL A018
0045	1 each	In accordance with CDRL A019
0046	1 each	In accordance with CDRL A020
0047	1 each	In accordance with CDRL A021
0048	1 each	In accordance with CDRL A022
0049	1 each	In accordance with CDRL A023
0050	1 each	In accordance with CDRL A024
0051	1 each	In accordance with CDRL A025
0052	1 each	In accordance with CDRL A026
0053	1 each	In accordance with CDRL A027
0054	1 each	In accordance with CDRL A028
0055	1 each	In accordance with CDRL A029
0056	1 each	In accordance with CDRL A030
0057	1 each	In accordance with CDRL A031
0058	1 each	In accordance with CDRL A032
0059	1 each	In accordance with CDRL A033
0060	1 each	In accordance with CDRL A034
0061	1 each	In accordance with CDRL A035
0062	1 each	In accordance with CDRL A036
0063	1 each	In accordance with CDRL A037
0064	1 each	In accordance with CDRL A038
0065	1 each	In accordance with CDRL A039
0066	1 each	In accordance with CDRL A040
0067	1 each	In accordance with CDRL A041
0068	1 each	In accordance with CDRL A042
0069	1 each	In accordance with CDRL A043
0070	1 each	In accordance with CDRL A044
0071	1 each	In accordance with CDRL A045
0072	1 each	In accordance with CDRL A046

0073	1 each	In accordance with CDRL A047
0074	1 each	In accordance with CDRL A048
0075	1 each	In accordance with CDRL A049
0076	1 each	In accordance with CDRL A050
0077	1 each	In accordance with CDRL A051
0078	1 each	In accordance with CDRL A052
0079	1 each	In accordance with CDRL A053
0080	1 each	In accordance with CDRL A054
0081	1 each	In accordance with CDRL A055
0082	1 each	In accordance with CDRL A056
0083	1 each	In accordance with CDRL A057
0084	1 each	In accordance with CDRL A058
0085	1 each	In accordance with CDRL A059
0086	1 each	In accordance with CDRL A060
1001	1 each	In accordance with CDRL B008
1002	3 each	180 days from issuance of Delivery Order
1003	1 each	In accordance with CDRL B009
1004	1 each	As required to support IOT
1005	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
1006	1-200	Concurrent with delivery of CLIN 1001
1007	As Required	TBD (shipping)
1008	As Required	TBD (Contractor support to fielding)
1009	As Required	TBD (long term storage)
1010	1 each	In accordance with CDRL C002
1011	As Required	Within 90 days after issuance of Delivery Order
1012	1 each	Within 120 day after issuance of Delivery Order
2001	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
2002	1-200	Concurrent with Delivery of CLIN 2001
2003	As Required	TBD (shipping)
2004	As Required	TBD (Contractor support to fielding)
2005	As Required	TBD (long term storage)
2006	1 each	In accordance with CDRL C002
2007	As Required	Within 90 days after issuance of Delivery Order
3001	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
3002	1-200	Concurrent with Delivery of CLIN 3001
3003	As Required	TBD (shipping)
3004	As Required	TBD (Contractor support to fielding)
3005	As Required	TBD (long term storage)
3006	1 each	In accordance with CDRL C002
3007	As Required	Within 90 days after issuance of Delivery Order
4001	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
4002	1-200	Concurrent with Delivery of CLIN 4001
4003	As Required	TBD (shipping)
4004	As Required	TBD (Contractor support to fielding)
4005	As Required	TBD (long term storage)
4006	1 each	In accordance with CDRL C002
4007	As Required	Within 90 days after issuance of

		Delivery Order
5001	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
5002	1-200	Concurrent with Delivery of CLIN 5001
5003	As Required	TBD (shipping)
5004	As Required	TBD (Contractor support to fielding)
5005	As Required	TBD (long term storage)
5006	1 each	In accordance with CDRL C002
5007	As Required	Within 90 days after issuance of Delivery Order

If the offeror is unable to meet the desired delivery schedule, it may, without prejudicing evaluation of its offer, propose a delivery schedule below. However, the offeror's proposed delivery schedule must not extend the delivery period beyond the time for delivery in the Government's schedule as follows:

REQUIRED DELIVERY SCHEDULE

ITEM NO.	QUANTITIY	DELIVERY SCHEDULE
0001	1 each	In accordance with CDRL B001
0002	1 each	In accordance with CDRL B002
0003	1 each	8 months after award
0004	24 each	8 months after 0003
0005	1 each	In accordance with CDRL B003
0006	1 each	In accordance with CDRL B004
0007	1 each	12 months after award
0008	3 each	10 months after 0007
0009	1 each	In accordance with CDRL B003
0010	1 each	In accordance with CDRL B004
0011	1 each	12 months after award of delivery order
0012	3 each	12 months after CLIN 0011
0013	As Required	12 Months after delivery order
0014	1 each	In accordance with CDRL B003
0015	1 each	In accordance with CDRL B004
0016	1 each	In accordance with CDRL B005
0017	As Required	41 months after award
0018	As Required	46 months after award
0019	2 each	In accordance with CDRL B006
0020	As Required	In accordance with CDRL B007
0021	1 each	In accordance with CDRL C001
0022	1 each	Concurrent with CLIN 0021
0023	1 each	In accordance with CDRL C001
0024	1 each	Concurrent with CLIN 0023
0025	1 each	In accordance with CDRL C001
0026	1 each	Concurrent with CLIN 0025
0027	1 each	In accordance with CDRL A001
0028	1 each	In accordance with CDRL A002
0029	1 each	In accordance with CDRL A003
0030	1 each	In accordance with CDRL A004
0031	1 each	In accordance with CDRL A005
0032	1 each	In accordance with CDRL A006
0033	1 each	In accordance with CDRL A007
0034	1 each	In accordance with CDRL A008
0035	1 each	In accordance with CDRL A009
0036	1 each	In accordance with CDRL A010
0037	1 each	In accordance with CDRL A011
0038	1 each	In accordance with CDRL A012
0039	1 each	In accordance with CDRL A013

0040	1 each	In accordance with CDRL A014
0041	1 each	In accordance with CDRL A015
0042	1 each	In accordance with CDRL A016
0043	1 each	In accordance with CDRL A017
0044	1 each	In accordance with CDRL A018
0045	1 each	In accordance with CDRL A019
0046	1 each	In accordance with CDRL A020
0047	1 each	In accordance with CDRL A021
0048	1 each	In accordance with CDRL A022
0049	1 each	In accordance with CDRL A023
0050	1 each	In accordance with CDRL A024
0051	1 each	In accordance with CDRL A025
0052	1 each	In accordance with CDRL A026
0053	1 each	In accordance with CDRL A027
0054	1 each	In accordance with CDRL A028
0055	1 each	In accordance with CDRL A029
0056	1 each	In accordance with CDRL A030
0057	1 each	In accordance with CDRL A031
0058	1 each	In accordance with CDRL A032
0059	1 each	In accordance with CDRL A033
0060	1 each	In accordance with CDRL A034
0061	1 each	In accordance with CDRL A035
0062	1 each	In accordance with CDRL A036
0063	1 each	In accordance with CDRL A037
0064	1 each	In accordance with CDRL A038
0065	1 each	In accordance with CDRL A039
0066	1 each	In accordance with CDRL A040
0067	1 each	In accordance with CDRL A041
0068	1 each	In accordance with CDRL A042
0069	1 each	In accordance with CDRL A043
0070	1 each	In accordance with CDRL A044
0071	1 each	In accordance with CDRL A045
0072	1 each	In accordance with CDRL A046
0073	1 each	In accordance with CDRL A047
0074	1 each	In accordance with CDRL A048
0075	1 each	In accordance with CDRL A049
0076	1 each	In accordance with CDRL A050
0077	1 each	In accordance with CDRL A051
0078	1 each	In accordance with CDRL A052
0079	1 each	In accordance with CDRL A053
0080	1 each	In accordance with CDRL A054
0081	1 each	In accordance with CDRL A055
0082	1 each	In accordance with CDRL A056
0083	1 each	In accordance with CDRL A057
0084	1 each	In accordance with CDRL A058
0085	1 each	In accordance with CDRL A059
0086	1 each	In accordance with CDRL A060
1001	1 each	In accordance with CDRL B008
1002	3 each	180 days from issuance of Delivery Order
1003	1 each	In accordance with CDRL B009
1004	1 each	As required to support IOT
1005	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
1006	1-200	Concurrent with delivery of CLIN 1001
1007	As Required	TBD (shipping)

1008	As Required	TBD (Contractor support to fielding)
1009	As Required	TBD (long term storage)
1010	1 each	In accordance with CDRL C002
1011	As Required	Within 90 days after issuance of Delivery Order
1012	1 each	Within 120 day after issuance of Delivery Order
2001	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
2002	1-200	Concurrent with Delivery of CLIN 2001
2003	As Required	TBD (shipping)
2004	As Required	TBD (Contractor support to fielding)
2005	As Required	TBD (long term storage)
2006	1 each	In accordance with CDRL C002
2007	As Required	Within 90 days after issuance of Delivery Order
3001	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
3002	1-200	Concurrent with Delivery of CLIN 3001
3003	As Required	TBD (shipping)
3004	As Required	TBD (Contractor support to fielding)
3005	As Required	TBD (long term storage)
3006	1 each	In accordance with CDRL C002
3007	As Required	Within 90 days after issuance of Delivery Order
4001	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
4002	1-200	Concurrent with Delivery of CLIN 4001
4003	As Required	TBD (shipping)
4004	As Required	TBD (Contractor support to fielding)
4005	As Required	TBD (long term storage)
4006	1 each	In accordance with CDRL C002
4007	As Required	Within 90 days after issuance of Delivery Order
5001	1-200	5 each within 90 days after issuance of Delivery Order and 6/month thereafter
5002	1-200	Concurrent with Delivery of CLIN 5001
5003	As Required	TBD (shipping)
5004	As Required	TBD (Contractor support to fielding)
5005	As Required	TBD (long term storage)
5006	1 each	In accordance with CDRL C002
5007	As Required	Within 90 days after issuance of Delivery Order

Offers that propose delivery of a quantity under such terms or conditions that delivery will not clearly fall within the applicable required delivery period specified above, will be considered nonresponsive and rejected. If the offeror proposes no other delivery schedule, the desired delivery schedule above will apply.

OFFEROR'S PROPOSED DELIVERY SCHEDULE

ITEM NO.	QUANTITIY	DELIVERY SCHEDULE
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0002		
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(b) Attention is directed to the Contract Award provision of the solicitation that provides that a written award or acceptance of offer mailed or otherwise furnished to the successful offeror results in a binding contract. The Government will mail or otherwise furnish to the offeror an award or notice of award not later than the day the award is dated. Therefore, the offeror shall compute the time available for performance beginning with the actual date of award, rather than the date the written notice of award is received from the Contracting Officer through the ordinary mails. However, the Government will evaluate an offer that proposes delivery based on the Contractor's date of receipt of the contract or notice of award by adding (1) five calendar days for delivery of the award through the ordinary mails, or (2) one working day if the solicitation states that the contract or notice of award will be transmitted electronically. (The term "working day" excludes weekends and U.S. Federal holidays.) If, as so computed, the offered delivery date is later than the required delivery date, the offer will be considered nonresponsive and rejected.

(End of clause)

(End of Summary of Changes)