

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. W90AF2-08-R-0002-0001		3. EFFECTIVE DATE Apr 4, 2008	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY 627TH CONTINGENCY CONTRACTING TEAM HAMMONDS BARRACKS SECKENHEIM, GERMANY APO AE 09266		CODE W90AF2	7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			(X)	9A. AMENDMENT OF SOLICITATION NO. W90AF2-08-R-0002	
			<input checked="" type="checkbox"/>	9B. DATED (SEE ITEM 11) Apr 4, 2008	
				10A. MODIFICATION OF CONTRACT/ORDER NO.	
			<input type="checkbox"/>	10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

Offers 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 _____ 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 your 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 ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	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.
<input type="checkbox"/>	
<input checked="" type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	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 MODIFICATION IS TO CORRECT THE SOLICITATION ISSUE DATE IN BLOCK 6 FROM 4 AUG 08 TO 4 APR 08. NOTHING FOLLOWS.

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)	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS				1. REQUISITION NO.	PAGE 1 OF 147		
2. CONTRACT NO.		3. AWARD/EFFECTIVE DATE		4. ORDER NO.		5. SOLICITATION NO. W90AF2-08-R-0002-0001	6. SOLICITATION ISSUE DATE 04 APR 08
7. FOR INFORMATION CALL 		a. NAME MAJ WYETH S. ANDERSON wyeth.anderson@us.army.mil			b. TELEPHONE NO. (No collect calls) +49(0)621487-3404		8. OFFER DUE DATE/LOCAL TIME 12:00 PM 04 MAY 08
9. ISSUED BY 627 TH CONTINGENCY CONTRACTING TEAM HAMMONDS BARRACKS SECKENHEIM, GERMANY APO AE 09266		CODE W90AF2	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED <input type="checkbox"/> SET ASIDE: % FOR <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> SMALL DISADV. BUSINESS <input type="checkbox"/> 8(A) NAICS: 561210 SIZE STD:		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE <input type="checkbox"/> 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) 13b. RATING 14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP		12. DISCOUNT TERMS
15. DELIVER TO JOINT TASK FORCE EAST- BULGARIA NOVO SELO TRAINING AREA, UNIT 32450 MOKREN, KOTEL MUNICIPALITY, 8994		CODE	16. ADMINISTERED BY SEE BLOCK 9				CODE W90AF2
17a. CONTRACTOR/OFFEROR		CODE	FACILITY CODE		18a. PAYMENT WILL BE MADE BY		
					18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM		
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	See continuation sheet.						
25. ACCOUNTING AND APPROPRIATION DATA						26. TOTAL AWARD AMOUNT (For Govt. Use Only)	
<input checked="" type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REF. FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input checked="" type="checkbox"/> ARE NOT ATTACHED.							
<input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REF. FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.							
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>1</u> COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER <input checked="" type="checkbox"/> ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.				29. AWARD OF CONTRACT: REFERENCE: _____ OFFER DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING AND ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS: <input type="checkbox"/>			
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)			
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)		31c. DATE SIGNED	
32a. QUANTITY IN COLUMN 21 HAS BEEN <input type="checkbox"/> RECEIVED <input type="checkbox"/> INSPECTED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED				33. SHIP NUMBER		34. VOUCHER NUMBER	
				<input type="checkbox"/> PARTIAL		35. AMOUNT VERIFIED CORRECT FOR	
32b. SIGNATURE OF AUTHORIZED GOVT REPRESENTATIVE		32c. DATE		36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		37. CHECK NUMBER	
				38. S/R ACCOUNT NO.		39. S/R VOUCHER NO.	
41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT				42a. RECEIVED BY (Print)			
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER		41c. DATE		42b. RECEIVED AT (Location)			
				42c. DATE REC'D (YY/MM/DD)		42d. TOTAL CONTAINERS	

AUTHORIZED FOR LOCAL REPRODUCTION SEE REVERSE FOR OMB CONTROL

STANDARD FORM 1449 (10-95)

Computer Generated NUMBER AND PAPERWORK BURDEN STATEMENT Prescribed by GSA - FAR (48 CFR) 53.21

ADDITIONAL INFORMATION

1. Contract Type:

This is a requirements contract with firm-fixed pricing for all management, tools, supplies, equipment, and labor necessary to conduct site preparations, set-up, operate, maintain, and take down, and restore the site to pre-exercise conditions for a temporary base camp designed to support 1000 soldiers from 15 July, 2008 through 31 October, 2008 located at Novo Selo Training Area (NSTA), Bulgaria, in support of Joint Task Force East.

2. Notice to Offerors:

The Ordering Period for these Services is from 20 May 2008 through 19 May 2009. The US Government initial services will be required from 15 July 2008 through 30 November 2008 but cannot guarantee that any Task Order will be issued.

After the initial 15 July 2008 through 30 November 2008 service period, the US Government anticipates that the requirement for Services to be minimal but must maintain the flexibility to respond to unanticipated requirements. This solicitation requirement is new and amounts specified in the PWS are subject to substantial variance. It is expected that ongoing task orders may need to be modified to meet mission requirements. Offerors should anticipate the possibility of substantial increases or substantial decreases from the numbers listed in the PWS. Offerors should structure proposals to (i) be capable of meeting maximum requirements, (ii) with the understanding that amount of services required will depend on the number of personnel scheduled for training. The numbers of personnel will fluctuate substantially based on training requirements. In issuing Task Orders, the Government will seek to provide as much advance notice as possible regarding expected numbers and use for the task period covered.

Each contract line item number requires the contractor to provide either actual services or supplies. The Government is not able to provide a more accurate estimate of the requirement at this time. During task order periods, the amounts and times may vary. Contractors should submit prices on a Weekly, Monthly or other unit of measure specifically called for in the ELINs.

3. Evaluation of Proposals

Proposals will be evaluated in accordance with FAR 15.101-1 (Best Value Trade-Off Process) and criteria set forth in section 17 of this solicitation. Proposals will be evaluated and award will be made to the Offeror that represents the best value to the government in accordance with the criteria set forth in 52.212-2.

4. Local labor Evaluation

The Government has determined that an appropriate evaluation factor in determining the best value to the Government is whether the Offeror can be considered as "local." An Offeror will be considered local, if the majority of employees of the Offeror (either of the prime or a subcontractor), who will perform on this contract are residents of the local area.

"Local area" is defined as the Country of Bulgaria.

An Offeror which is not a local firm and intends to sub-contract a majority of the work to be considered local as set forth above, should provide a clear sub-contracting plan that addresses the percentage of work the subcontractor will perform, and the nature of the relationship between the subcontractor and prime contractor.

A determination that an Offeror is not local will not disqualify a proposal from consideration. However, it will be considered as one of three evaluation factors in determining the best value to the Government.

ADDENDUM TO 52.212-2
EVALUATION INFORMATION

1. BASIS FOR AWARD

1.1. The Government will award a contract resulting from this solicitation to the responsible Offeror whose offer, conforming to the solicitation, will be most advantageous to the Government, price and other factors considered (those factors are Past Performance, Technical, and Ability to Provide Local Labor). The award will be made based on the best overall (i.e., best value) proposal determined to be the most beneficial to the Government, with appropriate consideration given to the four evaluation factors:

Past Performance
Technical
Ability to provide local labor, and
Price.

1.2. Past Performance is equal in importance to Technical, and when combined, together they are significantly more important than Ability to Provide Local Labor. When all three non-price factors are combined, they are significantly more important than Price. In evaluating Technical, Subfactor Capability is slightly more important than Subfactor Quality Control.

1.3. Offerors shall be cautioned that the award may not necessarily be made to the lowest-priced proposal.

2. FACTORS AND SUB-FACTORS TO BE EVALUATED

2.1. Past Performance. The Past Performance evaluation will assess the relative risks associated with an Offeror's likelihood of success in performing the solicitation's requirements based on the Offeror's Past Performance.

2.1.1. The Offeror's overall performance under the contract(s), and any significant challenges the Offeror encountered.

2.1.2. The Offeror's quality of service; the level of conformance to contract requirements relative to specifications; Offerors standards of workmanship (versus commonly-accepted technical or professional standards); and Quality Control programs and results, to include problem identification, corrective action plans.

2.1.3. How the Offeror met schedule requirements, including timeliness with regards to meeting milestones, delivery schedules, administrative requirements.

2.1.4. The Offeror's business relations (its history of behavior, and customer satisfaction).

2.1.5. How well the Offeror conformed to contractual requirements. In conducting the past performance assessment, the Government may use data provided from other sources (PPIMS, CPARS, etc.) as well as the data provided with the proposal. (While the Government may elect to consider data obtained from other sources, it is not required to do so.) Since the Government may not necessarily interview all of the sources provided in the proposal, it is incumbent upon each Offeror to explain the relevance of the data provided to the Government.

2.1.6. Offerors with no past performance experience will be rated neutral on past performance.

3. Technical. This Volume will be used to determine overall technical capability. The evaluation process will consider the adequacy of response; the feasibility of approach, and whether the methods and/or approach proposed have adequately and completely considered, defined, and satisfied the requirements specified in the solicitation. Proposals will be evaluated to determine the extent to which each requirement of the solicitation has been addressed in accordance with the proposal submission section of the solicitation. Proposals will also be evaluated to determine whether method(s) and approach(es) to meeting the solicitation requirements provide the Government with a high level of confidence of successful completion within the required schedules. This Volume consists of two parts (Subfactors). They are (i) Capability, and (ii) Quality Control.

3.1. "Capability" will evaluate each Offeror's:

3.1.1. Ability to adapt to changing requirements, and provide rapid planning and responsiveness to meet customer requirements.

3.1.2. Ability to perform all solicitation requirements and ability to provide a reasonable, attainable plan to organize, recruit, train, and equip the Offeror's workforce by the contract start date.

3.1.3. Relevant experience of the Key Personnel

3.2. "Quality Control" will evaluate the extent to which Quality Control methods and practices demonstrate:

3.2.1. Methods of QC surveillance.

3.2.2. Adequate procedures that will result in a reasonable assessment of the quality of services being performed.

3.2.3. How the Environmental and Health and Safety plans will ensure compliance with solicitation requirements, ensuring environmental compliance and health and safety.

4. Ability to provide local labor. The Government has determined that an appropriate evaluation factor in determining the best value to the Government is whether the Offeror can be considered as "local." An Offeror will be considered local, if the majority of employees of the Offeror (either of the prime or a subcontractor), who will perform on this contract are residents of the local area. "Local area" is defined as the Country of Bulgaria. If an Offeror is not a local firm and intends to sub-contract a majority of the work to be considered local as set forth above, the Government will evaluate the sub-contracting plan to ensure that it clearly addresses the percentage of work the subcontractor will perform, and the nature of the relationship between the subcontractor and prime contractor. A determination that an Offeror is not local will not disqualify a proposal from consideration. However, it will be considered as one of three evaluation factors in determining the best value to the Government. Weighting of this factor is set forth above.

5. Price. The Government will evaluate offers for award purposes by evaluating the price for each ELIN SF 1449. The quantities identified are estimates only and are set forth for the purposes of obtaining total evaluated prices for proposals. The quantities identified in the ELINs are neither guarantees that the services/items identified will be ordered, nor that the services/items will be ordered in the quantities indicated. Proposal prices will be multiplied times the quantities set forth in the Exhibits to obtain a total evaluated price, and will also be evaluated for completeness, reasonableness, and balance. The criteria are defined as follows:

5.1. Completeness: All ELINs shall be priced with no ELIN left unpriced. The proposal complies with the price preparation instructions in the solicitation.

5.2. Reasonableness: The proposed prices reflect what a prudent person would pay for the services when consideration is given to offered prices in the market.

5.3. Balance. Proposals will be reviewed for unbalanced pricing per FAR 15.404-1.

Unbalanced pricing exists when, despite an acceptable total evaluated price, the price for one or more contract line items is significantly over- or under-stated as indicated by the application of cost or price analysis techniques. Unbalanced pricing may indicate a proposal error and/or a misunderstanding of the contract requirements by the Offeror. Based on the analysis performed, a determination will be made on the appearance of unbalanced or balanced pricing on each proposal.

5.4. Total Evaluated Price. The contract Total Evaluated Price shall consist of the sum of the Total Prices for all ELINs and sub-ELINs.

PROPOSAL REQUIREMENTS PROPOSAL REQUIREMENTS.

Proposal Contents. Proposals shall consist of the following Volumes. All documentation is required to be submitted in English.

Volume	Name	Paper Copies	Electronic Copies
I	Past-Performance	None	One
II	Technical	None	One
III	Ability to Provide Local Labor	None	One
IV	Price Proposal	None	One
V	SF 1449 and Certifications and Representations	None	One

1. Volume I – Past Performance. Proposal Data Required.

1.1. Provide contract data on no more than three (3) contracts where:

1.1.1. The Offeror is/was the Prime contractor or Major Subcontractor;

1.1.2. The work is/was similar in terms of scope and size to the work required under this solicitation, and

1.1.3. The Offeror is performing/performed the work within the past five years.

1.2. This data shall indicate the:

1.2.1. Customer's name (indicate whether government or commercial entity);

1.2.2. Contract number and type, and whether the Offeror was the Prime Contractor or a Subcontractor;

1.2.3. Description of the services (include scope and complexity); and Names, telephone numbers (and email addresses, if possible) of Customer POC(s).

1.3. For each Customer listed, discuss:

1.3.1. How the Offeror's experience is similar in nature, scope, complexity, difficulty, and work environment to the work required under this solicitation.

1.3.2. The Offeror's overall performance under the contract, and any significant challenges the Offeror encountered.

1.3.3. The Offeror's business relations (its history of behavior, and customer satisfaction).

15.1.3.4. The Key Personnel. Discuss selection, retention, support, and replacement of Key Personnel. Discuss any relevant experience of the Key Personnel. Provide resumes and the extents of their authorities.

2. Volume II: Technical. Proposals shall include a detailed discussion of how the Offeror intends to provide the services listed in the Solicitation. Two technical subfactors will be evaluated

2.1. Capability Subfactor: Under this Subfactor, each proposal must:

2.2. Fully describe the Offeror's capabilities to effectively adapt to changing requirements; Offerors are encouraged to include any unique organizational approach (es).

2.3. Discuss how Offeror will perform all solicitation requirements addressing all of solicitation requirements; provide a reasonable, attainable plan to organize, recruit, train, and equip the Offeror's workforce by the contract start date.

2.4. Quality Control (QC): For this Subfactor, proposals shall provide a Quality Control plan, or otherwise fully and comprehensively delineate how Quality Control will be accomplished, including Environmental and Health and Safety Plans.

3. Ability to Provide Local Labor. Under this factor (there are no subfactors), an Offeror is considered "local" if the majority of employees of the Offeror (either of the prime or a subcontractor), who will perform on this contract are residents of the local area. Local area is defined as the Country of Bulgaria. An Offeror which is not a local firm and intends to sub-contract a majority of the work to be considered local as set forth above, should provide a clear sub-contracting plan that addresses the percentage of work the subcontractor will perform, and the nature of the relationship between the subcontractor and prime contractor. A determination that an Offeror is not local will not disqualify a proposal from consideration. However, it will be considered as one of three non-price evaluation factors.

4. Pricing Data. Volume IV contains the proposal's pricing information. The Unit Price column of SF 1449 shall be completed by the Offeror. One set of Volume IV must be provided to the Government in electronic format and one set provided in paper.

5. Certifications and Representations. Volume V consists of the completed forms, and certifications and representations that the Offeror wishes to submit for consideration. These may include, but is not limited to documents other than personal resumes, such as government issued certificates, school diplomas, letters of commendation from United States Military units or Government entities, Bulgarian Military units or Government entities. English translations of these documents are required.

6. Proposal Submittal. Proposals must be received by the 627th CCT by the date and time set forth for receipt of proposals. Proposals must be sent to:

wyeth.anderson@us.army.mil

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0001 TEMPORARY SHELTERS

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0001AA TEMPORARY SHELTERS

19000 Square Meter

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 30 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0001AB TEMPORARY SHELTERS

19000 Square Meter

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 45 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0001AC TEMPORARY SHELTERS

19000 Square Meter

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 60 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
0001AD	TEMPORARY SHELTERS	19000	Square Meter		
<p>This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 90 days.</p>					
				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0001AE	TEMPORARY SHELTERS	19000	Square Meter		
<p>This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 120 days.</p>					
				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0001AF	TEMPORARY SHELTERS	19000	Square Meter		
<p>This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 150 days.</p>					
				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

0001AG TEMPORARY 19000 Square
SHELTERS Meter

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 180 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0002 POWER GENERATION

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0002AA POWER GENERATION 1 Set

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0002AB POWER GENERATION 1 Set

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0002AC	TEMPORARY SHELTERS	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0002AD	POWER GENERATION	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0002AE	POWER GENERATION	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0002AF	POWER GENERATION	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0002AG	POWER GENERATION	1	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0003	ABLUTION SHOWER UNITS				
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0003AA	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 head abluion shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0003AB	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 head ablution shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0003AC	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 head ablution shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0003AD	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink ablution shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0003AE	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink abluion shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0003AF	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink abluion shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0003AG	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink abluion shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0004	ABLUTION LATRINE UNITS				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0004AA	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0004AB	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0004AC	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0004AD	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0004AE	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0004AF	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0004AG	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink ablution latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0005	ROAD PREP. AND MAINTENANCE				
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0005AA	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 30 days.					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0005AB	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 45 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0005AC	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 60 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0005AD	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 90 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0005AE	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 120 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0005AF	ROAD PREP. AND MAINTENANCE	2000	Meter		

This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0005AG	ROAD PREP. AND MAINTENANCE	2000	Meter		

This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0006	AMMUNITION HOLDING AREA				
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0006AA	AMMUNITION HOLDING AREA	1	Area		

This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0006AB	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0006AC	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0006AD	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0006AE	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
0006AF	AMMUNITION HOLDING AREA	1	Area			

This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
0006AG	AMMUNITION HOLDING AREA	1	Area			

This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
0007	AVIATION PARKING AND MAINTENANCE					
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION						
					ESTIMATED NET AMT	

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0007AA	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0007AB	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0007AC	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0007AD	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
0007AE	AVIATION PARKING AND MAINTENANCE	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
0007AF	AVIATION PARKING AND MAINTENANCE	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
0007AG	AVIATION PARKING AND MAINTENANCE	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0008	MOTORPOOL				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0008AA	MOTORPOOL	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0008AB	MOTORPOOL	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0008AC	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0008AD	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0008AE	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0008AF	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0008AG	MOTORPOOL	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0009	FUEL POINT				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0009AA	FUEL POINT	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0009AB	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0009AC	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0009AD	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0009AE	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0009AF	FUEL POINT	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0009AG	FUEL POINT	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0010	SECURITY FENCE				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0010AA	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0010AB	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0010AC	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0010AD	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0010AE	SECURITY FENCE	1	Area		

This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0010AF	SECURITY FENCE	1	Area		

This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0010AG	SECURITY FENCE	1	Area		

This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0011	ACCESS GATES				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0011AA	ACCESS GATES	2	Each		

This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0011AB	ACCESS GATES	2	Each		

This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0011AC	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0011AD	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0011AE	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0011AF	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0011AG	ACCESS GATES	2	Each		

This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0012	OUTDOOR LIGHTING				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0012AA	OUTDOOR LIGHTING	1	Area		

This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0012AB	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0012AC	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0012AD	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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0012AE	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0012AF	OUTDOOR LIGHTING	1	Area		

This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0012AG	OUTDOOR LIGHTING	1	Area		

This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
0013	CLEARING BARRELS	40	Each		

Deliver and emplace clearing barrels per the standards listed in the PWS. FFP
 FOB DESTINATION

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
0014	DINING FACILITY SITE PREPARATION	1250	Square Meter			
	Prepare ground for a temporary dining facility per the standards listed in the PWS. FFP FOB DESTINATION					

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
0015	CONTRACTOR MAN- POWER REPORTING					
	Per the standards listed in the PWS. Not Separately Priced					

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1001	TEMPORARY SHELTERS					
	ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION					

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1001AA	TEMPORARY SHELTERS	19000	Square Meter			

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 30 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1001AB	TEMPORARY SHELTERS	19000	Square Meter			

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 45 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1001AC	TEMPORARY SHELTERS	19000	Square Meter			

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 60 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1001AD	TEMPORARY SHELTERS	19000	Square Meter			

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 90 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
1001AE	TEMPORARY SHELTERS	19000	Square Meter		

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 120 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
1001AF	TEMPORARY SHELTERS	19000	Square Meter		

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
1001AG	TEMPORARY SHELTERS	19000	Square Meter		

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1002	POWER GENERATION				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1002AA	POWER GENERATION	1	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1002AB	POWER GENERATION	1	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1002AC	TEMPORARY SHELTERS	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1002AD	POWER GENERATION	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1002AE	POWER GENERATION	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1002AF	POWER GENERATION	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1002AG	POWER GENERATION	1	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1003	ABLUTION SHOWER UNITS				
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1003AA	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 head abluion shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1003AB	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 head ablution shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1003AC	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 head ablution shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1003AD	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink ablution shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1003AE	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink abluion shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1003AF	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink abluion shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1003AG	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink abluion shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1004	ABLUTION LATRINE UNITS				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1004AA	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1004AB	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1004AC	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1004AD	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1004AE	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1004AF	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1004AG	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink ablution latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1005	ROAD PREP. AND MAINTENANCE				
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1005AA	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 30 days.					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1005AB	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 45 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1005AC	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 60 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1005AD	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 90 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1005AE	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 120 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1005AF	ROAD PREP. AND MAINTENANCE	2000	Meter		

This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1005AG	ROAD PREP. AND MAINTENANCE	2000	Meter			

This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 180 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1006	AMMUNITION HOLDING AREA					
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION						

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1006AA	AMMUNITION HOLDING AREA	1	Area			

This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1006AB	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1006AC	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1006AD	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1006AE	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1006AF	AMMUNITION HOLDING AREA	1	Area			

This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1006AG	AMMUNITION HOLDING AREA	1	Area			

This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
1007	AVIATION PARKING AND MAINTENANCE					
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION						
					ESTIMATED NET AMT	

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1007AA	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1007AB	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1007AC	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1007AD	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT UNIT PRICE	ESTIMATED AMOUNT
1007AE	AVIATION PARKING AND MAINTENANCE	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT UNIT PRICE	ESTIMATED AMOUNT
1007AF	AVIATION PARKING AND MAINTENANCE	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT UNIT PRICE	ESTIMATED AMOUNT
1007AG	AVIATION PARKING AND MAINTENANCE	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1008	MOTORPOOL				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1008AA	MOTORPOOL	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1008AB	MOTORPOOL	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1008AC	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1008AD	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1008AE	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1008AF	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1008AG	MOTORPOOL	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1009	FUEL POINT				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1009AA	FUEL POINT	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1009AB	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1009AC	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1009AD	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1009AE	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1009AF	FUEL POINT	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1009AG	FUEL POINT	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1010	SECURITY FENCE				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

				ESTIMATED NET AMT	

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1010AA	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1010AB	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1010AC	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1010AD	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1010AE	SECURITY FENCE	1	Area		

This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1010AF	SECURITY FENCE	1	Area		

This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1010AG	SECURITY FENCE	1	Area		

This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

1011 ACCESS GATES

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

1011AA ACCESS GATES 2 Each

This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

1011AB ACCESS GATES 2 Each

This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1011AC	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1011AD	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1011AE	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1011AF	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1011AG	ACCESS GATES	2	Each		

This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1012	OUTDOOR LIGHTING				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1012AA	OUTDOOR LIGHTING	1	Area		

This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1012AB	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1012AC	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1012AD	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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1012AE	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1012AF	OUTDOOR LIGHTING	1	Area		

This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1012AG	OUTDOOR LIGHTING	1	Area		

This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1013	CLEARING BARRELS	40	Each		

Deliver and emplace clearing barrels per the standards listed in the PWS. FFP
 FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1014	DINING FACILITY SITE PREPARATION	1250	Square Meter		
Prepare ground for a temporary dining facility per the standards listed in the PWS. FFP FOB DESTINATION					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1015	CONTRACTOR MAN- POWER REPORTING				
Per the standards listed in the PWS. Not Separately Priced					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2001	TEMPORARY SHELTERS				
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2001AA	TEMPORARY SHELTERS	19000	Square Meter		

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 30 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2001AB	TEMPORARY SHELTERS	19000	Square Meter		

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 45 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2001AC	TEMPORARY SHELTERS	19000	Square Meter		

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 60 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2001AD	TEMPORARY SHELTERS	19000	Square Meter		

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 90 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
2001AE	TEMPORARY SHELTERS	19000	Square Meter			

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 120 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
2001AF	TEMPORARY SHELTERS	19000	Square Meter			

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
2001AG	TEMPORARY SHELTERS	19000	Square Meter			

This SUBCLIN is for the site preparation, shelter set-up, shelter maintenance, shelter take-down, and power distribution necessary for each shelter per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within each shelter, and to connect each shelter to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance for all temporary shelters, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2002	POWER GENERATION				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2002AA	POWER GENERATION	1	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2002AB	POWER GENERATION	1	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2002AC	TEMPORARY SHELTERS	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2002AD	POWER GENERATION	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2002AE	POWER GENERATION	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2002AF	POWER GENERATION	1	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2002AG	POWER GENERATION	1	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, and take down of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2003	ABLUTION SHOWER UNITS				
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2003AA	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 head abluion shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2003AB	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 head ablution shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2003AC	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 head ablution shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2003AD	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink ablution shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2003AE	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink abluton shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2003AF	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink abluton shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2003AG	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 shower stall and 10 sink abluton shower unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2004	ABLUTION LATRINE UNITS				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2004AA	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2004AB	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2004AC	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2004AD	ABLUTION SHOWER UNITS	10	Set		
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This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2004AE	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2004AF	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink abluion latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2004AG	ABLUTION SHOWER UNITS	10	Set		

This SUBCLIN is for the site preparation, set-up, maintenance, connection to the power distribution grid, connection to potable water system, connection to waste water system, and take down of a 10 Western toilet and 10 sink ablution latrine unit per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2005	ROAD PREP. AND MAINTENANCE				
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2005AA	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 30 days.					

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2005AB	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 45 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2005AC	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 60 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2005AD	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 90 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2005AE	ROAD PREP. AND MAINTENANCE	2000	Meter		
This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 120 days.					

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2005AF	ROAD PREP. AND MAINTENANCE	2000	Meter		

This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
2005AG	ROAD PREP. AND MAINTENANCE	2000	Meter			

This SUBCLIN is for the site preparation and maintenance (except for gross negligence on the part of the Government) of gravel roads in the NSTA base camp area per the standards listed in the PWS for a duration of 180 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
2006	AMMUNITION HOLDING AREA					
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION						

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
2006AA	AMMUNITION HOLDING AREA	1	Area			

This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2006AB	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2006AC	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2006AD	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2006AE	AMMUNITION HOLDING AREA	1	Area		
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This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
2006AF	AMMUNITION HOLDING AREA	1	Area			

This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
2006AG	AMMUNITION HOLDING AREA	1	Area			

This SUBCLIN is for the site preparation, AHA set-up, AHA maintenance, AHA take-down, and power distribution necessary per the standards listed in the PWS; this includes lighting, internal power distribution, flooring, and safety equipment within the area, and to connect the AHA to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED NET AMT	ESTIMATED AMOUNT
2007	AVIATION PARKING AND MAINTENANCE					
ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION						
					ESTIMATED NET AMT	

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2007AA	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2007AB	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2007AC	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2007AD	AVIATION PARKING AND MAINTENANCE	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
2007AE	AVIATION PARKING AND MAINTENANCE	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
2007AF	AVIATION PARKING AND MAINTENANCE	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	ESTIMATED NET AMT	ESTIMATED AMOUNT
2007AG	AVIATION PARKING AND MAINTENANCE	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, flooring, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

2008	MOTORPOOL				
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ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

2008AA	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

				ESTIMATED NET AMT	
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

2008AB	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

				ESTIMATED NET AMT	
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ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2008AC	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2008AD	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2008AE	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2008AF	MOTORPOOL	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2008AG	MOTORPOOL	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2009	FUEL POINT				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2009AA	FUEL POINT	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2009AB	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2009AC	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2009AD	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2009AE	FUEL POINT	1	Area		
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This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2009AF	FUEL POINT	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2009AG	FUEL POINT	1	Area		

This SUBCLIN is for the site preparation, area set-up, area maintenance, area take-down, and power distribution necessary per the standards listed in the PWS; power distribution, and safety equipment within the area, and to connect the area to the power generation source; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2010	SECURITY FENCE				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2010AA	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2010AB	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2010AC	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2010AD	SECURITY FENCE	1	Area		
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This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2010AE	SECURITY FENCE	1	Area		

This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2010AF	SECURITY FENCE	1	Area		

This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2010AG	SECURITY FENCE	1	Area		

This CLIN is for the site preparation, area set-up, area maintenance, area take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

2011 ACCESS GATES

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

2011AA ACCESS GATES 2 Each

This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT

2011AB ACCESS GATES 2 Each

This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2011AC	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2011AD	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2011AE	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2011AF	ACCESS GATES	2	Each		
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This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2011AG	ACCESS GATES	2	Each		

This CLIN is for the site preparation, security gate set-up, security gate maintenance, security gate take-down per the standards listed in the PWS; and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2012	OUTDOOR LIGHTING				

ALL SUBCLINS UNDER THIS CLIN ARE FFP AND FOB DESTINATION

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2012AA	OUTDOOR LIGHTING	1	Area		

This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 30 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2012AB	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 45 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2012AC	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 60 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2012AD	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 90 days.

ESTIMATED
NET AMT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
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2012AE	OUTDOOR LIGHTING	1	Area		
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This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 120 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2012AF	OUTDOOR LIGHTING	1	Area		

This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 150 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2012AG	OUTDOOR LIGHTING	1	Area		

This SUBCLIN is for the site preparation, set-up, maintenance, take-down, power distribution, safety equipment, and connection to the power generation source necessary per the standards listed in the PWS and is for all necessary repairs (except for gross negligence on the part of the Government) and routine maintenance, for a duration of 180 days.

					ESTIMATED NET AMT
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2013	CLEARING BARRELS	40	Each		

Deliver and emplace clearing barrels per the standards listed in the PWS. FFP
 FOB DESTINATION

				ESTIMATED NET AMT	_____
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2014	DINING FACILITY SITE PREPARATION	1250	Square Meter		
	Prepare ground for a temporary dining facility per the standards listed in the PWS. FFP FOB DESTINATION				

				ESTIMATED NET AMT	_____
ITEM NO	SUPPLIES/SERVICES	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
2015	CONTRACTOR MAN- POWER REPORTING				
	Per the standards listed in the PWS. Not Separately Priced				
				ESTIMATED NET AMT	_____

CLIN DELIVERY/TASK ORDER MINIMUM/MAXIMUM QUANTITY AND CLIN ORDER VALUE

The minimum quantity and order value for the given Delivery/Task Order issued for this CLIN shall not be less than the minimum quantity and order value stated in the following table. The maximum quantity and order value for the given Delivery/Task Order issued for this CLIN shall not exceed the maximum quantity and order value stated in the following table.

CLIN	MINIMUM QUANTITY	MINIMUM AMOUNT	MAXIMUM AMOUNT	MAXIMUM AMOUNT
0001	N/A	N/A		\$10M
0001AA	N/A	N/A		\$10M
0001AB	N/A	N/A		\$10M
0001AC	N/A	N/A		\$10M
0001AD	N/A	N/A		\$10M
0001AE	N/A	N/A		\$10M
0001AF	N/A	N/A		\$10M
0001AG	N/A	N/A		\$10M
0002	N/A	N/A		\$10M
0002AA	N/A	N/A		\$10M
0002AB	N/A	N/A		\$10M
0002AC	N/A	N/A		\$10M
0002AD	N/A	N/A		\$10M
0002AE	N/A	N/A		\$10M
0002AF	N/A	N/A		\$10M
0002AG	N/A	N/A		\$10M
0003	N/A	N/A		\$10M
0003AA	N/A	N/A		\$10M
0003AB	N/A	N/A		\$10M
0003AC	N/A	N/A		\$10M
0003AD	N/A	N/A		\$10M
0003AE	N/A	N/A		\$10M
0003AF	N/A	N/A		\$10M
0003AG	N/A	N/A		\$10M
0004	N/A	N/A		\$10M

0004AA	N/A	N/A		\$10M
0004AB	N/A	N/A		\$10M
0004AC	N/A	N/A		\$10M
0004AD	N/A	N/A		\$10M
0004AE	N/A	N/A		\$10M
0004AF	N/A	N/A		\$10M
0004AG	N/A	N/A		\$10M
0005	N/A	N/A		\$10M
0005AA	N/A	N/A		\$10M
0005AB	N/A	N/A		\$10M
0005AC	N/A	N/A		\$10M
0005AD	N/A	N/A		\$10M
0005AE	N/A	N/A		\$10M
0005AF	N/A	N/A		\$10M
0005AG	N/A	N/A		\$10M
0006	N/A	N/A		\$10M
0006AA	N/A	N/A		\$10M
0006AB	N/A	N/A		\$10M
0006AC	N/A	N/A		\$10M
0006AD	N/A	N/A		\$10M
0006AE	N/A	N/A		\$10M
0006AF	N/A	N/A		\$10M
0006AG	N/A	N/A		\$10M
0007	N/A	N/A		\$10M
0007AA	N/A	N/A		\$10M
0007AB	N/A	N/A		\$10M
0007AC	N/A	N/A		\$10M
0007AD	N/A	N/A		\$10M
0007AE	N/A	N/A		\$10M
0007AF	N/A	N/A		\$10M
0007AG	N/A	N/A		\$10M

0008	N/A	N/A		\$10M
0008AA	N/A	N/A		\$10M
0008AB	N/A	N/A		\$10M
0008AC	N/A	N/A		\$10M
0008AD	N/A	N/A		\$10M
0008AE	N/A	N/A		\$10M
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0001AC	EST. Move-In date 1 July 2008	N/A	SEE SF 1449 (PAGE 1) BLOCK 12	N/A
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0002AB	EST. Move-In date 1 July 2008	N/A	SEE SF 1449 (PAGE 1) BLOCK 11	N/A
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0002AF	EST. Move-In date 1 July 2008	N/A	SEE SF 1449 (PAGE 1) BLOCK 15	N/A
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0003AB	EST. Move-In date 1 July 2008	N/A	SEE SF 1449 (PAGE 1) BLOCK 11	N/A
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1004AD	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 13	N/A
1004AE	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 14	N/A

1004AF	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 15	N/A
1004AG	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 16	N/A
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1007AF	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 15	N/A
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1008AG	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 16	N/A
1009	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 9	N/A
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1009AF	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 15	N/A
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1012	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 9	N/A
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1012AB	EST. 1 July 2009	N/A	SEE SF 1449 (PAGE 1) BLOCK 11	N/A
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1015	SEE PWS	N/A	SEE PWS	N/A
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2012AG	EST. 1 July 2010	N/A	SEE SF 1449 (PAGE 1) BLOCK 16	N/A
2013	EST. 1 July 2010	N/A	SEE SF 1449 (PAGE 1) BLOCK 9	N/A
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1015	SEE PWS	N/A	SEE PWS	N/A

SITE VISIT

There will be a site visit in support of this solicitation on 23 April, 2008. Attendees shall make the necessary security requirements per para 4.1 of the PWS AS SOON AS POSSIBLE. Meeting time is 1000 Local Bulgarian Time at the front gate of NSTA.

CLAUSES INCORPORATED BY REFERENCE

52.203-3	Gratuities	APR 1984
52.203-6 Alt I	Restrictions On Subcontractor Sales To The Government (Sep 2006) -- Alternate I	OCT 1995
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	SEP 2006
52.212-1	Instructions to Offerors--Commercial Items	NOV 2007
52.212-3	Offeror Representations and Certification--Commercial Items	NOV 2007
52.212-4	Contract Terms and Conditions--Commercial Items	FEB 2007
52.212-5 (Dev)	Contract Terms and Conditions Required to Implement Statutes or Executive Orders--Commercial Items (Deviation)	FEB 2008
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	OCT 2003
52.232-34	Payment By Electronic Funds Transfer--Other Than Central Contractor Registration	MAY 1999
52.233-3	Protest After Award	AUG 1996
52.233-4	Applicable Law for Breach of Contract Claim	OCT 2004
252.212-7000	Offeror Representations and Certifications- Commercial Items	JUN 2005
252.212-7001 (Dev)	Contract Terms and Conditions Required to Implement Statutes or Executive Orders Applicable to Defense Acquisitions of Commercial Items (Deviation)	APR 2007
252.222-7002	Compliance With Local Labor Laws (Overseas)	JUN 1997
252.225-7041	Correspondence in English	JUN 1997
252.225-7042	Authorization to Perform	APR 2003
252.229-7000	Invoices Exclusive of Taxes or Duties	JUN 1997
252.229-7001 Alt I	Tax Relief (Jun 1997) - Alternate I	JUN 1997
252.232-7008	Assignment of Claims (Overseas)	JUN 1997
252.233-7001	Choice of Law (Overseas)	JUN 1997

CLAUSES INCORPORATED BY FULL TEXT

52.211-11 LIQUIDATED DAMAGES--SUPPLIES, SERVICES, OR RESEARCH AND DEVELOPMENT
(SEP 2000)

(a) If the Contractor fails to deliver the supplies or perform the services within the time specified in this contract, the Contractor shall, in place of actual damages, pay to the Government liquidated damages of \$10,000 per calendar day of delay.

(b) If the Government terminates this contract in whole or in part under the Default--Fixed-Price Supply and Service clause, the Contractor is liable for liquidated damages accruing until the Government reasonably obtains delivery or performance of similar supplies or services. These liquidated damages are in addition to excess costs of repurchase under the Termination clause.

(c) The Contractor will not be charged with liquidated damages when the delay in delivery or performance is beyond the control and without the fault or negligence of the Contractor as defined in the Default--Fixed-Price Supply and Service clause in this contract.

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

52.212-2 EVALUATION--COMMERCIAL ITEMS (JAN 1999)

(a) The Government will award a contract resulting from this solicitation to the responsible offeror whose offer conforming to the solicitation will be most advantageous to the Government, price and other factors considered. The following factors shall be used to evaluate offers:

The Government will award a contract resulting from this solicitation to the responsible Offeror whose offer, conforming to the solicitation, will be most advantageous to the Government, price and other factors considered (those factors are Past Performance, Technical, and Ability to Provide Local Labor). The award will be made based on the best overall (i.e., best value) proposal determined to be the most beneficial to the Government, with appropriate consideration given to the four evaluation factors:

Past Performance
Technical
Ability to provide local labor, and
Price.

Past Performance is equal in importance to Technical, and when combined, together they are significantly more important than Ability to Provide Local Labor. When all three non-price factors are combined, they are significantly more important than Price. In evaluating Technical, Subfactor Capability is slightly more important than Subfactor Quality Control.

(b) Options. The Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. The Government may determine that an offer is unacceptable if the option prices are significantly unbalanced. Evaluation of options shall not obligate the Government to exercise the option(s).

(c) A written notice of award or acceptance of an offer, mailed or otherwise furnished to the successful offeror within the time for acceptance specified in the offer, shall result in a binding contract without further action by either party. Before the offer's specified expiration time, the Government may accept an offer (or part of an offer), whether or not there are negotiations after its receipt, unless a written notice of withdrawal is received before award.

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

52.216-18 ORDERING. (OCT 1995)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from **the date of contract award** through **1 calendar year following the contract date of award**.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

(End of clause)

52.216-19 ORDER LIMITATIONS. (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than **1**, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor:

(1) Any order for a single item in excess of: **(Any task order beyond 180 days and any task order valued over \$10 Million)**.

(2) Any order for a combination of items in excess of **(Any task order beyond 180 days and any task order valued over \$15 Million)**; or

(3) A series of orders from the same ordering office within **(5 days)** days that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within **(5 days)** days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of clause)

52.216-21 REQUIREMENTS (OCT 1995)

(a) This is a requirements contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies or services specified in the Schedule are estimates only and are not purchased by this contract. Except as this contract may otherwise provide, if the Government's requirements do not result in orders in the quantities described as "estimated" or "maximum" in the Schedule, that fact shall not constitute the basis for an equitable price adjustment.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. Subject to any limitations in the Order Limitations clause or elsewhere in this contract, the Contractor shall furnish to the Government all supplies or services specified in the Schedule and called for by orders issued in accordance with the Ordering clause. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(c) Except as this contract otherwise provides, the Government shall order from the Contractor all the supplies or services specified in the Schedule that are required to be purchased by the Government activity or activities specified in the Schedule.

(d) The Government is not required to purchase from the Contractor requirements in excess of any limit on total orders under this contract.

(e) If the Government urgently requires delivery of any quantity of an item before the earliest date that delivery may be specified under this contract, and if the Contractor will not accept an order providing for the accelerated delivery, the Government may acquire the urgently required goods or services from another source.

(f) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after **1 year from date of contract award**.

(End of clause)

52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)

The Government may require continued performance of any services within the limits and at the rates specified in contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor 30 days prior to contract expiration.

(End of clause)

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor prior to expiration of this contract; provided that the Government gives the Contractor a preliminary written notice of its intent to extend 30 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed **42 months**.

(End of clause)

52.225-13 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (FEB 2006)

(a) Except as authorized by the Office of Foreign Assets Control (OFAC) in the Department of the Treasury, the Contractor shall not acquire, for use in the performance of this contract, any supplies or services if any proclamation, Executive order, or statute administered by OFAC, or if OFAC's implementing regulations at 31 CFR chapter V, would prohibit such a transaction by a person subject to the jurisdiction of the United States.

(b) Except as authorized by OFAC, most transactions involving Cuba, Iran, and Sudan are prohibited, as are most imports from North Korea, into the United States or its outlying areas. Lists of entities and individuals subject to economic sanctions are included in OFAC's List of Specially Designated Nationals and Blocked Persons at [TerList1.html](#). More information about these restrictions, as well as updates, is available in the OFAC's regulations at 31 CFR chapter V and/or on OFAC's Web site at <http://www.treas.gov/offices/enforcement/ofac/>.

(c) The Contractor shall insert this clause, including this paragraph (c), in all subcontracts.

(End of clause)

52.225-17 EVALUATION OF FOREIGN CURRENCY OFFERS (FEB 2000)

If the Government receives offers in more than one currency, the Government will evaluate offers by converting the foreign currency to United States currency using the conversion rate for funds without a foreign currency fluctuation account, established by the Department Of Defense, Program/Budget Division in effect as follows:

(a) For acquisitions conducted using sealed bidding procedures, on the date of bid opening.

(b) For acquisitions conducted using negotiation procedures--

(1) On the date specified for receipt of offers, if award is based on initial offers; otherwise

(2) On the date specified for receipt of proposal revisions.

(End of provision)

52.232-18 AVAILABILITY OF FUNDS (APR 1984)

Funds are not presently available for this contract. The Government's obligation under this contract is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the Contracting Officer for this contract and until the Contractor receives notice of such availability, to be confirmed in writing by the Contracting Officer.

(End of clause)

52.233-2 SERVICE OF PROTEST (SEP 2006)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from the Team Leader of the Contingency Contracting Team listed in Block 9 of the Standard Form 1449 (page 1 of this solicitation)

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

52.237-1 SITE VISIT (APR 1984)

Offerors or quoters are urged and expected to inspect the site where services are to be performed and to satisfy themselves regarding all general and local conditions that may affect the cost of contract performance, to the extent that the information is reasonably obtainable. In no event shall failure to inspect the site constitute grounds for a claim after contract award.

(End of provision)

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far/>
<http://www.acq.osd.mil/dp/dars/dfars.html>
<http://farsite.hill.af.mil/vfafara.htm>

(End of provision)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far/>
<http://www.acq.osd.mil/dp/dars/dfars.html>
<http://farsite.hill.af.mil/vfafara.htm>

(End of clause)

52.252-5 AUTHORIZED DEVIATIONS IN PROVISIONS (APR 1984)

(a) The use in this solicitation of any Federal Acquisition Regulation provision with an authorized deviation is indicated by the addition of "DEVIATION" after the date of the provision.

(b) The use in this solicitation of any provision with an authorized deviation is indicated by the addition of "DEVIATION" after the name of the regulation.

(End of provision)

52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation clause with an authorized deviation is indicated by the addition of "DEVIATION" after the date of the clause.

(b) The use in this solicitation or contract of any clause with an authorized deviation is indicated by the addition of "DEVIATION" after the name of the regulation.

(End of clause)

252.225-7012 Preference for Certain Domestic Commodities (MAR 2008)

(a) Definitions. As used in this clause--

(1) Component means any item supplied to the Government as part of an end product or of another component.

(2) End product means supplies delivered under a line item of this contract.

(3) United States means the 50 States, the District of Columbia, and outlying areas.

(4) U.S.-flag vessel means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.

(b) The Contractor shall deliver under this contract only such of the following items, either as end products or components, that have been grown, reprocessed, reused, or produced in the United States:

(1) Food.

(2) Clothing and the materials and components thereof, other than sensors, electronics, or other items added to, and not normally associated with, clothing and the materials and components thereof. Clothing includes items such as outerwear, headwear, underwear, nightwear, footwear, hosiery, handwear, belts, badges, and insignia.

(3) Tents, tarpaulins, or covers.

(4) Cotton and other natural fiber products.

(5) Woven silk or woven silk blends.

(6) Spun silk yarn for cartridge cloth.

(7) Synthetic fabric, and coated synthetic fabric, including all textile fibers and yarns that are for use in such fabrics.

(8) Canvas products.

(9) Wool (whether in the form of fiber or yarn or contained in fabrics, materials, or manufactured articles).

(10) Any item of individual equipment (Federal Supply Class 8465) manufactured from or containing fibers, yarns, fabrics, or materials listed in this paragraph (b).

(c) This clause does not apply--

- (1) To items listed in section 25.104(a) of the Federal Acquisition Regulation (FAR), or other items for which the Government has determined that a satisfactory quality and sufficient quantity cannot be acquired as and when needed at U.S. market prices;
- (2) To incidental amounts of cotton, other natural fibers, or wool incorporated in an end product, for which the estimated value of the cotton, other natural fibers, or wool--
- (i) Is not more than 10 percent of the total price of the end product; and (ii) Does not exceed the simplified acquisition threshold in FAR part 2;
- (3) To waste and byproducts of cotton or wool fiber for use in the production of propellants and explosives;
- (4) To foods, other than fish, shellfish, or seafood, that have been manufactured or processed in the United States, regardless of where the foods (and any component if applicable) were grown or produced. Fish, shellfish, or seafood manufactured or processed in the United States and fish, shellfish, or seafood contained in foods manufactured or processed in the United States shall be provided in accordance with paragraph (d) of this clause;
- (5) To chemical warfare protective clothing produced in the countries listed in subsection 225.872-1 of the Defense FAR Supplement; or
- (6) To fibers and yarns that are for use in synthetic fabric or coated synthetic fabric (but does apply to the synthetic or coated synthetic fabric itself), if--
- (i) The fabric is to be used as a component of an end product that is not a textile product. Examples of textile products, made in whole or in part of fabric, include--
- (A) Draperies, floor coverings, furnishings, and bedding (Federal Supply Group 72, Household and Commercial Furnishings and Appliances);
- (B) Items made in whole or in part of fabric in Federal Supply Group 83, Textile/leather/furs/apparel/findings/tents/flags, or Federal Supply Group 84, Clothing, Individual Equipment and Insignia;
- (C) Upholstered seats (whether for household, office, or other use); and
- (D) Parachutes (Federal Supply Class 1670); or
- (ii) The fibers and yarns are para-aramid fibers and yarns manufactured in the Netherlands.
- (d)(1) Fish, shellfish, and seafood delivered under this contract, or contained in foods delivered under this contract--
- (i) Shall be taken from the sea by U.S.-flag vessels; or
- (ii) If not taken from the sea, shall be obtained from fishing within the United States; and
- (2) Any processing or manufacturing of the fish, shellfish, or seafood shall be performed on a U.S.-flag vessel or in the United States.

(End of clause)

CCE 204-4000 U.S. AND HOST NATION HOLIDAYS (MAR 2005)

(a) U.S. Federal Holidays Work SHALL be performed on U.S. holidays occurring during the normal workweek unless otherwise directed by the Contracting Officer. When a U.S holiday occurs on a Saturday or a Sunday, the holiday is observed on the preceding Friday or following Monday, respectively.

(b) Host Nation Holidays Work SHALL be performed on local Host Nation holidays occurring during the normal workweek unless otherwise directed by the Contracting Officer.

(End of clause)

CCE 232-4001 FOREIGN VENDORS REQUESTING PAYMENT VIA ELECTRONIC FUNDS TRANSFER (MAR 2005)

Foreign vendors requesting payment via Electronic Funds Transfer (EFT) shall provide the following information on their invoice at time of invoice submission. Only one EFT instruction per invoice is authorized.

- Swift Code
- BLZ or Bank Routing Number
- Account Number
- Bank Name
- International Bank Account Number (IBAN)(if applicable)

CCE 233-4000 INDEPENDENT PROTEST REVIEW OFFICIAL (MAR 2005)

(a) Interested parties may file agency protests, in compliance with FAR 33.103(d), directly with the Contracting Officer or may request an independent review at a level above the Contracting Officer by the Independent Protest Review Official, U.S. Army Europe. Independent review is available as an alternative to consideration by the Contracting Officer of a protest or is available as an appeal of the Contracting Officer's decision on the protest.

(b) Interested parties seeking review by the Independent Protest Review Official, should so state in the agency protest or appeal, and should file the protest/appeal with the Contracting Officer. To be considered, an appeal to the Independent Protest Review Official must be received by the Contracting officer within 10 calendar days of the date on which the protester received the Contracting Officer's decision on the protest.

CCE 237-4000 CONTRACTOR IDENTIFICATION REQUIREMENT (MAR 2005)

All Contractor personnel attending meetings, answering Government telephones, and working in other situations where their status as a Contractor is not obvious, are required to identify themselves as such to avoid being mistaken for Government officials. Contractors performing work at Government workplaces will provide their employees with an easily readable identification (ID) badge indicating the Employee's name, the Contractor's name, the functional area of assignment, and a recent color photograph of the Employee. Contractors shall require their employees wear the ID badges visibly when performing work at Government workplaces. Contractor personnel must also ensure that all e-mails, documents or reports they produce are suitably marked as Contractor products or that Contractor participation is appropriately disclosed.

PERFORMANCE WORK STATEMENT

Novo Selo Training Area Base Camp Set-up
 Joint Task Force-East (Bulgaria)
 4 April, 2008

1. DESCRIPTION OF SERVICES. The contractor shall provide all management, tools, supplies, equipment, and labor necessary to conduct site preparations, set-up, operate, maintain, and take down, and restore the site to pre-exercise conditions for a temporary base camp designed to support 1000 soldiers from 15 July, 2008 through 31 October, 2008 located at Novo Selo Training Area (NSTA), Bulgaria.

Omissions : Inadvertent omissions of specified or implied task within this PWS does not relieve the contractor of responsibility of performing the necessary work required to deliver a completed project within the timeframe as indicated in this PWS and as contracted.

Exercise Milestones.

- a. Earliest Access to NSTA for site preparation
- b. Pre-final inspection of camp
- c. 15 Jul 08 Final inspection
- d. 15 Jul 08 USAREUR/JTF-E (FWD) ADVON arrives (100 pax)
- e. 15 Aug 08 USAREUR Main body
- f. 17 Oct 08 Last day of training
- g. Closing ceremony
- h. USAREUR main body redeploys
- i. USAREUR/Training units Redeployment complete
- j. 30 Nov 08 Camp teardown complete.

1.1. The basic services the contractor shall provide include: site development services; set-up of either Government Provided fest tents or a qualified* alternative** temporary shelters for billeting, work areas, and recreation areas; adequate power generation and distribution services; ablution services, laundry collection facility; waste water collection, all in accordance with this PWS, and Red Book Tier II and Initial Facility standards (see Annex B- Red Book for details). This PWS takes precedence over the Red Book.

*Note that any tents provided by the contractor shall be compliant with the Berry Amendment in order to be considered qualified.

** Note that offerors may elect to use government furnished fest tents, or propose the use of contractor furnished tents or comparable temporary shelters, at the contractor's election.

1.1.1 Site Preparation Ground work, AHA, Motor Pool, Assembly Area

1.1.1.1. General. The work covered by this annex includes all labor, material supplies, and incidental work required for the design, construction and/or maintenance and operations of access roads/driveways, gravel hard stands, building pads, equipment pads, walkways, ramps, stairs, security fencing, access control points, existing vehicle wash facilities, and other associated utilities necessary for site operation. The Contractor shall be required to adapt the proposed layout to site conditions, and minimizing site grading efforts. All civil engineering facilities shall be designed and provided in accordance with criteria provided herein, and with minimum standards specified in the applicable referenced codes. Should conflicts occur between the criteria provided and the codes, the more stringent

requirement shall govern. Contractor shall perform design and construction services as required to provide complete and usable facilities.

1.1.1 2. Drawings. It is the Contractor responsibility to provide final site plans based on preliminary site plan showing all the proposed buildings, roadways, sidewalks, drainage structures, utilities, exterior lighting, security devices, existing and final ground contours, and signage.

1.1.1 3. Site Preparation. The intent is to minimize earth work and disturbance of trees and vegetation. Trees may not be cut until approval is obtained from host nation personnel (NSTA camp CDR, his designated representative or facility/site manager). Brush may be cut, brush hogged or graded off to clear site. Existing vehicle and individual fighting positions within 100 meters of the camp perimeter will be filled in for safety and force protection purposes. Placement of gravel in motor pool, walk ways, and other places as specified are permissible.

1.1.1 4. Site Surveys: The Contractor will be responsible for collecting site survey information for design of grading plans for parking areas, hard stands, building pads, and other features. The Contractor may be required to adjust the conceptual site plan provided to meet actual site conditions following the collection of survey data, while maintaining the proposed design. All proposed changes to the site layout will/shall be approved by the facility/site manager.

1.1.1 5. Temporary Structures: The Contractor shall erect suitable temporary fencing, lighting, and necessary structures to safeguard the site and materials against damage or theft and for the protection of the general public and shall adequately maintain the same throughout the course of the contract. All utility costs to support temporary structures during the construction/decommissioning phase of the contract period of performance shall be paid by the Contractor.

1.1.1 6. Clearing and Grubbing

1.1.1 6.1. General. The Contractor shall identify all areas scheduled for clearing and grubbing on plan sheets. Clear and grub all areas scheduled for grading, buildings, fencing and other required facility. Clearing and grubbing shall be kept to the minimum required for facility construction. Refuse and other material removed from the clearing and grubbing operations shall be disposed by the Contractor IAW Bulgarian Environmental Laws.

1.1.1 6.2. Clearing. Clearing shall consist of the felling, trimming, and cutting of trees into sections and the satisfactory disposal of the trees and other vegetation designated for removal including downed timber, snags, brush and rubbish occurring within the areas to be cleared. Clearing shall also include the removal and disposal of structures that obtrude, encroach upon, or otherwise obstruct the work. Trees, stumps, roots, brush, and other vegetation in areas to be cleared shall be cut off flush with or below the finish grade, except such trees and vegetation as may be indicated or directed to be left standing.

1.1.1 6.3. Grubbing. Grubbing shall consist of the removal and disposal of stumps, roots larger than 75mm in diameter, and matted roots from the designated grubbing areas. Material to be grubbed, together with logs and other organic or metallic debris, to include abandoned equipment, vehicle, etc, not suitable for foundation purposes shall be removed to a depth of not less than 455mm below the existing grade of the ground in areas indicated to be grubbed and in areas indicated as construction areas under this contract. Depressions made by grubbing shall be filled with suitable material and compacted to make finish grade conform to the existing grade surrounding the depression.

1.1.1 6.4. Trees: The Contractor shall protect trees within the project site which might be damaged during construction/deconstruction. The Contractor shall identify trees scheduled for removal on design plans for the FACILITY/SITE MANAGER approval. Tree cutting shall be limited to that necessary for construction of proposed facilities. A tree cutting plan shall be developed by the Contractor and provided to the (NSTA camp CDR, his designated representative or facility/site manager) for approval prior to any tree removal activities. Mow, brushhog or otherwise clear all brush and grass 50 meters around the outer perimeter wire of the camp. Trees cannot be cut down without host nation approval.

1.1.1 6.5. Miscellaneous removals: Remove all signs, antennas, posts, street lights and street light bases, communication manholes, oil-water separators, septic tanks, above ground tanks, valve boxes, utility poles, building framing, fencing, lawn furniture, abandoned vehicles, farm equipment, mechanical equipment, stone piles, retaining walls, waste/rubbish piles, animal manure, waste piles, earth embankments, burn pits, concrete rubble, and other miscellaneous material from the project limits not designated for reuse by the facility/site manager. Disposal of all miscellaneous material is the responsibility of the Contractor.

1.1.1 7. Site Grading

1.1.1 7.1. General. Site grading shall be designed to maintain the general grade, elevations, and drainage patterns of the current base. Minimal earthwork is desired. To the greatest extent, the Contractor shall work with existing contours during construction. All areas graded shall be compacted to a minimum of 90% compaction once final grades are attained.

1.1.1 7.2. Final grades shall slope away from buildings with positive site drainage away from building thereafter. All parking lots, sidewalks and gravel or hard stand surfaced storage areas shall be constructed to drain freely to storm water collection points.

1.1.1 7.3. The finished elevations of buildings pads shall be a minimum of 15 cm above highest adjacent finished gravels/paved and finished soil grades. Finished grades outside the facility shall direct runoff away from the building at a 5% grade for the first 3 meters. Finish soil areas 3 meters beyond the building line shall slope away from the building at a minimum 2% slope and a maximum 25% slope. Swales shall be provided as required and have a minimum longitudinal gradient of 0.5% with an absolute minimum of 0.3%.

1.1.1 7.4. Side slopes shall be not greater than 1 vertical on 4 horizontal. Slopes perpendicular to the direction of parking shall not exceed 5% maximum. The service and access drives shall not exceed a maximum side slope of 5%.

1.1.1 7.5. Drainage. Site grading shall be such that all water drains away from the buildings, roads, walkways, and other facilities. There shall be no areas of pooling within the limits of work. Design site plan to provide for natural drainage primarily using shallow swales following existing site contours. Contractor shall provide for the collection and disposal of surface and subsurface water encountered during construction. Contractor shall establish/construct storm drainage features at the earliest stages of site development, and throughout construction to provide positive surface water runoff away from the construction activity and/or provide temporary ditches, swales and other drainage features and equipment as required in order to maintain dry soils. When unsuitable working platforms for equipment operation and unsuitable soil support for subsequent construction features develop, remove unsuitable material and provide new soil material. It is the responsibility of the Contractor to assess soil and ground water conditions and to employ necessary measures to permit construction to proceed.

1.1.1 8. Earthwork.

1.1.1 8.1. General. Minimal earthwork is desired. To the greatest extent contractor shall work with existing contours during construction. The contractor shall perform earthworks necessary to provide a compacted based for access roadways, paths, hardstands, parking lots and building pads.

1.1.1 8.2. Excavation shall be accomplished by cutting accurately to the cross sections, grades, and elevations developed in the design documents developed by the contractor. Contractor shall dispose of unsuitable or excess excavated material.

1.1.1 8.3. Stripped top soil shall be stored on site in an area determined by the site manager for reuse following grading operations. Top soil shall be applied in minimum lifts of 100mm.

1.1.1 8.4. Compaction. Contractor shall place soil in successive horizontal layers not to exceed 200mm in loose lift thickness. Contractor shall compact all fill materials and sub base materials. Compaction shall be 90% (laboratory)

compaction for cohesive material and 95% (laboratory) compaction for cohesionless material. Excessive amount of water shall not be used as means to mechanically break down clayey soils.

1.1.1 9. Assemble Area. Contractor will remove vegetation and/or cut grass approximate area 200m by 200m of open field to serve as formation and or sport activities area. This area should be close to the billets. Location of the Assemble Area to be determined (TBD) after sighting of facilities and preliminary drawing.

1.1.1 10. Gravel Surfaces

1.1.1 10.1. General. All areas to receive gravel surfaces shall be cleared, grubbed, and stripped of top soil IAW 3.2. The exposed sub-grade shall be leveled and compacted prior to the placement of the compacted surface. Gravel surface shall meet the requirements of the gradation No. 2 as listed in Table 1. The complete thickness of the aggregate surface shall be within 13 mm, plus or minus, of the thickness required in this PWS.

TABLE 1

Gradation of Aggregates

Percent by Weight Passing Square-Mesh Sieve

<u>Designation</u>	<u>No.1</u>	<u>No.2</u>	<u>No.3</u>
50.0 mm	100	---	---
37.5 mm	70-100	100	---
25.0 mm	45-80	60-100	100
12.5 mm	30-60	30-65	40-70
4.75 mm	20-50	20-50	20-50
2.00 mm	15-40	15-40	15-40
0.425 mm	5-25	5-25	5-25
0.078 mm	0-8	0-8	0-8

1.1.1 10.2. Access Roads: Access roads shall be a minimum, one-way 4 m wide, two-way 6 m; minimum gravel thickness shall be 150mm. As they are temporary no sub-base will be required.

1.1.1 10.3. Hard Stands/Parking Areas/ Motor Pool: Minimum gravel thickness for hard stands/parking areas/gravel pads shall be 150mm. Gravel surfaces for the motor pool area and maintenance tent areas shall be 200mm thick. All areas shall be cleared, grubbed, and stripped of top soil. The exposed sub-grade shall be leveled and compacted prior to the placement of the compacted surface

1.1.1 10.4. Placement. The aggregate shall be placed on the sub grade in lifts of uniform thickness. When a compacted lifts of 150 mm(6 inches) or less is specified, the material may be placed in a single layer; when compacted thickness of more than 150mm is required, no lifts shall exceed 150 mm nor be less than 75 mm when compacted. Top soil shall be applied to a minimum of 100mm. Each layer of the aggregate surface course shall be compacted with appropriate compaction equipment. The water content during the compaction procedure shall be maintain at optimum or at the percentage specified by the resident engineer. In areas not accessible to the rollers, the mixture shall be compacted with mechanical tampers. Compaction shall continue until each layer through the full depth is compacted at least 95 percent of laboratory maximum density. Any material found to be unsatisfactory shall be promptly removed and replaced with satisfactory material or reworked to produce satisfactory material.

1.1.1 10.5. Pedestrian Walkways. Gravel surfaced pedestrian walkways shall be provided in front of all billets and support areas, and connecting areas to ablution units and access roadways. Minimum width shall be 2.0 m. Walkways may be constructed of gravel (100 mm), or composite materials suitable for the use intended and not interfere with drainage. Walkways will connect all billets, and other facility support areas in the LSA.

1.1.1 10.6. Ablution site: Contractor shall provide 100 mm thick, 4.5 m wide gravel pad along the entire front face of all ablution units that are surface laid and leveled. Modularized abolition containers that are raised will be accessed via built-up wooden deck with stairs by the contractor.

1.1.1 11. Hazardous Materials and Contamination: It is not anticipated that hazardous material will be encountered during construction. However, if hazardous materials are encountered during construction which require removal to complete the work, such materials shall be removed by the Contractor and stored at a location on base provided by the site manager/NSTA CDR. The Contractor shall be responsible for complying with applicable United States, European Union and Host Nation Environmental requirements when encountering hazardous materials and soils/water contamination. A base line environmental survey of the site is available. (see ANNEX K)

1.1.1 12. Dust Abatement during Construction. Contractor shall provide means for all dust abatement (i.e. water sprinkler truck) available during daylight hours, for entire construction operational period. Contractor shall provide truck, driver and water for abatement operations. Water may be available in nearby reservoir through prior coordination with the NSTA CDR or representative.

1.1.2. Power Generation and Distribution.Site Preparation.

1.1.2.1. The services covered by this section include all labor, material supplies, and incidental work required for the design, installation and testing of all new electrical systems to support this site. The contractor shall perform design and construction services as required to provide a complete and usable electrical system for overall low voltage site distribution and individual facilities. Electrical design shall conform to the latest design criteria, standards, codes. Should conflicts occur between the criteria provided and the codes, the more stringent requirements shall govern. The contractor shall coordinate all work with other trades.

1.1.2.2. Specially selected design products shall have been proven reliable and trouble-free in commercial service locations for two years and longer in an environment similar to that of the project site. All electrical equipment shall be sized for readily and commercially available products.

1.1.2.3. Evaluate local regulations, environmental concerns, existing conditions or other unique factors which may require special electrical design considerations. State in the design narrative these special conditions, and the resulting design safeguards or solutions proposed for the design. Special aspects include climate conditions, local power distribution and grounding methods, multiple service entrances, exposed exterior power cables, limited power sources, day-lighting extremes, and use of locally-acceptable products.

1.1.2.4. Applicable Design Documents

- ANSI C2 2002 National Electrical Safety Code
- NFPA 70 - 2005 National Electrical Code
- NFPA 101-2000 Life Safety Code
- NFPA 72 National Fire Alarm Code
- TI 800-1 Electrical Design Criteria
- TM 5-811-1 Electrical Power Supply and Distribution
- TM 5-811-2 Electrical Design Interior Electrical Systems
- TM 5-811-14 Coordinated Power Systems Protection
- AR 420-49, Utility Services
- IEC 61643-1:2002; Part 11 Low-voltage surge protective devices Type 1, 2
- DIN 18 382, "Electrical cable and line systems in buildings"
- VDE 0100, "Regulations for the erection of low voltage systems with rated voltages up to 1000 V"
- VDE 0108, "Regulations for the erection of safety power supply systems"
- DIN VDE 0298 part 4 and other applicable sections
- Unified Facilities Criteria (UFC) 3-600-01 Design: Fire Protection (formerly MIL- HDBK-1008C Fire Protection for Facilities) (April 17 2003)
- ETL 1110-3-412 Transformer Application Guide

- ETL 1110-3-432 Exit Signs
- ETL 1110-3-441 Electronic Ballast for Fluorescent Lighting Fixtures
- TI 811-16 Lighting Design
- UFC 4-021-01, Design and O&M: Mass Notification System (December 2002)
- International Building Code (2003)
- 5th Signal Command Standards for Interior Cable Distribution Systems (ICDS) (2004)
- MIL-HDBK 1012/3 Telecommunications Premises Distribution Planning, Design, and Estimating (May 31 1996) (formerly TM5-811-9 Voice/Data Telephone Systems)
- EIA/TIA TSB 67 (1995) Transmission Performance Specifications for
- Field Testing of Unshielded Twisted-Pair Cabling Systems
- ANSI/EIA-607 (1994) Grounding and Bonding Requirements for the
- Telecommunications Infrastructure of Commercial Buildings (*Telecommunications Bonding Backbone (TBB) standard*)
- Digital European Backbone Grounding, Bonding, and Shielding [Communications Systems] Standard Design (1985).

1.1.2.5. Exterior Power

1.1.2.5.1. A grounding grid shall be installed for the plant and it will conform to NEC standards on ground fault protection. Power plant will consist of three paralleled 400 V, 50 Hz prime power generators synchronized and controlled by a load share module. Generators shall feed LV switchgear on a common bus rated for available amps. LV switchgear shall distribute power to all identified facilities.

1.1.2.5.2. Contractor shall provide initial certification, calibration, testing, and programming of the power plant system by a certified technician from the generator manufacturer. Contractor shall maintain and operate the power plant and power distribution for 140 continuous days starting at final government acceptance. Power from the power plant facility shall be available 24 hrs, 7 days per week.

1.1.2.5.3. Before power is applied to any loads a Quality Assurance/Quality Control (QA/QC) Program will be implemented to make sure systems are installed correctly and safely and in accordance to NEC, NFPA and NESC regulations.

1.1.2.5.4. The contractor shall ensure that electric power availability will not be less than 99% for critical facilities (e.g., headquarters, communications), and within a range of 95-96% for other facilities. Quality of electric systems operation, maintenance and repair shall be in accordance with AR 420-49, Utility Services.

1.1.2.6. Exterior Distribution

1.1.2.6.1. All facilities, shall be supplied 3-phase, 4-wire, 400 V, 50 Hz electrical service. Individual container units may be supplied 1-phase, 230 V, 50 Hz electrical service. Each Main Distribution Panel will have a main three-phase circuit breaker. A neutral will be installed for unbalanced loads and will be bonded to the ground at the service entrances as stated in NFPA 70. Phases shall be balanced to +/- 10% maximum capacity deviation between any two phases.

1.1.2.6.2. Distributed power may be aerial or underground, below finish grade. Distribution installation and clearances shall be in conformance with all the aforementioned criteria.

1.1.2.6.3. All exterior feeds shall be sized to carry the full load current and rated for the distribution type chosen. Underground distribution shall be direct buried, in type EB conduit. Conduit shall be sized with a 40% fill capacity in accordance with NFPA 70. Aerial connections and distribution are acceptable. Poles and aerial distribution, where used, must be installed to withstand 161 km/hr winds.

1.1.2.7. Generator Fuel (see ANNEX (insert)-1 for Fuel Specifications

1.1.2.7.1. Provide all generator fuel tanks with secondary fuel containment. Containment shall be adequate to retain fuel volume equal to total tank capacity. Contractor shall provide all piping, fittings, controls, wiring and associated appurtenances for complete installation of the fuel system.

1.1.2.7.2. Contractor shall be responsible for initial full volume fueling of all generator fuel tanks for the primary power plant, all portable generators, and all portable generator light sets. Government will provide fuel. Contractor shall be responsible for appropriate filling of the fuel in the aforementioned electrical equipment to ensure consistent and reliable operation and maintenance of these systems for the duration of use (see Exterior Power for time duration). Fuel type shall support the equipment being fueled or modifications shall be made to the equipment to accept the supplied fuel.

1.1.2.8. Portable Generators

1.1.2.8.1. Generators shall be installed level and above ground precipitation levels for the area. Mobile generator connection point will be rated for 100% of the 400/230 V, 50 Hz load. Generators shall be rated based on prime & continuous service. All electrical equipment shall be UL rated or European equivalent (TUV). Main distribution panels and breakers will be service entrance rated.

1.1.2.9. Sound Attenuation

1.1.2.9.1 Provide and install, if available, factory built sound attenuation enclosure. Sound attenuation (whether or not factory available) shall comply with OSHA regulations and per table 2 below.

Table 2: Sound Attenuation Requirements

Exposure Duration Per day, day in hours	Sound Level in dBA
8	85
6	87
4	90
3	92
2	95
1½	97
1	100
½	105
¼ and less	100 (max)

1.1.2.10. Manual Transfer Switch (MTS). Manual transfer switches shall be rated for at least the available amps of the connected generator. Positions should be clearly labeled as “ON” and “OFF”.

1.1.2.11. Ambient Conditions. The exterior electrical equipment and cables shall be rated for ambient outdoor temperature of at least 55°C (131°F) at full connected load. Exterior electrical equipment will be protected from the elements (rain, dust, sun, etc.). If a structure is used for protection, mechanical and architectural coordination shall ensure the proper ventilation, access, and working spaces are achieved.

1.1.2.12. Interior Power. The interior electrical distribution systems shall be configured as 400/230 Volt, 50 Hz, 3-Phase, 5-wire, utilizing a separate equipment ground conductor run with all circuits. Installation will include connection of sub-distribution panelboards (SDP) to the main distribution panel (MDP). MDP will service SDP and general building loads only. Internal wiring will include receptacles, mechanical loads, lighting, and special conditions as described herein. Pre-wired facilities shall not be required to be re-wired unless flagrant safety or code restrictions are not met as determined by the resident engineer/QA/QC officer or government electrical engineer. Contractor shall maintain and resolve any internal (inside facilities) electrical issues throughout the duration of this contract.

1.1.2.13. Short Circuit & Protective Coordination. The Contractor shall coordinate electrical equipment as follows: Provide a short-circuit and protective devices coordination studies in accordance with TM 5-811-14. Selection of protective devices and switchgear for the electrical system shall be based on a short-circuit protective device coordination analysis. All protective devices shall be properly coordinated to provide selective tripping. The coordination study shall be done using a manufacturer's actual fuse and breaker curve data.

1.1.2.14. Grounding. All facilities shall have adequate facility grounding. Facility wiring shall be type TN-S. Resistance to ground shall be less than 25 Ohms, unless indicated otherwise (see Telecommunications System Grounding). The neutral will be bonded to the ground as specified in the NEC.

1.1.2.15. Surge Protection. Main distribution panelboards shall have Type I surge protection. Sub-distribution panelboards shall have Type II distribution.

1.1.2.16. Panel boards. Poly-phase panel board phases shall be balanced to +/- 10% maximum capacity deviation between any two phases. Panel boards shall be in a lockable enclosure.

1.1.2.17. Circuit Breakers

1.1.2.17.1. Over-current protective devices shall be installed in a cascading fashion such that the OCPD nearest the load shall operate before subsequent upstream OCPDs. Circuit breakers that are closer to the load will not be of larger capacities than circuit breakers farther from the load. A protective coordination study shall be provided to verify this requirement.

1.1.2.17.2. Circuit breakers shall be manually-operated, shall be quick-make, quick-break, common trip type, and shall be of automatic-trip type unless otherwise specified. All poles of each breaker shall be operated simultaneously by means of a common handle. The operating handles shall clearly indicate whether the breakers are in "On," "Off," or "Tripped" position and shall have provisions for padlocking in the "Off" position. Personnel safety line terminal shields shall be provided for each breaker.

1.1.2.17.3. Circuit breakers and panel boards shall have Ampere Interrupting Capacity (AIC) ratings coordinated with the short-circuit analysis and protective coordination study.

1.1.2.18. Distribution

1.1.2.18.1. Where facilities do not come pre-wired, receptacles and switches shall be installed at a reasonable and usable height for the intended purpose/usage. Typically 8 each outlets per typical SEAhut, (16'x32') 512SF IAW RedBook. Design should be approximately an outlet every 4 feet. (1.4m)

1.1.2.18.2. Rigid Plastic Conduit PVC conduit must be not lighter than Schedule 40. Rigid PVC must be the slip-joint solvent-weld type, and fittings must be unthreaded solid PVC. Electrical Metallic Tubing (EMT) must be rigid metallic conduit of the thin-wall type in straight lengths, elbows, or bends. Couplings and connectors must be hex-nut expansion-gland type, zinc or cadmium-plated. Crimp, spring, or setscrew type fittings are not acceptable. Where EMT enters outlet boxes, cabinets, or other enclosures, connectors must be the insulated-throat type, with a locknut.

1.1.2.18.3. In rooms the cable installation shall be surface mounted in conduit or enclosed wireway on the walls. The cable installation shall be made in accordance with DIN VDE 0298, Part 4. Spacing clamps, max. clamp spacing equals 25 times the conduit diameter.

1.1.2.18.4. Conduit and cable tray sizing will comply with the 40% fill ratio as outlined in NFPA 70 for proper heat dissipation. Minimum conduit size for power circuits will be 21 mm. All empty conduits will be installed with a pull-string for future installation of cables.

1.1.2.19. New Conductors

1.1.2.19.1. All conductors located inside the facilities must have adequate physical protection from incidental contact in accordance with NESC and NFPA 70. All conductors and connections shall test free of grounds, shorts, and opens before turning the installation over to the user.

1.1.2.19.2. Conductor sizes shall not be smaller than 1.5 qmm for lighting circuits and 2.5 qmm for receptacle circuits. Voltage drop shall be calculated for the circuit and should not exceed 3% from the circuit breaker to the load. Unless specified or indicated otherwise or required by NFPA 70, power and lighting wires shall be 600-volt, Type THWN/THHN (or NYM-J); Plastic sheathed cable for installation in installation systems, in conduits, surface or flush mounted, 0,6/1 kV, DIN VDE 0271. Any dedicated circuit shall be installed without splice to the respective over current protective device. Color-coding will be in accordance with NFPA 70 and shall be consistent throughout the facility.

1.1.2.19.3. Conductors shall not be reused unless the following criteria is met: (1) Must be armored cabling (2) there shall be no cable or insulation degradation (3) cable must be part of a system that is being reused and used only for the intended system from which it was derived.

1.1.2.20. Lightning Protection & Grounding. Above ground tanks and underground water, sewer, or fuel pipes shall be properly grounded in accordance with NFPA 70 and NFPA 780. Ground resistance test shall be by the fall-of-potential method. The communications facility shall have an exterior lightning protection system.

1.1.2.21. Cathodic Protection. Cathodic protection is not required.

1.1.2.22. Generator Light Sets

1.1.2.22.1 Generator light sets will be positioned to maximize coverage area by the generator light sets. Provide the minimum number of generator light sets for the areas described further in Specific Facilities or other paragraphs of this section.

1.1.2.22.2. Contractor shall operate and maintain generator light sets for the time duration that the power plant facility must be operational (see Exterior Power). Contractor must be sufficiently staffed to provide emergency maintenance for the generator light sets within 30 minutes of notification by site manager. Operation of generator light sets shall be daily from dusk until sunrise.

1.1.2.23. Mechanical Equipment

1.1.2.23.1. Mechanical equipment shall be supplied power through the appropriate interface of the equipment without modification to that equipment. I.e. facility/site manager and plug units will be supplied an adequately rated receptacle; equipment requiring hard connections will be hardwired. Starters and/or disconnect switches for mechanical equipment shall be installed adjacent to and within sight of the mechanical equipment.

1.1.2.23.2. Provide one dedicated branch circuit from facility panelboard for each gas fired heater, other heating equipment, pumps, ventilation, air conditioning, or other equipment supplied by the mechanical discipline. Any dedicated circuit shall be installed without splice to the respective SDP. Contractor shall coordinate exact location and quantity of mechanical equipment and connections.

1.1.2.23.3. Conductors for mechanical equipment shall be sized based on nameplate ratings. Motors greater than one horsepower shall be on a dedicated circuit. Motors that are less than one horsepower, nominally 600 Volts or less, and on a 16 Amp over-current protection device may be on the same circuit provided the full load amps of each motors does not exceed 6 amps, the rating of the branch-circuit and ground-fault protective device marked on any of the controllers is not exceeded, and individual circuit overload protection conforms to 430.32 of NFPA 70.

1.1.2.24. Loading & Sizing

1.1.2.24.1. Actual electrical loads and demand factors, where known, shall be used for electrical calculation purposes. Where loads are unknown, the contractor shall utilize loading and demand factors outlined in NFPA 70.

Branch circuits feeding receptacles of unknown loads shall be limited to 1200 VA per circuit. The interior electrical distribution system shall be designed with a minimum of 25% excess load capacity in all motor control panels, panelboards, and feeders after all load and demand factors have been applied to the electrical calculations. The Contractor shall provide at least 20 percent future load growth capacity in all cable and electrical equipment. Provide at least 20 percent spare circuit breakers in each panelboard and an additional 5% spaces.

1.1.2.24.2. General purpose receptacle branch circuits (max. 180 VA per outlet) may be combined with general purpose lighting circuits on the same panelboard. Non-linear electrical loads shall be supplied with a dedicated neutral. Branch circuits with non-linear loads shall be limited to four receptacles per circuit. Motors and other transient loads shall be provided a separate panelboard than lighting and other sensitive electrical loads. Where the actual power consumption of the equipment is known, the conductors and over-current protective device must be sized in accordance with the NFPA 70.

1.1.2.24.3. Voltage drop on feeder circuits shall be limited to 3%. Voltage drop on branch circuits shall be limited to 2%. Total voltage drop from source to load shall be limited to 5%.

1.1.2.24.4. All current carrying conductors will be of proper capacity rating as stated in NEC Tables 310.16 and 310.17. Electrical de-rating factors for sizing electrical equipment may be used in accordance with NFPA 70, Articles 210, 220, and 310. Conduit and cable tray sizing will comply with the 40% fill ratio as outlined in NFPA 70 for proper heat dissipation. The maximum cross sections of the cables shall be 125% of the required maximum load.

1.1.2.25. Receptacles

1.1.2.25.1. Use standard 230 V, 50 Hz, "Schuko" type receptacles for general purpose. Ratings and configurations shall be suitable for the application. Face and body shall be thermoplastic supported on a metal mounting strap. Provide screw-type, side-wired wiring terminals.

1.1.2.25.2. Wall outlet boxes for single-gang flush wiring devices must have sufficient volume to accommodate the number of conductors entering the box.

1.1.2.25.3. Receptacle spacing shall not exceed 3 meters for administrative areas. Spacing should be as even as possible to promote space flexibility. The general purpose receptacles are in addition to any special purpose and dedicated equipment receptacles. General-purpose duplex receptacles in corridors will be located with a maximum spacing of 15 meters.

1.1.2.25.4. Receptacles located in wet locations, and/or within six feet of a sink, shall have 10 mA leakage current protection Ground Fault Circuit Interruption (GFI). All exterior receptacles exposed to natural elements shall be rated for such use, ground fault protected, and have while-in-use covers. This is a personal safety requirement and must be met.

1.1.2.26. Lighting

1.1.2.26.1. In the case lamps are reutilized for fixtures, each lamp shall be tested prior to use to ensure a minimum of 80% initial lumen output for the lamp type is obtained.

1.1.2.26.2. Lighting levels shall be a minimum of 215 lux for sleeping areas, 215 lux for latrines, 215 lux for showers, 325 lux for open offices, 325 lux for television rooms, 325 lux for call center area, 325 for exercise areas; 215 lux for the library; 540 lux for communications rooms.

1.1.2.26.3. All illumination levels shall be measured at 0.75 meters AFF and have an overall uniformity ratio that does not exceed 3:1 (max:min) unless specified otherwise. All rooms, including corridors and emergency exit discharge areas, shall be equipped with lighting fixtures.

1.1.2.27. Switching. Switching of light fixtures in rooms shall typically consist of a single on-off switch adjacent to the entrance which controls room lighting. Multiple switching shall be provided in large rooms and areas to allow switching of individual zones or areas. Each zone shall be provided with a separate switch(es). Where there is more than one entrance to a room, there shall be multi-way switching at each entrance for that space (including bays).

1.1.2.28. Emergency. Provide emergency egress lighting in rooms greater than 500 sf, 46 sm, with a minimum of 10 lux, 40:1 uniformity with battery operation, with 1 lux minimum at any point for all means of egress and as required by NFPA 101. These life safety lights shall re-illuminate within 10 seconds after the loss of normal power and shall meet or exceed NFPA-101 and NFPA 70 requirements. Fixtures shall be wired ahead of any local switching.

1.1.2.29. Exit. Provide exit signage with integral battery backup as required by NFPA 101. Exit signage shall be LED with integral battery backup. Exit signage shall be located at all exits, corridor intersections and as required by NFPA 101.

1.1.2.30. Smoke Detection System. Smoke detectors shall receive their primary power from the building wiring (secondary power from integral battery), and shall be installed in all facility/site corridors and facility/site corridors continuous to the exits, waiting areas, open-use spaces adjacent to the facility/site corridors and sleeping rooms. The location and spacing of automatic detectors shall be based upon applicable code requirements including the appropriate reference standard, NFPA 72. All constructions associated with this section shall be designed in accordance with (UFC) 3-600-01 Design: Fire Protection (MIL-HDBK-1008C), the National Fire Codes, and other governmental and industry design regulations, manuals, and guidelines as cited. The design shall be classified as a Local Protective Signaling System, intended to provide notification to occupants within the protected building. All equipment, devices, wiring and conduit shall conform to NFPA 70, NFPA 72 and NFPA 90A.

1.1.2.31. Telecommunications System

31.1. A system ground of 5 ohms or less is required at the telecommunications service entrance, compliant with ANSI/TIA/EIA 607. Telecommunications grounding shall consist of a Main Telecommunications Ground Bar (TMGB) located at the telecommunications dedicated panelboard. Subsequent dedicated panelboards in the same facility shall have a Telecommunications Ground Bar (TGB) that is connected to the TMGB and maintain adequate grounding resistance.

1.1.2.31.2. All telecommunications systems shall have a separate grounding bar and shall be tied to the facility ground in accordance with NFPA 70 and 5th Signal Command Standards. Resistance to ground shall be less than 5 Ohms, unless indicated otherwise.

1.1.2.32. Specific Facilities

1.1.2.32.1. FOS Power Plant Facility

1.1.2.32.2. Power plant shall be constructed on site. Power plant shall consist of three paralleled 400 V, 50 Hz prime power generators controlled by a load share module. Generators shall feed LV switchgear on a common bus rated for available amps. LV switchgear shall distribute power to all identified facilities.

1.1.2.32.3. Provide pillar support for stabilizing and leveling generators in accordance with the manufacturer's recommendations for weight density distribution and support. Power shall be distributed at 400/230 volts from the power plant to the individual facility distribution panels in a 3-phase 4-wire configuration. A neutral will be installed for unbalanced loads and will be bonded to the ground at the service entrances as stated in NFPA 70.

1.1.2.32.4. A fuel storage area shall be installed in accordance with regulations. Install three 250 gallon generator day tanks, one 5,260 gallon fuel tank, two tandem fuel pumps (of equal size), and fuel manifold.

1.1.3. Temporary Shelters.

1.1.3.1. All Facilities shall conform to the square footage requirements listed in ANNEX K as closely as possible.

1.1.3.2. Site Work: Structure will be on a leveled surface, minimal earth work is desired, however, earth work is permissible and best engineering practices should be applied for construction methods. Foundations shall be capable of maintaining the facilities at a level grade at the selected locations for a 6 month period without adjustment. Completed structure shall be weatherproof.

1.1.3.3. HVAC. Connect heating, ventilation, and air conditioning equipment to building electrical. Provide climate control to maintain a constant temperature range of 20 to 26 degrees Celsius.(IAW Red Book 68^F Winter, 78^F Summer).

1.1.3.4. Flooring. Install wood or hard plastic floor panel capable of withstanding foot or light cart traffic, unless otherwise noted.

1.1.3.5. Electrical: Install lighting, electrical wiring, in accordance to Red Book Tier 2+ standards and electrical requirements specified within this PWS. Install a minimum 8ea 230 V, 50 HZ Schuko receptacle per 500 sq. ft.

1.1.3.6. The facilities listed in Table 3 below shall have the square footage listed and be set up in the type of shelter listed.

Table 3

Organization	Office Requirement*	Type of Shelter
Soldier Billeting	60,000 sq. ft.**	government furnished tents available
Mayor's Cell	500 sq. ft.	government furnished tents available
S3 AVN	500 sq. ft.	government furnished tents available
Co HQ	1000 sq. ft.	government furnished tents available
Media Center	500 sq. ft.	government furnished tents available
Training Support: EST/SAVT	1000 sq. ft.	government furnished tents available
Training Support: CFFT	500 sq. ft.	government furnished tents available
Training Support: TSC for issuing TADS, Targetry	500 sq. ft.	government furnished tents available
Training Support Maint Tent	500 sq. ft.	government furnished tents available
Fitness Center	3000 sq. ft.	government furnished tents available
Morale Welfare and Recreation Tent	1000 sq. ft.	government furnished tents available
Phone Bank	1000 sq. ft.	government furnished tents available
Internet Café	500 sq. ft.	government furnished tents available
Chapel	3000 sq. ft.	government furnished tents available
Multi Purpose Tent	2000 sq. ft.	government furnished tents available
TMC	500 sq. ft.	government furnished tents available
MP/security Office	250 sq. ft.	government furnished tents available
Batallion HQ	1000 sq. ft.	government furnished tents available
Motor Pool	500 sq. ft.	government furnished tents available
AHA	250 sq. ft.	government furnished tents available
Laundry Colledtion and Distribution	500 sq. ft.	government furnished tents available
AAFES	1000 sq. ft.	government furnished tents available
Finance Office	500 sq. ft.	Requires a separate shelter that is securable
Post Office	250 sq. ft.	Requires a separate shelter that is securable

* these are approximations and may be adjusted +/- 5% by the offeror in their proposal
** each soldier shall have a minimum of 60 sq. ft.

1.1.4 Temporary Laundry Collection and Distribution. Contractor shall prepare facility to square footage requirement listed in Table 3 and to the standards listed in this PWS.

1.1.5. Temporary Ablution Units.

1.1.5.1. ELECTRICAL: Contractor shall connect units to the electrical power plant. Receptacles located in wet areas, and or within six feet of a sink, shall have 10mA leakage current protection (Ground Fault Circuit Interruption). All exterior receptacles exposed to the natural elements shall be rated for such use, ground fault protected, and have while-in- use covers. Light fixtures in shower areas shall be water proof. Light fixtures in other wet areas shall be moisture proof.

1.1.5.2. STRUCTURE: Provide factory assembled ablution units with showers/sinks/toilets to support 1000 personnel. Ablution unit containers shall be set, blocked and leveled by the Contractor upon Contractor supplied portable foundations. Foundations shall be capable of maintaining the containers at a level grade at the selected locations for a 6 month period without adjustment. Container floors shall be set a minimum of 305mm above adjacent ground surface.

1.1.5.3. Grading should be kept to the minimum required for setting Ablution units upon a level compacted foundation. Provide necessary stairs for ablution units at all entrance/exits points.

1.1.5.4. Contractor shall provide complete ablution system to include but not limited to water tank, sewage tank, pumps, piping and high level alarm system. Ablution unit shall be prewired, with lighting, ventilation systems and electrical outlets. Contractor shall provide a complete hot and cold water distribution system through out the units.

1.1.5.5. Provide, install and maintain electric domestic hot water heaters. Water shall be stored at 60 degrees C and distributed at 50 degrees C. Provide a thermostatic mixing valve with an adjustable range from 42 degrees C to 52 degrees C for each ablution unit. The hot water heaters shall be installed exterior to the building. Contractor shall provide a secure enclosure and house keeping pad to protect the water heaters from the elements and tampering. Hot water storage tanks shall be cement lined or glass lined steel type in accordance with DIN 4753-3. Water heaters shall be provided with fully automatic controls. Provide a safety/relief valves in accordance with the International Plumbing Code.

1.1.5.6. Planning factor of 1 toilet and showerhead per 10 individuals. Each shower will have stall and curtain. Each sink will have accompanying fixtures (mirror, soap dish). Females will have dedicated showers/sinks. Use a planning factor for male to female of 5 male per 1 female. Supply water tanks to supply enough water for all ablution containers. Planning factor will be 56 gallons per day, per person. Contractor shall be responsible to monitor tanks levels and order required pump in/ pump out of water/waste water on time. Units will be dispersed throughout the base camp area.

1.1.5.7. Waste Water Collection Piping for Ablution Containers: For each ablution container system the Contractor shall install waste water collection piping from ablution units to 10,000 liter underground sanitary sewer collection tank (septic tank). Piping shall be installed to provide for gravity flow from ablution units to septic tank. Minimum pipe slope shall be 2%. Provide 150mm thick gravel pad to septic tank for access to tank by pumping truck. Provide level indicator switch on waste tank. Tank shall be provided with a high level alarm with light and sound alarm mode. Alarm shall be activated at 90% tank capacity. Provide water pump power disconnect switch activated when waste water tank reaches 95% capacity.

1.1.5.8. Medical Facility: Contractor shall prepare facility to square footage requirement listed in Table 3 and to the standards listed in this PWS.

1.1.5.8.1. Contractor shall provide complete ablution system to include but not limited to water tank, sewage tank, pumps, piping and high level alarm system near the medical facility. Provide one commercial sink with hot/cold potable water.

1.1.6 Temporary Latrine Units. See paragraph 1.1.5.6.

1.1.7 Waste Water Storage. See paragrapy 1.1.5.7.

1.1.8 Reserved.

1.1.9 Force Protection.

1.1.9.1. Security Fencing (Perimeter Security)

1.1.9.2. General: Security fence shall consist of reinforced barbed taped. Fencing shall be installed at the locations indicated or as directed by the resident engineer/site manager. Construct Triple Strand Concertina wire around the entire LSA at 50 meters from the outer edges of the nearest facility in the LSA.

1.1.9.3. Concertina Wire Fencing: Reinforced barbed tape, single coil, shall be fabricated from 430 series stainless steel with hardness range of Rockwell (30N) 37-45 conforming to the requirements of ASTM A 176. The stainless steel strip shall be 0.6 mm thick by 25 mm wide before fabrication. Each barb shall be a minimum of 30.5 mm in length, in groups of 4, spaced on 102 mm .The stainless steel wire shall have a 2.5 mm diameter with a minimum tensile strength of 9.68 MPa (140 psi) and shall be in accordance with ASTM A 478. The perimeter Concertina Wire fence shall be constructed of 3 rolls as shown in figure 1.

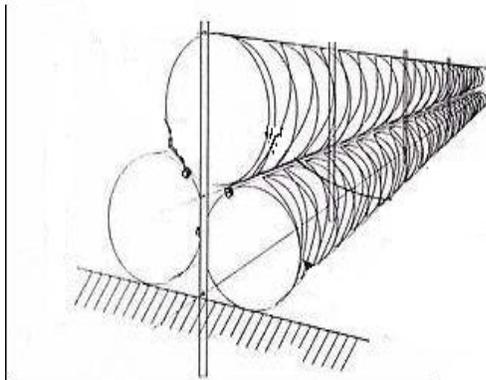


Figure 1

1.1.9.4. Wire Ties used to attach security coils to the fences shall be austenitic stainless steel, 175 mm (\pm 25 mm long), and 1.2 mm thick, twistable ties. No less than three ties shall be installed on each 300 mm of installed length of barbed tape.

1.1.9.5. Provide 2 meter steel fence posts meeting A702-89(2000) Standard Specification for Steel Fence Posts and Assemblies, Hot Wrought. Post spacing should be not more than 6 meters on center.

1.1.9.6. The posts shall be furnished as tubular, H-section, or C-section. Tubular shall have a 60mm O.D.: H-Section shall be 57mm x 43mm; C-Section shall be 57mm x 43mm. Unless otherwise specified by the purchaser, the line post type is at the manufacturer's option. Each line post shall be manufactured with an anchor plate. Anchor plates shall be manufactured from Type A or B materials. The placement of the anchor plate shall be nominally 14 in., 16 in., or 18 in. from the bottom of the uppermost portion of the anchor plate. Anchor plates shall have a minimum area of 18 square inches and shall weigh $0.67 \text{ lb} \pm 5\%$.

1.1.9.7. Barbed wire shall be two-strand, 3 mm thick, Class 3, meeting the requirements of ASTM A585. Barbs shall be four-point 2.5 mm thick aluminized wire interwoven and spaced 100 to 150 mm apart.

1.1.9.8. Drive ground stakes to a depth of 100 mm at ends of each roll and at 3600 mm on center maximum between ends. Connect ground stake to bottom of each roll with stainless steel wire ties. Stakes will be #10m reinforcing rods 200 mm ($\pm 25 \text{ mm}$) long with a 180° end hook.

1.1.9.9. Attach rolls to with stainless steel wire ties at 300 mm on center. Attach ends of rolls to each other with stainless steel wire ties at a minimum of 5 points around the perimeter circumference of the roll. Rolls that are not supported by ground stakes shall be attached to adjacent rolls; next to, underneath and above at a minimum of 1200 mm on center.

1.1.9.10. Gates: Gates as required for Concertina Wire fencing shall consist of chain link gates. Location to be determined (TBD), typically SSA, motor pools, etc. in areas intended to be secured without guards during non-duty hours. These areas will be within the perimeter of the LAS facility. Install swing gates to swing through 180 degrees from closed to open. Adapt Concertina Wire fencing shown above to connect with gate at locations depicted in design. Concertina Wire fencing shall be attached to gate in such a fashion that there are no security gaps in fencing. Gate width shall be as indicated on design. The installation of the gates shall include hinges and supported drop pin, all required supports, housing, pedestals, and excavation to install the gates. Support post will be designed and installed to ensure full operations of the gates for the duration of the occupation.

1.1.9.11. Traffic Control Points: Construct Traffic Control Point (TCP) for vehicles at the locations indicated by facility/site manager. At each TCP, construct a drop down barrier (lift bar) across the main hard ball road. A herring bone barrier systems will be installed prior to (outside LSA) with enough interval between barriers to allow large vehicles (buses, HEMTTs, etc) to negotiate the barriers. The gate arm shall be fabricated of steel or aluminum with a minimum diameter of 75cm. A locking crutch post, padlock and keys shall be provided with the installation. The gate arm surfaces shall be marked with high visibility warning stripes. The gate arm height shall be a minimum of 900 cm +/- 100cm as measured from the roadway surface to the centerline of the arm. The arm length shall span across the full width of the roadway/access. Booths will be designed to provide protection from the environment and provide 360 degree visibility. Provide or construct two man sentry booths at each TCP. Booths will have lighting, one electrical outlet.

1.1.9.11.1. TCP 1 will be for heavy vehicles, Contractor and service trucks, and civilian traffic.

1.1.9.11.2. TCP 2 will be for exercise participants (5-ton and below) and command and control vehicles.

1.1.9.12. Access Control: Construct entry control points within the LSA Base Camp layout at locations designated by facility/site manager. Install drop gates (as shown in figure 2) at designated location as required by site manager to limit vehicle access within billeting area except for authorized access. Provide portable concrete/plastic designed barriers for herring bone barriers and for use with drop gates within the perimeter to restrict vehicular traffic. Plastic barriers must be filled as directed by Force Protection Officer.

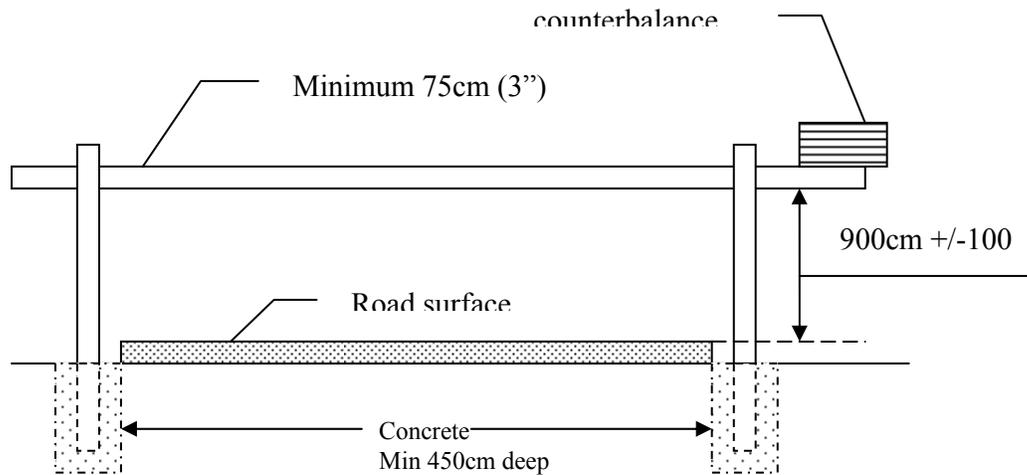


Figure 2

1.1.9.13. Clearing Barrels: Construct and emplace clearing barrels at each shelter entrance.

1.1.10. Ammunition Holding Area (AHA).

1.1.10.1. ELECTRICAL: Contractor shall provide portable lighting, and grounding system. Provide a centenary lightning protection system for the AHA containers in accordance with AR 385-64, DA PAM 385-64 and NFPA 780. Must meet 100 ft zone of protection, have less than 25 Ohms resistance to ground, and less than 1 Ohm resistance at all bonding points.

1.1.10.2. SECURITY: Erect temporary perimeter security fence with perimeter lighting at MH684303. Perimeter fence will approximately 500 meters in circumference. Provide Generator Light sets (min. 5) to illuminate perimeter security fence. Ensure one is placed directly at entrance gate for the AHA. The AHA shall be located 400m from nearest non-ammunition related structures/facilities.

1.1.11. Aviation Parking and Maintenance: Prepare all weather helicopter LZ and parking areas for four UH-60 helicopters in base camp. Provide tie down/anchor points for each aircraft. Install wind sock and temporary aircraft warning lights on existing range tower to aid pilots.

1.1.12. Motor pool.

1.1.12.1. SITE. Grade and compact soil surface for gravel parking. See sect 3.6 for standards. The entire facility consists of a graveled parking lot. Clear, grade and gravel approximately 17,700 sq. m. for vehicle parking for up to 200 vehicles. Provide and install 3 hazardous material storage containers in the Motor Pool

1.1.13. Fuel Point

1.1.13.1. FUEL POINT. The contractor shall design and install all equipment and provide all pipes, fittings, valves, wires, and associated appurtenances to construct a complete and usable system in accordance with the International Mechanical Code.

1.1.13.2. Bladder Diesel Fuel Storage Area. The fuel bladders for the diesel fuel storage area shall be as done in accordance with the manufacturer's recommendations. Provide a bermed area for fuel bag placement. Berm area

shall be constructed for two bulk 50,000 gallons of bagged diesel fuel storage. Place and install bag fuel farm, including fuel pump installation. Provide berms around the fuel bladders with an impermeable flexible membrane liner capable of containing any potential fuel spills. The containment area shall have sufficient capacity for containment of largest tank volume. The flexible membrane liner shall be factory produced from a base fabric that is completely covered with a polymer. The base fabric shall weigh no less than 0.44 kg per square meter (13 ounces per square yard) and be made of aramid (Kevlar), polyester, or nylon. The flexible membrane liner shall have an overall finished weight no less than 1.02 kg per square meter (30 ounces per square yard). Factory seams shall be made with a 50 mm (2-inch) overlap plus or minus 6 mm (¼-inch) by an automatic thermal high-pressure welding process. The flexible membrane liner shall retard the growth of mildew and be capable of containing the liquid stored, withstanding temperatures up to 82 degrees C (180 degrees F), withstanding humidity up to 99 percent relative humidity, and withstanding direct exposure to sunlight. Provide a diesel fuel pump and associated piping from the bladder tanks to the pump to deliver fuel from the bladder tanks to the fuel truck. Coordinate with

1.1.13.3. FACILITY/SITE MANAGER for pump requirements and connections. Fuel system piping shall be welded steel in accordance with the DIN 2440 and DIN 2448. Fuel systems shall be tested in accordance with the International Mechanical Code. Contractor shall design and construct a gravel storage yard with security fencing and access gates. This area will be used as an area to turn around large trucks and off load and store equipment.

1.2. SPECIAL REQUIREMENTS.

1.2.1 Contractor Planning and Feedback. Contractor shall provide critical planning documents to ODCSENG which shall include as a minimum: Construction schedule with Critical Path Identified, milestone event list, and drawings (site plan, power distribution/electrical diagram, plumbing/waste water collection system). After completion contractor will provide an “as built” drawings.

1.2.2 Applicable design criteria. Project design shall be in accordance with the latest edition of US codes and regulations as required in this Request For Quotation (RFQ). Building material standards shall be in accordance with the latest edition of European Union Engineering Norms and DINs as required in this RFQ. Any material installed that does not meet the requirements of this RFQ shall be removed and replaced with materials that meet RFQ requirements at the Contractor’s expense. The design shall be developed using the metric system of measurement. The Contractor shall convert all non-metric units of measurement found in this RFQ to metric units.

2. SERVICES SUMMARY.

Performance Objective	PWS Para	Performance Threshold
Site Preparation	1.1.1	Standards set forth in the PWS and Annex B
Power Generation and Dist	1.1.2	Standards set forth in the PWS and Annex B
Temporary Shelters	1.1.3	Standards set forth in the PWS and Annex B
Laundry Collection and Dist	1.1.4	Standards set forth in the PWS and Annex B
Temporary Ablution Units	1.1.5	Standards set forth in the PWS and Annex B
Temporary Latrine Units	1.1.6	Standards set forth in the PWS and Annex B
Waste Water	1.1.7	Standards set forth in the PWS and Annex B
Force Protection	1.1.9	Standards set forth in the PWS and Annex B
Amunition Holding Area	1.1.10	Standards set forth in the PWS and Annex B
Aviation Parking and Maint Area	1.1.11	Standards set forth in the PWS and Annex B
Motor Pool	1.1.12	Standards set forth in the PWS and Annex B
Fuel Point	1.1.13	Standards set forth in the PWS and Annex B

3. GOVERNMENT FURNISHED PROPERTY AND SERVICES. (LIST GOVERNMENT FURNISHED PROPERTY/SERVICES/EQUIPMENT, ETC.)

Number	Size	Sid H.	S.M.	SF	size (ft)	Type
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3	16X50	2.8	800	8611	52.5x164	Fest Tent
1	18X55	2.2	825	8880	59x180	Fest Tent
5	20X50	2.8	1000	10764	65.6x164	Fest Tent
1	20X45	4	900	9687	65.6x147.6	Fest Tent
1	25X40	2.2	1000	10764	82x131	Fest Tent
1	30X50	3.8	1500	16146	98.4x164	Fest Tent
1	25X60	2.2	1500	16146	82x196.8	Fest Tent
1	26X50	2.2	1300	13993	85x164	Fest Tent
21				512	16x32	GM Medium

4. GENERAL INFORMATION.

4.1. Security Requirements for access requests to Novo Selo Training Area.

4.1.1. Security screening (vetting) program for ordinarily resident persons seeking employment with the United States forces and contract organizations. Applicants for local hire will provide their full name, date and place of birth, Bulgarian National Identification Number, and other information as required. This information shall be sent to j2.mail.fobro@eur.army.mil. The Bulgarian authorities will conduct appropriate background checks to include, but not limited to: criminal activity records, intelligence records, immigration records, and conviction records for all local hire applicants.

4.1.1.1. Bulgarian authorities will conduct appropriate security screening of individuals and contract organizations.

4.1.1.2. If contract organizations are not Bulgarian, the United States will supply information gained from its own security screening procedures to Bulgarian authorities. After this, Bulgarian authorities will conduct their own security screening procedures.

4.1.1.3. Bulgarian authorities will submit completed background checks on identified applicants, identified contract organizations and any other entities seeking business or employment with the United States forces to the appropriate United States hiring or contracting authorities.

4.1.1.4. Access to agreed facilities and areas may be withdrawn or denied by Bulgarian authorities for reasons of security or due to misconduct by an individual or by a contract organization. In such cases, Bulgarian authorities shall state the reasons in writing to the appropriate United States authorities.

4.1.1.5. After receipt of positive or favorable Bulgarian security background checks, United States forces will have final determination on suitability for employment in support of United States operations or interests.

4.1.1.6. Bulgarian authorities will grant access within 10 working days, and in exceptional circumstances, no more than 15 working days, to individuals whose presence at a facility is required for the performance of a contract, if no adverse information is received from the responsible Bulgarian authority.

4.2 QUALITY CONTROL.

4.2.1. Quality Control Program. In compliance with the clause entitled "Inspection of Services", 52.246-4, the contractor shall establish a complete Quality Control Program to ensure the requirements of this contract are provided as specified. The contracting officer will notify the contractor of acceptance or required modifications to the plan before the contract start date. The contractor shall make appropriate modifications (at no additional costs to the government) and obtain acceptance of the plan by the contracting officer before the start of the first operational performance period.

4.3 QUALITY ASSURANCE. The government will periodically evaluate the contractor's performance by appointing a representative(s) to monitor performance to ensure services are received. The government representative will evaluate the contractor's performance through intermittent on-site inspections of the contractor's

quality control program and receipt of complaints from base personnel. The government may inspect each task as completed or increase the number of quality control inspections if deemed appropriate because of repeated failures discovered during quality control inspections or because of repeated customer complaints. Likewise, the government may decrease the number of quality control inspections if merited by performance. The government will also investigate complaints received from various customers located on the installation. The contractor shall be responsible for initially validating customer complaints. However, the government representative shall make final determination of the validity of customer complaint(s) in cases of disagreement with customer(s).

4.3.1 Quality Assurance Personnel (QAP):

4.3.2 The Quality Assurance Personnel (QAP(s) is the authorized government representative(s) who will perform assessments of the contractor's performance. Subsequent to contract award, the identity of the QAP(s), with a letter defining their duties and authority will be promptly furnished to the successful bidder/offeror.

4.3.3 The QAP(s) or alternate(s) will inform the contract manager in person when discrepancies occur and will request corrective action. The QAP(s) or alternate(s) will make a notation of the discrepancy on their assessment checklist with the date and time the discrepancy was noted and will request the contract manager (or authorized representative) to initial the entry on the checklist.

4.3.4 Any matter concerning a change to the scope, prices, terms or conditions of this contract shall be referred to the Contracting Officer and not to the QAP(s).

4.3.5. The services to be performed by the contractor during the period of this contract shall at all times and places be subject to review by the Contracting Officer or authorized representative(s).

4.4. PHYSICAL SECURITY. The contractor shall be responsible for safeguarding all government property provided for contractor use. At the close of each work period, government facilities, property, and materials shall be secured. .

4.4.1. Key Control. The contractor shall establish and implement methods of ensuring that all keys/key cards issued to the contractor by the government are not lost or misplaced and are not used by unauthorized persons. (NOTE: ALL REFERENCES TO KEYS ALSO INCLUDE KEY CARDS. NO KEYS ISSUED TO THE CONTRACTOR BY THE GOVERNMENT SHALL BE DUPLICATED. THE CONTRACTOR SHALL DEVELOP PROCEDURES COVERING KEY CONTROL THAT SHALL BE INCLUDED IN THE QUALITY CONTROL PLAN. SUCH PROCEDURES SHALL INCLUDE TURN-IN OF ANY ISSUED KEYS BY PERSONNEL WHO NO LONGER REQUIRE ACCESS TO LOCKED AREAS).

4.4.1.1. The contractor shall immediately report the occurrences of a lost or duplicate key to the contracting officer.

4.4.1.2. In the event keys, other than master keys, are lost or duplicated, the contractor shall, upon written direction of the contracting officer, rekey or replace the affected lock or locks; however, the government, at its option, may replace the affected lock or locks or perform rekeying. When the replacement of locks or rekeying is performed by the government, the total cost of rekeying or the replacement of the lock or locks shall be deducted from the monthly payment due the contractor. In the event a master key is lost or duplicated, all locks and keys for that system shall be replaced by the government and the total cost deducted from the monthly payment due the contractor.

4.4.1.3. The contractor shall prohibit the use of keys issued by the government by any persons other than the contractor's employees. The contractor shall prohibit the opening of locked areas by contractor employees to permit entrance of persons other than contractor's employees engaged in the performance of assigned work in those areas, or personnel authorized entrance by the Contracting Officer.

4.4.2. Lock Combinations. The contractor shall establish and implement methods of ensuring that all lock combinations are not revealed to unauthorized persons. The contractor shall ensure that lock combinations are

changed when personnel having access to the combinations no longer have a need to know such combinations. These procedures shall be included in the contractor's Quality Control Plan.

4.5. HOURS OF OPERATION.

4.5.1. Facilities and Services shall be fully operable and available 24/7.

4.6. CONSERVATION OF UTILITIES. The contractor shall instruct employees in utilities conservation practices. The contractor shall be responsible for operating under conditions which prevent the waste of utilities which include the following:

4.6.1. Lights shall be used only in areas where and when work is actually being performed.

4.6.2. Mechanical equipment controls for heating, ventilation, and air conditioning systems shall not be adjusted by the contractor or by contractor employees unless authorized.

4.6.3. Water faucets or valves shall be turned off after the required use has been accomplished.

4.6.4. Government telephones shall be used only for official government business.

4.7. RECORDS. The contractor shall be responsible for creating, maintaining, and disposing of only those government required records that are specifically cited in this PWS. If requested by the Government, the contractor shall provide the original record, or a reproducible copy of any such record within five working days of receipt of the request.

4.8. ENVIRONMENTAL CONTROLS:

4.8.1. Compliance with Laws and Regulations. The contractor shall be knowledgeable of and comply with all applicable applicable US and host nation laws and regulations and requirements regarding environmental protection. In the event environmental laws/regulations change during the term of this contract, the contractor is required to comply as such laws come into effect. If there is an increase or decrease in cost as a result of the change, the contractor shall inform the Contracting Officer pursuant to notice requirements and negotiate a modification to the contract.

4.8.2. Notification of Environmental Spills. If the contractor spills or releases any substance contained in 40 CFR 302 into the environment, the contractor or its agent shall immediately report the incident to Hill AFB Fire Dept at 777-1911. The liability for the spill or release of such substances rests solely with the contractor and its agent.

4.8.3. Material Storage and Use. The contractor shall follow manufacturer's guidelines and professional recommendations for control of humidity, temperature, cleanliness, and materials handling. This includes hazardous materials.

4.9. GOVERNMENT OBSERVATIONS. Government personnel, other than contracting officers (COs) and quality assurance personnel (QAPs), may from time-to-time, with CO coordination, observe contractor operations. However, these personnel may not interfere with contractor performance or make any changes to the contract.

4.10. SAFETY REQUIREMENTS. In performing work under this contract, the contractor shall:

4.10.1. Conform to the safety requirements contained in the contract for all activities related to the accomplishment of the work.

4.10.2. Take such additional immediate precautions as the contracting officer may reasonably require for safety and mishap prevention purposes.

4.10.3. Develop and provide at the start of the orientation period or the start of the first operational performance period (if there is no orientation period) a safety plan for the protection of government facilities and property and to provide a safe work environment for contractor personnel.

4.10.4. Provide protection to government property to prevent damage during the period of time the property is under the control or in possession of the contractor.

4.10.5. Include a clause in all subcontracts to require subcontractors to comply with the safety provisions of this contract as applicable.

4.10.6. Record and report promptly (within one hour) to the contracting officer or designated government representative (GR), all available facts relating to each instance of damage to government property or injury to either contractor or government personnel.

4.10.7. In the event of an accident/mishap, take reasonable and prudent action to establish control of the accident/mishap scene, prevent further damage to persons or property, and preserve evidence until released by the accident/mishap investigative authority through the contracting officer.

4.10.8. If the government elects to conduct an investigation of the accident/mishap, the contractor shall cooperate fully and assist government personnel in the conduct of investigation until the investigation is completed.

4.10.9. Include a clause in each applicable subcontract requiring the subcontractor's cooperation and assistance in accident reporting and investigation.

4.11. PARTNERING AGREEMENT. The contracting officer may require a partnering agreement between the government and the contractor to ensure joint cooperation and a sound partnership of all parties involved in the execution of this contract. Partnering is the creation of a government-contractor relationship that promotes achievement of mutually beneficial goals. It involves an agreement in principle to share the risks involved in completing the project and to establish and promote a nurturing partnership environment. Representatives from each organization are encouraged to participate in developing the partnering agreement. Suggested representation is the civil engineer manager, the government inspector, the government contract administrator, the contractor's manager and the contractor's quality control person. All costs for the partnership agreement should be shared equally between the government and contractor. This group is responsible for developing a formal partnering agreement that should be signed by all parties involved. The agreement should contain as a minimum: specific goals to be reached and a list of objectives to reach the goals, a set of metrics to evaluate the objectives, a frequency for meetings to review the metrics, and a statement of cooperation to execute the terms of the agreement.

4.12 PHASE OUT:

4.12.1 If there is a change in contractor or if the operation reverts to in-house, the incumbent contractor will provide familiarization, to the government or the follow-on contractor, whichever the case may be. During the phase-out familiarization period, the incumbent will be fully responsible for operation.

4.12.2 The government reserves the right to conduct site visits in all contractor operated facilities in conjunction with the solicitation of offers for the follow-on contract. In the event the follow-on contract is awarded to other than the incumbent, the incumbent contractor will cooperate to the extent required to permit an orderly change over to the successful contractor. With regard to the successor contractor's access to incumbent employees, a recruitment notice may be placed in each facility.

4.13 PUBLICATIONS:

4.13.1 Compliance with all publications, regulations and operating instructions provided by the Government is required when:

4.13.2 They pertain to the procedures for materials expediting herein and where the contractor is

authorized by the statement of work to accomplish the work specified in the publication, regulation or operating instructions.

4.13.3 The publications prescribe USA policies, use of materials, procedures and processes applicable to the work requirements.

4.13.4 The contractor is required to acquire and work on the latest version of the publication

5. CONTRACTOR MANPOWER REPORTING

5.1. The Contractor shall report all Contractor manpower (to include subcontractor manpower) employed for the performance of this contract. The Contractor shall complete all required fields in the reporting system using the web address: <https://contractormanpower.army.pentagon.mil/>. The reporting activity will assist the Contractor with the reporting requirement as necessary. The Contractor may enter reports at any time during the reporting period, which is defined as the contract's period of performance not to exceed 12 months ending 30 September of each Government fiscal year. Reporting must be completed no later than 31 Oct following the fiscal year during which the contract is in place. Reporting must be completed for every year or part of a year for which the contract is in place. Failure to comply with this reporting requirement will result in contract termination.

6. ANNEXES

- A. Acronyms & Abbreviations List
- B. Red Book
- C. Site Location
- D. Sample Base Camp Layout
- E. Fuel Specifications

ANNEX A - ACRONYMS AND ABBREVIATIONS LIST

<u>Acronym/Abbreviation</u>	<u>Definition</u>
CFR	Code Federal Regulation
CO	Contracting Officer
DEPT	Department
DOD	Department of Defense
FAR	Federal Acquisition Regulation
GR	Government Representative
OSHA	Occupational Safety and Health Act
PBSA	Performance Based Service Acquisition
PWS	Performance-Based Work Statement
QA	Quality Assurance
QAP	Quality Assurance Personnel
QCP	Quality Control Program
SS	Services Summary
USA	United States Army



BASE CAMP FACILITIES STANDARDS

For

CONTINGENCY OPERATIONS



This book effective 01 FEB 2004



DEPARTMENT OF THE ARMY
UNITED STATES ARMY, EUROPE, AND SEVENTH ARMY
UNIT 29351
APO AE 09014-9351

AEAEN

MAR 31 2004

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: United States Army, Europe (USAREUR), Base Camp Facilities Standards

1. This handbook is the standard for all U.S. Forces occupying base camp facilities (for example, main base camps, forward operating bases, outposts) in contingency operations areas where USAREUR has Title 10 authority. The intent of this book is to provide personnel at base camps with adequate living and working facilities while being good stewards of taxpayer dollars.
2. This book outlines standards for facility maintenance, housing, master planning, service-member support, unit facilities, and utilities for all bases. Commanders at all levels must ensure the quality-of-life standards in this book are met, but not exceeded. Commanders will also ensure that all facilities comply with the requirements of this book.
3. Any requests for exceptions to the standards in this book must be sent through the Office of the Deputy Chief of Staff, Engineer, HQ USAREUR/7A, to me for decision.

FOR THE COMMANDER:

A handwritten signature in black ink, appearing to read "Will. E. Ward".

WILLIAM E. WARD
Lieutenant General, USA
Deputy Commanding General/
Chief of Staff

DISTRIBUTION:

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BASE CAMP FACILITY STANDARDS

Contingency Operations

1. GENERAL. These standards apply to base camp (Main Base Camps, Forward Operating Bases, and Outposts) facilities for all US forces operating in designated US Army, Europe (USAREUR) contingency areas, consistent with the designation of Headquarters (HQs), USAREUR as having Title X responsibility for the combatant commander in the European Command (EUCOM) Area of Responsibility (AOR). When USAREUR is identified as having administrative and support responsibilities per Title X, US Code, the result is Administrative Control authority (ADCON) as outlined in joint doctrine. Definition of ADCON is as follows:

“ADCON (JP 1-02): direction or exercise of authority over subordinate or other organizations in respect to administration and support, including organization of service forces, control of resources and equipment, personnel management, unit logistics, individual and unit training, readiness, mobilization, demobilization, discipline, and other matters not included in the operational missions of the subordinate or other organizations.”

a. This publication provides guidance for the planning and development of contingency base camps that support associated missions IAW with Joint Publication 4-04 (Joint Doctrine for Civil Engineering Support). This handbook also addresses base camp development planning for the orderly and efficient management and development of land, facilities and infrastructure in support of the mission. Master planning provides an integrated strategy for construction and maintenance of required facilities at the best possible cost. The level of detail of the Base Camp Master Plan depends on the maturity of the location, the speed at which the operational need for a base camp develops, and the expected length of stay.

b. The intent of this handbook is to provide personnel with the safe and adequate living and working conditions in the theater of operations. Authorized levels of support are derived from Army Regulations and from years of lessons learned in the field. The goal of this handbook is to take the intent of installation-type Army Regulations and apply them to contingency operations. All suggested changes and additions to authorized facilities should be made to Office of the Deputy Chief of Staff, Engineers (ODCSENG), USAREUR.

c. This handbook is not intended to address all aspects of the base camp planning process.

2. CONSTRUCTION STANDARDS AND BASE CAMPS.

a. Peacetime contingency operations (CONOPS) are politically and time sensitive. They use tailored forces, are usually short in duration, and joint or combined in scope. A basic tenet is to rapidly project military forces consistent with the factors of Mission, Enemy, Terrain, Troops, and Time Available in order to bring the contingency to closure under conditions favorable to the United States.

b. The combatant commander specifies the construction standards for facilities in the theater. The standards are established to ensure that projects support the commander's intent and concept of operations. These standards are intended to minimize the engineer effort expended on any given facility while assuring that the facilities promote sufficient quality for personnel health and safety and mission accomplishment. Protective construction shall be provided for all facilities in accordance with US EUCOM Operations Order 01-01, Antiterrorism/Force Protection. The following construction standards apply to this handbook:

(1) INITIAL. Characterized by austere facilities requiring minimal engineer effort. Intended for immediate operational use by units upon arrival for a limited time ranging up to 6 months. May require replacement by more substantial or durable facilities during the course of operation. The initial standard facility list includes only critical facilities.

(2) TEMPORARY. Characterized by austere facilities requiring additional engineer effort above that required for initial standard facilities. Intended to increase efficiency of operations for use up to 24 months. Provides for sustained operations. Replaces initial standard in some cases where mission requirements dictate. The temporary standard may be used initially if so directed by the combatant commander. Temporary standards provide a wider selection of minimum facilities, thereby increasing the efficiency, safety, durability, morale, and health standards of personnel on operations.

(3) SEMI-PERMANENT. Designed and constructed with finishes, materials, and systems selected for moderate energy efficiency, maintenance, and life cycle cost and with a life expectancy of more than 2 years, but less than 25 years. For the purposes of this book, semi-permanent constructions standards will be considered when length of operations are greater than 2 years and the types of structures to be considered will be dependent upon duration. Semi-permanent standards may be used initially if so directed by the combatant commander.

c. Facilities governed by this publication will be initial, temporary, or semi-permanent unless USAREUR specifically approves permanent construction.

d. Base camps are categorized as: Main Base Camps, Forward Operating Bases, or Outposts. Main Base Camps, occupied by a battalion task force or larger unit, (US population of 500 or more) are continuously operated camps with command, staff, and logistic functions. Forward Operating Bases are normally occupied by company-sized units and operated on a continuous basis. Outposts are normally used for short term, operationally defined missions (examples checkpoints and observation posts), platoon or squad sized, and will have limited services.

e. The Office of the Secretary of Defense (OSD) and EUCOM has developed terms expressing the future basing of forces. The terms will become commonplace and their definitions are based on mission-type rather than camp population size as found in the Red Book. The current terms Main Base Camp, Forward Operating Base, and Outpost will continue to be used in the Red Book because the level and type of facilities and support services are based on camp population size rather than mission.

OSD Terms	EUCOM Terms	Definition
Power Projection Hub		Forward infrastructure to project forces globally or regionally. Permanently stationed U.S. forces. Usually consists of multiple joint and service bases. Example – Ramstein-Kaiserslautern-Landstuhl complex of bases.
Main Operating Base	Main Operating Base	Permanent base with robust infrastructure. Usually single service, but may be joint. Supports training and Security Cooperation. Established command and control. Enduring family support facilities. Example would be Grafenwoehr.
Forward Operating Site (FOS)	Forward Operating Base (FOB)	Rotational use by operational forces. May be a Joint FOS or FOB. Small permanent party. Can be scaled to fit various force structures and can support sustained operations. May contain prepositioned equipment. Example would be Camp Bondsteel, Kosovo.

OSD Terms	EUCOM Terms	Definition
Cooperative Security Location (CSL)	Forward Operation Location (FOL)	Austere infrastructure with no permanent party. May be a Joint CSL or FOL. May contain prepositioned equipment. Relies on contractor and local labor support. Would provide forces with a base to train or rapid onward movement to trouble spots.

3. BASE CAMP DEVELOPMENT PLANNING

a. Master Planning. Master planning provides an integrated long-term strategy for construction and maintenance of facilities. The intent is to provide needed facilities at the best possible cost. The Base Camp Planning Board (BCPB) develops and maintains the master plan and conducts long-range, short-range, and capital investment planning. Master planning produces the requirements USAREUR validates and resources. A detailed discussion on Master Planning is contained in Annex 1 of this handbook.

b. Facilities Standards Development. Army regulation governing military installations may not entirely apply to contingency operations. This handbook takes the intent of those regulations and applies them to contingency operations. This handbook describes the standards for housing, unit facilities, soldier support facilities, and utilities. Supported unit commanders or activity heads will not deviate from these standards without the written approval of the Deputy Commanding General (DCG), USAREUR. Requests to deviate from Red Book standards or to establish a new standard will be submitted to the USAREUR ODCSENG. The DCSENG is responsible for staffing the request and submitting it to the DCG for decision. This process is intended to ensure effective use of resources and equitable standards for all personnel serving throughout the Area of Operation.

c. Resource Management. Resource managers will track base camp projects approved in accordance with master plans separately from repair and maintenance projects. Construction projects contained in the approved master plan will be prioritized and implemented in the order of prioritization. New construction will be tracked using a system reporting the start of construction, a weekly percent of progress, and final date for completion of construction.

(1) Project requests exceeding \$50,000 require USAREUR approval.

(2) All requirements that exceed Red Book standards, regardless of the cost, must be forwarded to USAREUR for approval. The USAREUR Green Book covers this process in detail.

(3) Facilities supporting North Atlantic Treaty Organization (NATO) Operations / Contingents. Whenever mission or support requirements at a US/NATO co-use base camp or headquarters installation require the construction of a US/NATO shared facility, or the upgrade or restoration of existing US/NATO shared facilities (which support NATO units, activities, or personnel contingents), the local US Commander is required by Title X to first pursue eligibility for NATO funding. The US Commander is advised to contact the ODCSENG, G-5/NATO Section for guidance, and the local NATO contingency headquarters Engineer to obtain support for a NATO project submission. The project must then undergo three further NATO approval levels to secure full or partial NATO funding support. If the project receives no NATO support, or only partial NATO support (i.e. to the NATO "Minimum Military Requirement"-level), then US CONOPS funds may be requested/used; but only to the Red Book level based on the current US population at that installation.

(4) Wherever possible, specialized technical requirements for the missions of other services will be accommodated through the existing Joint Acquisition Review Board (JARB) process. In these instances, the proponent activity or service will specify the particular technical requirements to be

addressed as part of the JARB presentation of the proposed project. For example, United States Air Force, Europe is the service proponent for technical specifications dealing with safety-of-flight issues at planned/existing airfields.

4. FACILITIES STANDARDS.

a. The combatant commander specifies the construction standards for facilities in the theater. The standards are established to ensure that facilities support the commander's intent and concept of operations. The standards are intended to minimize the engineer effort expended on any given facility while assuring that the facilities promote sufficient quality for personnel health, safety and mission accomplishment.

b. The intended life span of the facilities and infrastructure of a base camp depend upon mission-driven and economic decisions. For the purpose of this handbook, there are three sets of construction standards that are determined by expected base camp life span. During the life cycle of a base camp, authorized facilities may progress from initial to semi-permanent, or may be immediately established at any level depending on operational requirements. It is understood that meeting these facility standards may be a progressive effort. However, combatant commanders will strive to meet the standards contained in this handbook as quickly as the operational situation permits.

Table 4-1 Initial, Temporary, and Semi-Permanent Facilities

FACILITY	INITIAL (<6 Months)	TEMPORARY (6 Months to <24 Months)	SEMI-PERMANENT (2 Years to <25 Years)
Roads	Gravel	Gravel	Primary Roads: Asphalt with concrete turning pads Secondary & Perimeter Patrol Roads: Gravel
Dining Facility (DFAC)	MKT Trailer/Organic Tentage with wooden floors/Tier I Tents/Force Provider (FP)*	Tier III Tents/South East Asia Hut (SEAhuts)/ Fest Tent	SEAhuts – 2-10 Years Masonry/Prefabricated building – 10+ Years
Housing	Organic Tentage with wooden floors/Tier I Tents/FP	Tier III Tents /SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated Buildings – 10+ Years
Latrines and Septic Systems	Organic equipment, Evaporative ponds, Pit burnout latrines, Lagoons for hospitals/FP	Waterborne from ablution (AB) units or SEAhuts to austere treatment facility	Waterborne to wastewater treatment plant from SEAhuts/AB units – 2-10 Years Masonry/Prefabricated Buildings – 10+ Years
Shower	Organic equipment/FP	AB units/SEAhuts	SEAhuts/AB units – 2-10 Years Masonry/Prefabricated Buildings – 10+ Years

FACILITY	INITIAL (<6 Months)	TEMPORARY (6 Months to <24 Months)	SEMI-PERMANENT (2 Years to <25 Years)
Office	Organic Tentage with wooden floors/ Tier I Tents/FP	Tier III Tents /SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated Buildings – 10+ Years
Supply Support Activity (SSA)/Warehouse	Organic Tentage with wooden floors/ Tier I Tents/FP	Metal prefabricated building	Metal prefabricated building
Direct Exchange (DX)/Central Issue Facility (CIF)	None	Tier III Tents /SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Finance and Personnel Support Operations	None	Tier III Tents /SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Postal Facility	None	Metal prefabricated building	Metal prefabricated building
Laundry Collection/Distribution Point	Organic Tentage with wooden floors/ Tier I Tents/FP	Tier III Tents/ SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Helipad	Tactical surfacing, including matting	Concrete with aprons	Concrete with aprons
Runway and Taxiway	Tactical surfacing, including aggregate and stabilized earth	Paved	Paved
Aviation Fuel	HMMET tanker	Bladder	Metal tanks/Steel lines
Squadron Operations Building	Organic Tentage with wooden floors/ Tier I Tents/FP	SEAhuts/Metal prefabricated building	SEAhuts/Metal prefabricated buildings – 2-10 Years Masonry/Metal prefabricated buildings – 10+ Years

FACILITY	INITIAL (<6 Months)	TEMPORARY (6 Months to <24 Months)	SEMI-PERMANENT (2 Years to <25 Years)
Aviation Maintenance	Organic Tentage/FP	Aviation Clamshell Tent with sand-filled plywood, asphalt, or concrete floor	Aviation Clamshell Tent with sand-filled plywood, asphalt, or concrete floor
Communications Compound/Network Service Center (NSC)	Organic Tentage with wooden floors/Tier I Tents/FP	Tier III Tents/SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Medical (See Medical Section for further guidance)	Organic Tentage with wooden floors/Medical Tents/Tier I Tents	SEAhuts/Medical metal prefabricated buildings	SEAhuts/Medical metal prefabricated buildings – 2-10 Years Masonry/Medical metal prefabricated buildings – 10+ Years
Vehicle Maintenance	Organic Tentage/FP	Metal, two-story prefabricated building on concrete base with concrete aprons	Metal, two-story prefabricated building on concrete base with concrete aprons
Ground Fuel	Organic equipment/Bags/FP	Bladders	Metal tanks with steel lines
Hazardous Waste	Removal from theater	Covered, built on elevated pad with secondary containment (Civilian contract removal)	Covered, built on elevated pad with secondary containment (Civilian contract removal)
Hazardous Materials Warehouse	None	SEAhuts/Metal prefabricated building	SEAhuts/Metal prefabricated buildings – 2-10 Years Masonry/Metal prefabricated buildings – 10+ Years
Parking Lots	Gravel	Gravel with concrete turning pads for track vehicles	Gravel with concrete turning pads for track vehicles
Direct Support (DS) Maintenance	Organic Tentage/FP	Metal, two-story prefabricated building on concrete base with concrete aprons	Metal, two-story prefabricated building on concrete base with concrete aprons
Kennel	Organic Tentage/Tier I Tents	SEAhuts with concrete floor/Container	SEAhuts with concrete floor/Container
Morgue	Refrigerated container	SEAhut/Container	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated buildings – 10+ Years

FACILITY	INITIAL (<6 Months)	TEMPORARY (6 Months to <24 Months)	SEMI-PERMANENT (2 Years to <25 Years)
Defense Reutilization and Marketing Office (DRMO)	None	Metal prefabricated building with concrete or asphalt floor with gravel holding area	Metal prefabricated building with concrete or asphalt floor with gravel holding area
Ammunition Supply Point (ASP)	Containers	Containers to Bunkers	Bunkers
Basic Load Ammunition Holding Areas (BLAHA)/Captured Ammunition Holding Areas (CAHA)	MILVANS with earth berms	Earth covered standard steel reinforced bunkers on concrete pads with berms	Earth covered standard steel reinforced bunkers on concrete pads with berms
Wash Rack	Gravel lot	Gravel lot	Elevated, flat, and container rack with oil/water separator
Fire Protection	Organic equipment/Portable Fire Extinguishers	See Paragraph 5.gg.	See Paragraph 5.ff.
Training Facilities	None	See Paragraph 5.hh.	See Paragraph 5.gg.
Military Police (MP) Station	Organic Tentage with wooden floors/ Tier I Tents/FP	Tier III Tents/ SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Area Support Group (ASG)	None	Tier III Tents/ SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Electric	Tactical generators with high and low voltage distribution/Organic equipment/FP	Commercial power with nontactical power with high or low voltage distribution backup	Commercial power with nontactical power with high or low voltage distribution backup
Non-Potable Water	Local source	Local source	Local source
Potable Water	Bottle/Water points, Wells, and/or other potable water production and pressurized water distribution systems/ROWPU/FP	Wells/Treatment plants	Wells/Treatment plants
Cold Storage	Portable refrigeration with freezer units for medical, food, and	Refrigeration installed in temporary structures	Refrigeration installed in semi-permanent structures – may be pre-

FACILITY	INITIAL (<6 Months)	TEMPORARY (6 Months to <24 Months)	SEMI-PERMANENT (2 Years to <25 Years)
	maintenance storage		engineered buildings
Chapel	Organic Tentage with wooden floors/Tier I Tents/Chapel-in-a-Box/FP	SEAhut	Davidson-like wood from building/SEAhuts – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Education Center	None	Tier III Tents/SEAhuts	SEAhuts – 2-10 Years Masonry/Prefabricated building – 10+ Years
Barber/Beauty Shop	None	Tier III Tents/ SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Alteration/Pressing Shop	None	Tier III Tents/ SEAhuts/Containers	SEAhuts/Containers – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Post Exchange (PX)	AAFES Trailer	Davidson-like wood frame building/Metal prefabricated building	Metal prefabricated building
PX Warehouse	AAFES Trailer	Davidson-like wood frame building/Container/Metal prefabricated building	Metal prefabricated building
Fitness Center	None	SEAhuts	SEAhuts – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Field House/Multipurpose Facility	None	Metal prefabricated building	Metal prefabricated building
Athletic Fields	None	Grassed fields	Grassed fields with lights
Community Activity Center	None	SEAhuts	SEAhuts – 2-10 Years Masonry/Prefabricated buildings – 10+ Years
Multi-Purpose Theater	None	Metal Prefabricated Building	Metal Prefabricated Building
Morale, Welfare and Recreation (MWR) Warehouse/Maintenance Facility	None	Metal prefabricated building	Metal prefabricated building
American Forces Network (AFN) Manned Operations	None	Container/SEAhut	Container/SEAhut/Metal prefabricated building
AFN Unmanned Operations	None	Container/SEAhut	Container/SEAhut/Metal prefabricated building
Solid Waste	Field incinerator	Incinerator/Civilian contract and Recycling when	Incinerator/Civilian contract/Recycling

FACILITY	INITIAL (<6 Months)	TEMPORARY (6 Months to <24 Months)	SEMI-PERMANENT (2 Years to <25 Years)
		possible	program/Composting
Medical Waste	Field incinerator	Incinerator/Civilian contract	Incinerator/Civilian contract
Perimeter Fence	Triple standard	US Army Corps of Engineers (USACE) Standard FE-6 Chain Link fence w/outrigger	USACE Std FE-6 Chain Link fence w/outrigger
Perimeter Lights	Generator sets	Fixed lighting	Fixed lighting

* Force Provider: Each Module Supports 550 personnel (+50 operators) with Climate Controlled Billeting--TEMPER (15 soldiers per tent), Quality Food Service (1800 meals/day "A" rations), Laundry Service (200 lbs hour), Showers & Latrines (one 10 minute shower/day), Morale, Welfare and Recreation Facilities and Equipment, Power, 60 kW TQGs (1.1 MW Continuous), Prime Power Connection Kit, Water Storage & Distribution (80K gals/3 days), Fuel Storage & Distribution (20K gals/3 days), Waste Water Collection (30K gals/day), System Support Packages (30 days spare & repair parts)

5. MAIN BASE CAMP FACILITIES. Main Base Camps are those occupied by a battalion task force or larger unit (US population of 500 or more.) They are continuously operated camps with command, staff, and logistic functions. The standards outlined in this section apply to all Main Base Camps. Since the initial construction standards consist mainly of unit organic equipment or possibly Force Provider, the discussion below concentrates on Temporary construction standards.

a. *Roads*: Primary roads identified by commanders on base camp master plans are authorized for paving with asphalt. Primary roads are considered to be the major camp arteries that support the majority of vehicle traffic through the camp. Concrete turning pads are authorized to prevent damage to asphalt roads. Secondary and perimeter patrol roads are to be surfaced with gravel.

b. *Dining Facilities*: Dining facilities will provide 640 SF of dining room space and 320 total SF of kitchen, admin, and storage space per 750 authorized users. Adequate space for cleaning, latrine, and clothes changing for local national kitchen staff will be provided. Sanitary Wall Board (SWB) or other water-proof material will be used in the kitchen and latrine areas. Loading dock can be concrete, asphalt, or treated lumber. Portable sanitary hand-washing stations will be located at the entrance of the DFAC.

c. *Housing Standards*: Table 5-1 gives the authorized (maximum allowable) square footage for Unaccompanied Personnel Housing (UPH) billeting space for soldiers, civilians and contractors. Table 5-2 gives the authorized (maximum allowable) square footage for UPH billeting space for civilians and contractors who are deployed greater than 6 months. Table 5-3 gives the authorized (maximum allowable) square footage for UPH billeting space for soldiers who are deployed greater than 6 months. Figure 5-1, shows how SEAhuts are organized into company groupings (“clusters”), with a collocated latrine and shower container. A standard SEAhut is 512 SF (equivalent to a GP Medium Tent), with a standard SEAhut cluster (Davidson) having 5 bays and a latrine, for a total of 2,944 SF. SEAhut structures provide a higher level of safety and comfort and will be provided with linoleum flooring. SEAhuts organized in this manner minimize the distance personnel are required to walk to shower and latrine facilities and increases unit cohesion by maintaining company, platoon and squad integrity.

Table 5-1 Housing Standards

Category	Number Per Standard SEAhut/GP Medium Tent (or equivalent) (16' X 32')	Number Per Standard Container (8' X 20')
E1-E5; GS-5 & below, NF 1/2; Civilian WG 1-11 or WL 1-5; Contracted Laborers	6	2
E6-E7; WO1/2; O1/2; GS 6-9, NF 3; civilian WS 1-7; educators Schedule C1-3	4	2
E8, CW-3/4, O3/4; GS 10-12, NF4; Educators Schedule C4 and up, D-F, M-O and teaching principals - schedule L	3	2
E-9, CW5, O5/6; GS 13-15, NF5	2	1
O7; SES; NF6	1	1

(1) Private (containerized or partitioned SEAhut) and Semi-Private billeting space for the housing of long-term (exceeding 6 months) government civilian/ all contractor employees and soldiers will be

considered, but no guaranteed, in camp planning. The USAREUR G4 determines grade equivalencies for contractor employees. The ASG Commander makes any decisions to resolve private room availability for long-term civilian/contractor employees and soldiers at base camps.

Table 5-2 Housing Standards for long-term Civilian and Contractor Employees (>6 Months)

Category	SEAhut/GP Medium Tent (or equivalent) (16' X 32')	Number Per Standard Container (8' X 20')
GS 8 & Below; NF 1/2; Civilian WG 1-11 or WL 1-5	2 Personnel/Room (16' X 16') with 2 Rooms/SEAhut	1
GS 9-12; NF 3; Civilian WS 1-7; Educators Schedule C1-3	1 Personnel/Room (8' X 16') with 4 Rooms/SEAhut	1
GS 13 & Above; NF4; Educators Schedule C4 & Above; D-F, M-O and Teaching Principals – Schedule L	1 Personnel/Room (16' X 16') with 2 Rooms/SEAhut	1
SES, NF6	1 Personnel/Room (16' X 32') with 1 Room/SEAhut	1

Table 5-3 Housing Standards for long-term Soldiers (>6 Months)

Category	SEAhut/GP Medium Tent (or equivalent) (16' X 32')	Number Per Standard Container (8' X 20')
E1-E6	2 Personnel/Room (16' X 16') with 2 Rooms/SEAhut	1
E7-E8, WO1/2, CW3/4, O1-O4	1 Personnel/Room (8' X 16') with 4 Rooms/SEAhut	1
E-9, CW5, O5-O6	1 Personnel/Room (16' X 16') with 2 Rooms/SEAhut	1
O7 & Above	1 Personnel/Room (16' X 32') with 1 Room/SEAhut	1

(2) All 230 and 120 Volt Electric outlets in the entire SEAhut will be protected by not more than 30 mAmp Ground Fault Circuit Interrupter (GFCI) or other similar performing device. Highest protection level

will be selected to protect against electric shock hazard. Where practical, housing should be configured into company clusters with ablution units collocated within the clusters. Standard walkways of a minimum of 5 feet wide will be constructed for each side of the SEAhuts to allow personnel to walk under cover to ablution unit. Sufficient space will be maintained between structures to allow fire trucks and other safety vehicles driving space. Carpet is not authorized in living or office areas.

(3) Furniture authorized for deployed soldiers and civilians:

one bed, bunk/single
 one mattress single foam rubber with non-plastic shell
 one-foot locker
 nail boards on walls of living areas
 locally built shelves made of plywood

(Note: Units presently exceeding this standard are authorized to keep the excess furnishings on hand.)

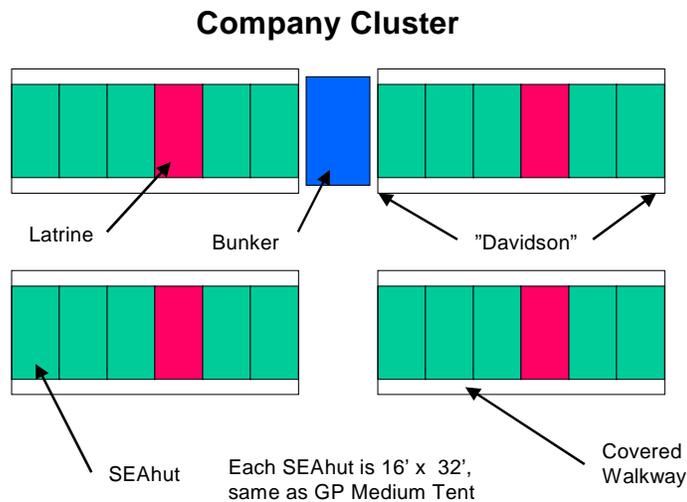


Figure 5-1

d. *Surge Housing*: All base camps will maintain the ability at all times to house 10% of total population as transients and surges. During surge periods that exceed 10%, Tier II tents (maximum) will be used for housing. Tier level for tents is as follows:

(1) Tier I consists of a GP Medium Field Tent or equivalent (Temper)(16' x 32') with plywood floor panels.

(2) Tier II consists of a GP Medium Field Tent or equivalent (Temper) with plywood floor panels, two electric light outlets, two electrical outlets and space heaters.

(3) Tier III consists of a GP Medium Field Tent or equivalent (Temper), full wooden frame for tent, plywood panel sidewalls, raised insulated flooring, four electric light outlets, eight electrical outlets and Environmental Control Units (ECUs).

e. *VIP/Guest Quarters*: Each TF headquarters is authorized 2,944 SF (1 Davison SEAhut) for VIP and guest quarters. All other main Base Camps are authorized 512 SF of VIP/ guest quarters.

f. *Toilets and Shower Facilities:*

(1) Toilet and shower facilities will be lighted, heated and equipped with hot and cold water. SWB is the preferred wall covering for latrines. Sheetrock, if used, must be waterproof, with a waterproof finish for cleaning.

(2) A shower head/population ratio of 1:10 is the goal for all base camps.

(3) A Toilet/population ratio of 1:10 is the goal for all base camps.

g. *Unit Facilities:* Table 5-4 gives the standards for office size.

Table 5-4 Utilization Guidelines for Office Space

PERSONNEL	MAXIMUM NSF/PERSON
Private Offices	
Brigadier and Major Generals	300
Colonel, O5 Commanders, GS-15, TF CSM	200
LTC, O4 Commanders, GS-13/14, Bde/Bn CSM	150
MAJ, O3 Commanders, GS-12, SGM, 1SG	100
Utilization Guidelines for Open Offices	
GS-9/11, E8, WO, O1-O3	110
GS-7, E7	90
Stenographic and Clerical Positions	60

NOTE: Applies ONLY to military units/organizations and personnel. Admin space for MWR and commercial functions are discussed separately.

To calculate total building size, add an additional 40% for central files, hallways, storage, copier, mail, and conference rooms.

h. *Task Force HQ:* The size of the HQ is situation dependent, based on the standards in Table 5-4. USAREUR headquarters has approval authority over the final design. The HQ should include, but is not limited to:

- (1) USACE Standard FE-6 Chain Link fence w/outrigger
- (2) Gravel parking lots.
- (3) Exterior security lighting that can be turned off using a single emergency switch that is available to the security forces.
- (4) Secure Compartmentalized Information Facility (SCIF)
- (5) A facility to house the TOC operation.
- (6) CG building.
- (7) SEAhut style buildings for primary staff offices.
- (8) Communications platforms and shelters.

(9) Command bunkers.

(10) Guard shacks.

i. *Supply Support Activity/Warehouse*: Each task force is authorized a SSA facility. The size of the SSA is dependent upon equipment density, troop strength, and classes of supply to be supported. Warehouses are for long-term storage. Military Vans (containers) (MILVANS) are for transportation only. MILVANS will be unloaded promptly, less than 7 working days, and returned to the transportation system. Leased MILVANS will never be held for storage or modified; holes cut or parts welded on. Warehouses will not be used for long-term housing of excess government property. Each Bde is authorized a 10,000 SF warehouse in addition to the Task Force SSA.

j. *Direct Exchange/Central Issue Facility*: Each task force is authorized a DX/CIF with a gravel holding yard with chain link fence. The DX/CIF facility space is authorized at a rate of 1,000 SF/1,000 personnel supported.

k. *Finance and Personnel Support* : Each Task Force is authorized a Finance Center and Personnel Support operations. Each Finance and Personnel Support Detachment is authorized 2,944 SF each. Authorized space can be divided among various camps based on the needs of the task force. For the Finance Detachment, this will include space for a 5'x 8' pay cage, 8'x 9' walk-in vault that should be pre-positioned and customer service area.

l. *Postal Facility*: The square footage of this building will not exceed the standard as outlined in DOD 4525.6M, Vol.1, Section 13. The facility will service Task Force mail for all branches of services. Facility must be 20 meters from any other structure.

m. *Laundry Collection/Distribution Point*: 512 SF of space per 500 authorized users is authorized for a Laundry Collection/Distribution Point.

n. *Brigade Facilities*: A maximum of 5,376 SF of space is authorized for the brigade headquarters.

o. *Battalion Facilities*: A maximum of 3,840 SF of space, is authorized for housing the HQ elements of each battalion size unit. This space is intended to house the battalion's Command Group, S2/S3 sections, Tactical Operations Center, Administrative/Logistics Operations Center, Battalion Communication shop, mailroom, chaplain, S1/S4 sections and the Battalion Maintenance Officer administration space.

p. *Company Facilities*: Each company-sized unit is authorized a maximum of 1,536 SF of space for the administrative office, orderly rooms, Nuclear, Biological, and Chemical (NBC) rooms, arms rooms, and supply room. Arms storage rooms will be constructed in accordance with Appendix G, AR 190-11 and will be equipped to support Joint Services Imagery Digitizing System (JSIDS) and control inside temperature and humidity. HQDA approved portable arms storage rooms may also be used. NBC rooms will have utilities to maintain stored equipment above freezing temperatures and below 76 degrees Fahrenheit.

q. *Aviation Facilities*:

(1) *Helicopter Pads*: Helicopter landing and parking pads will initially be M2 matting surfaced to prevent Foreign Object Damage (FOD). Helicopter landing and parking pads will be concrete, with asphalt aprons. The pads will have adequate grounding rods and tie-downs. All soil in the immediate area of the pads will be planted in grass or gravel large enough not to become FOD. Hot pads will have Hesco bastions or similar material to minimize damage from accidental weapons discharge.

(2) *Vehicle Parking Area*: An 11,000 square feet vehicle graveled parking area is authorized for helicopter pads. This area is intended for the parking of service and maintenance vehicles associated with helicopter operations.

(3) *Lighted Landing Pad*: One helicopter-landing pad on each base camp will be outfitted with nighttime landing lights. This will facilitate landings of helicopters for emergency operations.

(4) *Forward Area Refuel Point*: If pipe is used it will be double walled stainless steel with return line. Aviation quality fuel filters will be used. Pads will be concrete, as will any area where fuel spills are likely. Blast protection will be installed around the fueling pads.

(5) *Control Tower*: Control tower will be of sufficient size and height for unobscured vision of the entire airfield. The tower can be either wood or metal, grounded, with adequate priming and painting to prevent weather damage, and minimize slip hazard in bad weather.

(6) *Squadron Operations*: 10,000 SF of space is authorized for Squadron Operations.

(7) *Aviation maintenance*: Total number of aviation clamshell tents is based on mission requirements. Tow ways will be paved from the helipads to the clamshell tents.

(8) Aviation ground vehicle maintenance considered separately under Maintenance Facilities.

(Note: Aircraft parking and maintenance areas will be surrounded by a perimeter fence and separated from other areas of the base camp.)

(9) *Helicopter and Aviation Wash Racks*: Wash racks for helicopter and aircraft are authorized. The wash racks will have a storage tank and concrete pad with a drainage system equipped with an oil water separator.

r. *Communications Compound/Network Service Center*: Each Task Force is authorized a Communications Compound/NSC. The facility size requirement is dependent upon the task organization of the Task Force. The space authorization is as follows: Up to 1,500 Main Base Camp occupants – 2,944 SF; 1,500 to 3,000 occupants – 4,736 SF; 3,000 to 5,000 occupants – 6,208 SF; greater than 5,000 occupants – 9,152 SF.

s. *Medical Facilities*: All plans for health clinics, dental clinics, and hospitals will be developed in coordination with the Health Facility Planning Europe, European Regional Medical Command (ERMC) or through the Health Facility Planning Agency, Office of The Surgeon General (OTSG). These offices will assist in all aspects of design and construction management and are available to support the medical mission of the warfighter in all categories of operations worldwide. Please contact: The Health Facility Planning Europe (HFPE), ERMC, Office of the Command Surgeon, USAREUR: Located in Heidelberg Germany, at DSN 371-2113. The USAREUR, OSURG will approve all plans for medical facilities. The following guidance is provided as a “rule of thumb” for basic planning of base camp medical/dental facilities requirements. The actual requirement is directly related to the medical and dental mission and care expectations of the operational command, which should be coordinated with HFPE.

(1) The Battalion Aid Station mission is strictly Echelon I medical care (no dental), and is oriented to provide basic medical assessment, treatment, and stabilizing for evacuation to higher echelons of medical care. No radiology, laboratory, or holding capabilities are intended. On average, it is meant for a single sized element (battalion) of roughly 1,000 soldiers with immediate transfer to higher echelons of medical care as required. A rule of thumb for these facilities is to provide one examination room (100 Net Square Feet (NSF)) per provider (or three exams per two providers), 100 NSF for storage, 130 NSF for admin/entry/waiting, and toilet facilities as needed. This set of criteria is designated for one Aid Stations per 750 soldiers.

(2) Clinic: For base camps that require increased medical and dental support over that of a TOE battalion/aid station configuration. To meet this end, clinics are configured and staffed to support each base camp established, based on population, medical staffing, and contingency mission. The base camp clinic should be planned to support both medical and emergency dental care to the soldiers and authorized civilians. More routine care for dental may also be accommodated without a major impact on additional space needs. To support this expectation, plan for basic radiology, radiology development, and laboratory functions within the clinics. The dental and medical may be collocated in the same structure to reduce redundancy of radiology and laboratory functions. Table 5-5 illustrates basic square footage requirements to meet the medical and dental care mission. Additional space is required to meet holding capacity as dictated by the mission's emergency contingency plan. A minimum of two single toilets is recommended to be included in the clinic; however, additional toilets are authorized based on the clinic location and overall size.

Table 5-5 Medical Clinic Authorizations

Space	NSF	Notes
Medical	1,660	Based on the organic medical TOE staffing of a typical armor or infantry battalion (Add 100 NSF per doctor/exam room) includes the functions listed above in "clinic requirements".
Dental	500	Minimal requirement for a single dentist and one hygeinist (Add 115 NSF per dentist or DTR) two DTR's per dentist may be provided depending on workload.
Holding	340	Minimal requirement for three cot holding capacity. (Add 80 NSF per additional holding bed required)

NOTE: These are net square footages only. A factor of 10% should be added for a gross estimate. In addition, a smooth transition for litters (ramping if necessary) should be added for entry into the main building with a direct access into to the trauma room. A double door 6' entryway into the facility and into the trauma room should also be considered.

Table 5-6 Grossing Factors

<i>If a separate mechanical space is used:</i>	<i>11% of NSF</i>
<i>Circulation:</i>	<i>35% of NSF</i>
<i>Walls and partitions</i>	<i>12% of NSF</i>
<i>Half Areas:</i>	<i>1.5% of NSF</i>
<i>Total Gross Square Footage</i>	<i>159.5% of NSF</i>

(3) For final planning the exact number of physicians and dentists should be obtained from the command. For "rule of thumb" planning: Table 5-5 is based on an average of 1,200 total soldiers and/or authorized civilians per base camp. Add one physician for every additional 750 soldiers and/or authorized civilians, and add one dentist for every additional 800 soldiers and/or authorized civilians. The basic base camp clinic will contain the following spaces: Waiting, Command/Control, Receiving, Pharmaceutical Storage, Class VIII (Medical) Storage, Exam Rooms, Trauma/Treatment Room, Radiology (for medical and dental), X-ray developing, Shared Administrative, Dental Treatment Room (DTR), Dental Sterilization/Storage, minimum of two toilet rooms, Soiled Utility, and Laboratory. If allowable, a small separate countertop area for Dental Lab could increase the scope of care from emergent to routine in the future. Additional space to consider is patient holding expectations at the clinic, and others as dictated by mission requirements. See Utilities Section for Heating, Ventilation, and Air Conditioning requirements.

(4) **Special Requirements:** The following spaces will include a sink with running hot and cold water: Exam Rooms, Trauma/Treatment Rooms, Laboratory, DTR, and Dental Sterilization. Radiology rooms will require lead shielding appropriate to the type of radiology equipment utilized. This includes all four walls and servicing door (lead shielded). The minimum thickness level and specifications for installation may be determined through consultation with the supporting Health Facilities Planning Office or Preventive Medicine Office. Specific consideration should be given to ensure ventilation from the x-ray development, dental sterilization, and laboratory spaces. Finish materials should support infection control measures by incorporating smooth washable surfaces with limited seams throughout. All interior partitions shall be constructed from the floor to the underside of the ceiling and will not be undercut or left open at the top. Lighting and electrical requirements for each space will be coordinated with HFPE in consideration of existing and planned medical equipment.

(5) **Clinic Location:** Locate the clinic on the base camp in such a way to support the command's mission requirements. Consideration should be given to daily sick call operations and the relative proximity to the troop population and emergency medical operations (evacuation operations both into and out of the clinic by ground and air). The standard base camp clinic will be sized to meet the medical and dental care expectations of the population stipulated in the Operations Order and supported by the medical staff. The standard or typical level of care expected exceeds the basic Battalion Aid Station (Echelon I medical care) model of FM 8-10-4. The peace stabilization base camp model is based on Echelon I (plus) to Echelon II levels of medical care.

(6). **Hospitals:** All planning for hospitals in theater of operations including alteration or modification will be deferred to the Health Facility Planning Agency, OTSG, Falls Church, Virginia, or to the HFPE.

t. Motor Pool Facilities:

(1) **Maintenance Facilities:** Task Force should consolidate maintenance activities as much as possible. A facility size at a rate of 1,840 SF/Bn supported by the facility is authorized. If a company-sized facility is required, then a 1,200 SF maintenance facility is authorized. These facilities will be equipped with inside and outside lights, as well as exhaust fans and compressed air.

(2) **Maintenance Administration:** 320 SF of office space is authorized for each company-sized element. Each battalion-sized unit is authorized 640 SF.

(3) **Maintenance Pads:** Each company-sized element is authorized a parking area of a sufficient size to accommodate outside maintenance of unit vehicles. Pads should be large enough to accommodate the largest vehicle in the unit plus a recovery vehicle. Battalion maintenance pads for tracked and wheeled vehicles will be constructed from concrete. Maintenance pads will be located near the unit maintenance bay, usually as aprons to a consolidated maintenance facility.

u. Fuel Storage: Above ground fuel tanks are authorized for the storage of bulk fuels. Fuel storage bladders will be phased out as the above ground storage tanks become available. Tanks will be constructed IAW existing environmental regulations and installed per manufacturer recommendations. Where it is necessary to use fuel bladders, they will be sited IAW environmental guidelines and will be surrounded by a constructed containment structure large enough to contain the maximum amount of fuel in the bladder to contain any spillage. Fuel Truck Parking will have secondary containment pads equipped with a catchment sump and grounding rods.

v. Hazardous Waste Collection Points. Each company-sized element will have a covered hazardous waste collection point, built on an elevated pad, to be out of contact with ground surface, and have secondary containment. A concrete pad is authorized for Battalion size motor pool but is not required. Base camp commanders may authorize additional collection points on each camp as required.

w. Hazardous Material Warehouse: Each TF is authorized a hazardous materials warehouse at a size rate of 1,000 SF/1,000 Main Base Camp occupants.

x. *Parking Lots*: Parking lots should be constructed using well graded rock and compacted, with engineered slope and drainage to minimize weather effects and increase safety. Loose rocks greater than 30-40 mm should be avoided. The purpose is to minimize damage to gravel parking lots and to prevent damage to vehicles from flying rocks. Wooden parking lot stripes are not authorized. Concrete turning pads are authorized for parking of tracked vehicles. Chain link fences around motor pools are not authorized unless they are part of the perimeter fence.

y. *Direct Support Maintenance*: DS Maintenance (Task force) is authorized 2,050 SF/1,000 Main Base Camp personnel supported, admin space included. Each Main Base Camp is also authorized an Allied Trades workshop at the same design rate as the DS facility.

z. *Kennels*: Military working dogs are authorized a lighted, climate controlled kennel, and an exercise yard. Kennels will have individual stalls (dog run) for each animal, and a sealed concrete floor for health reasons and ease of cleaning. Kennel floor drains should be connected to a sewer system. The kennel-planning factor is 145 SF per dog, which includes kitchen, tack room, and interior dog run, (36 SF per dog). Exterior dog runs should be 48 SF per dog, with a connecting guillotine-type door to the interior dog run.

aa. *Morgue*: Each morgue is authorized 512 SF of workspace and a refrigeration van. Privacy screen is authorized around the entire facility.

bb. *Defense Reutilization and Marketing Office*: One recycling facility per task force is authorized at a size of 1 square foot per Main Base Camp employee (e.g. soldier, civilian, Host Country National). Should have concrete or asphalt floor capable of handling forklifts. Gravel holding yard of 2 SF per employee is authorized.

1) cc. *Ammunition Supply Point*: The ASP, if applicable to the base camp, will utilize bunker storage when available. If Bunker storage is not available, Ammunition will be stored in Containers located in bermed "Cells". Ammunition must be stored in "Ammunition Certified" containers. Preferred storage is for certified DoD owned containers. Commercial Leased containers can be utilized for storage, until certified DoD Containers can be brought in to replace them. The ASP will be constructed with bunkers, or bermed cells and space allocations (safety requirements) to meet the Net Explosive Weight (NEW) of the ammunition planned and projected to be stored within. USAREUR Regulation 385-64 and Army Regulation 385-64 are applicable regulations governing the storage of Ammunition.

dd. *Basic Load Ammunition Holding Areas and Captured Ammunition Holding Areas*: Ammunition holding areas will be constructed in accordance with AR 385-64 and DA PAM 385-64. Ammunition holding areas will have containment berms, a fenced and lighted perimeter, graveled access roads and lightning protection for the entire area. Ammunition will be stored in protective structures (MILVANS) that are out of contact with the ground (on wooden sleepers or on concrete foundations).

ee. *Wash Rack*: Each Main Base Camp will have as a minimum one 45' long elevated vehicle wash rack, one 100' flat wash rack, and 1 container wash rack equipped with oil/water separators. Wash racks shall be designed to fit the largest and heaviest vehicles in the fleet.

ff. *Fire Protection*: Provide Fire and Emergency Response services in accordance with AR 420-90 and the following standards:

(1) Fire Departments are authorized at base camps with a population of 1,000 or more US personnel (permanent residents), or where US Air Force flight operations, and/or Army rotary-wing flight operations activity is more than 40 military movements (average) per day (arrivals and/or departures).

(2) Base camps that do not meet the criteria above, will use appropriate portable fire extinguishers. Fire and emergency personnel will be properly trained on the use of extinguishers.

The AOR Fire Chief, in coordination with the Director of Public Works (DPW), will determine the type and number of fire extinguishers required.

(3) For Base camps with fire departments:

(a) The number and type of fire apparatus for structural and Aircraft Rescue and Fire Fighting (ARFF) response, as well as the number and type of personnel staffing for fire protection, fire prevention, and fire control center will be in accordance with AR 420-90.

(b) Fire and emergency services will be available 24 hours a day seven days a week. Base camp commanders have the authority to reduce levels of aircraft rescue and fire fighting capabilities during periods when the flight control tower is not operational due to non-flying, and combined with no aircraft ground servicing or maintenance. Staffing will not be reduced below the level required to meet regulatory requirements for structural fire fighting and hazardous materials incidents. This includes ensuring sufficient staffing is on hand to respond to the minimum required aircraft rescue and fire fighting (ARFF) vehicles to initiate fire suppression actions and provide fire fighting agent and water re-supply.

(c) Construction of one fire station per base camp to house fire fighting personnel and fire trucks is authorized.

i. Fire fighting facilities will be co-located and fire fighting personnel should live at the fire station to reduce response time, unless otherwise appropriate and approved in coordination with the DPW.

ii. One classroom/library is required for firefighting training, fire prevention safety inspection training, and to maintain regulations, NFPA Codes, International Fire Service Training Association Training Materials, etc.

iii. Records holding area is required of training, inspections, and fire response activities.

iv. One fire control center per base camp is authorized.

(d) Construction of additional fire stations should be considered if response times exceed requirements in AR 420-90.

(e) Construction of a live-fire training facility is authorized.

(f) For fire fighting purposes, Base Camps are authorized one 5,000-gallon tanker for water storage. The tanker will be capable of tapping into the potable water storage. Centrally located standpipes for filling the tankers should be added to the potable water system to fill the tanker.

(g) Base Camp Fire Chiefs will report all fires to HQUSAREUR, ODCSENG, with copy furnished to IMA-EURO Region Fire Protection Specialist.

(h) All living units and other areas determined to be high hazard or mission critical will be equipped with fire extinguishers and hard-wired smoke detectors and evacuation horns that transmit to the fire station. Pull stations should be located strategically near exits to allow for manual notification of the fire department and evacuation of the structure. For additional fire protection, the SEA huts will be constructed using 5/8" (or equivalent) sheet rock for the interior walls.

(i) SCIF Facilities will use a battery operated fire alarm and detection system.

(j) Storage of fuels and other flammables within the Life Support Area (LSA) is not recommended.

(k) LSA will be arranged so fire lanes are left between groups of structures to serve as firebreaks and fire lanes for fire fighting equipment.

(l) Base Camp Fire Chiefs should conduct regular fire risk assessments at each base camp to appraise the Base Commander of potential risks. AOR Fire Chief, in coordination with the DPW, will conduct yearly Fire and Emergency Services Operational Readiness Inspections.

gg. Training facilities authorized for Main Base Camps:

(1) One Deployed Training Support Center: At a minimum the facility will be (40' X 50').

(2) One Deployed Distance Learning Center: The facility will be a minimum size of (40' X 50' X 10').

(3) Two Small Arms Virtual Trainers: The training system can be set up and operated in any room that is 25' X 30' X 8' high or larger. The room should have provision to block out all sunlight. If room lights are necessary, they must be fluorescent. Incandescent light or sunlight in the room will cause the system to register false laser hits. Authorized when semi-permanent construction standards are established. Line of sight for satellite signals and air conditioning for automated data processing (ADP) equipment is required.

(4) One Indirect Fire Trainer: The training system can be set up and operated in any room 25' X 30' X 8' high or larger. The room should have provisions to block out all sunlight. If room lights are necessary, they must be fluorescent. Incandescent light or sunlight in the room will cause the system to register false laser hits.

(5) A 25-meter range is authorized to sustain soldier's weapon proficiency from 9mm to 7.62 mm, and to sustain newly assigned personnel on their weapons. The facilities are also available in order to re-confirm weapon zeros. A ten-lane range must have a backstop berm 4.4 meters high, left and right berms 4.6 meters high.

(6) Training and Audiovisual Support Center (TASC): Each Main Base Camp will have a TASC, which is 1,024 SF.

hh. *Military Police Station*: Each Main Base Camp is authorized an MP Station at 3,968 SF/MP Company. The MP Station will contain space for mail room, conference room, platoon rooms, company headquarters elements, supply room, holding cell with latrine, latrine, arms room, waiting area, evidence holding room, communications room, administration, and desk sergeant space.

ii. *ASG Facilities*: If and when an ASG or Area Support Team is deployed in support of a Main Base Camp, the ASG will be provided 2,048 SF/1,000 Main Base Camp personnel supported. This space also includes Director of Logistics (DOL) and DPW operations.

jj. *Force Protection and Safety*: Minimum Force Protection Design Standards – Anti-terrorism force protection and physical security in the expeditionary environment presents unique challenges to planners, engineers, and security forces. As is the case for fixed facilities, the type and severity of the threat along with the desired level of protection will be the primary considerations in the selection of the anti-terrorism force protection and physical security measures. These considerations will affect decisions on various issues such as the types of vulnerability reduction measures and the physical layout of facilities, facility groups, and infrastructure. Important factors in planning security measures in the expeditionary environment include the availability of existing facilities, the type of structures in which people live and work, existing natural or man-made features, type and quantity of indigenous construction materials, available real estate and layout of utilities and other base infrastructure. For pre-existing buildings, the standards for existing buildings are to be used.

(1) Facility Access.

(a) Select sites away from public roads or other uncontrolled areas.

(b) Maximize use of natural or man-made features to obscure vision from potential threat vantage points.

(c) Limit vehicle approach speeds.

(d) Minimize vehicle access points.

(e) Provide an entry control point with a well defined holding area for unauthorized vehicles and vehicles being searched. The holding area should be outside of prescribed minimum standoff distance.

(f) Separate functional areas requiring frequent vehicle access (e.g., kitchens, industrial areas, retail areas, refuse collection points) from billeting areas.

(2) Site Characteristics.

(a) Maintain good housekeeping by keeping areas within 30 feet of shelters or structures free of items other than those items that are part of the infrastructure.

(b) When possible, position exterior doors so they cannot be easily targeted from the installation perimeter or uncontrolled vantage points.

(3) Facility Standoff / Separation.

(a) Maintain a minimum standoff distance of 60 feet from inhabited transportable structures to installation perimeter.

(b) Clearly delineate the installation perimeter. Options include, but are not limited to, fencing, concertina wire, barricades, counter-mobility barriers, ditches, police tape, or warning signs.

(c) Maintain a minimum separation of 60 feet between billeting groups.

(d) Maintain a minimum separation of 11 feet between billets in a row.

(e) Maintain a minimum separation of 30 feet between rows of billets.

(f) Limit unprotected glazing to 5% or less of the wall area.

(g) Locate mail and supply handling areas at least 60 feet from inhabited transportable structures.

(4) Threat Specific Standards. In addition to the minimum standards described above, the DoD Security Engineering Manual provides guidance for incorporating additional measures to mitigate specific threats. That guidance includes design strategies for mitigating the effects of specific aggressor tactics to defined levels of protection and the effect on building cost of applying those measures.

(5) Power Generation and Distribution: Wood or chain link fence will be installed around all generator, transformer and consolidated generator station locations. Enclosing generators in wooden buildings is not authorized.

(6) Perimeter: Fences, either chain link or concertina, are authorized around the camp perimeter. Berms and sniper screens are authorized to block vision. Perimeter lights are authorized. A gravel perimeter road is authorized inside the berm. Culverts underneath the perimeter fence will be caged to prevent persons from crawling through.

(7) Gates: Covered inspection areas on the main gates are authorized as required by weather conditions. Gates will have lighted, heated, guard sheds. Tilt bar and swing gates are authorized. Locate clearing barrels inside the gates.

(8) Clearing Barrels: Clearing barrels will be installed at all access control points and outside the entrances to arms and ammunition storage areas, medical, and dining facilities."

(9) Walkways and decks: Pressure treated, rot-resistant lumber is the standard. If not available, or cost prohibitive, consider using composite decking material for constructing walkways and decks. Untreated wood can be used if primed and painted. Paint any wooden walkways with sand paint or other non-slip materials to reduce the chance of slipping, particularly in climates with snow and ice or extended rainy periods. Provide lighting wherever steps cannot be seen at night.

(10) Buried utilities: The DPW will maintain a database of all buried utilities. No job will be closed out until new underground utilities have been properly documented. No work will commence on a project until a dig permit has been obtained. Digging permits should also be coordinated for communication line clearance. Buried utilities will have caution tape at least one foot above the utility lines. Buried electrical lines will have signs posted at every turn in the line and wherever else needed by the terrain.

(11) Bunkers: Only bunker designs approved by the Corps of Engineers, Engineer Research and Development Center will be constructed. Sand bag bunkers will have the sand bags protected from solar radiation and the wooden core protected from rot. Design factor is 110% of camp population for bunkers and fighting positions. Normal planning factor is that 50% of the population will be on the perimeter, with 50 % in bunkers.

(12) Guard Towers: Guard towers will be placed so every tower is visible to the immediate towers on the right and left so there is no dead space on the perimeter. Towers will have heat and light. Towers will be hardened against small arms and mortar fire.

(13) Constructed fighting positions: Overhead cover design on fighting positions must be approved by the task force engineer. Fighting positions must be inspected regularly for deterioration. A digging permit must be coordinated before any construction begins.

(14) Theaters and similar multipurpose facilities: These facilities will have a barrier to minimize a car bomb threat. Barrier can be a berm, Hesco bastions, Jersey barriers, or other method capable of stopping a car or truck. Air induction units and other vents will be screened or fenced to reduce terrorist threat of gas introduced into the duct systems.

(15) Water Plant. Water plants, wells, storage tanks, and bladders will be fenced.

4. UTILITIES. Design and installation of utilities systems will be in accordance with current applicable Military Handbooks, technical manuals, guidance and recognized industry standards, codes, and practices. Engineering calculations will be used to size the system. All utility designs will be approved by DCSENG, USAREUR before installation begins.

a. Electric Power:

(1) Where economically supportable and practicable, base camp power grids will be connected to commercial power. Smaller or remote base camps that cannot be economically connected to the commercial power grid are authorized to construct central power plants capable to support 125% of camp maximum demand load, or use distributed generators of sufficient capacity to support maximum demand loads. An economic analysis shall be completed to determine the most cost effective power plant/generator solution. In all cases, critical facilities will be identified in the master plan by the ASG Commander and have back-up generator power. Non-Critical facilities that have stand alone distributed generators will not have any back-up generator power. However, a maximum of 10% of total generators (one minimum) serving non-critical facilities are authorized as reserve generators that can be placed in service quickly in case a generator serving a non-critical facility has a major failure. Determination of appropriate size for generators is not a simple task, as many generators are typically over-sized for loads served. Sizing of generators shall include an evaluation of actual and expected loads considering appropriate demand and load diversity factors, along with a review of any historical demand load data for similar base camps. Engine-generator sets may need de-rating to account for use of JP-8 fuel (rather than diesel), altitude, temperature, and starting requirements for any large load specialized equipment (e.g., hospital X-ray machines). In many cases, load banks have been used to ensure adequate performance of under loaded engine-generator sets. Under loaded engine-generators may operate unsatisfactorily, fail prematurely, and require more frequent maintenance and overhauls due to excessive formation of carbon deposits in the engine. The use of load banks and premature engine overhauls can be avoided if engine-generators are "right-sized" for the load. A complete and thorough analysis of the affected electrical system must be accomplished to ensure power plant requirements are properly defined. Leasing of generators for periods greater than six months is generally not cost effective. Where stand-alone distributed generators are the main power source, they will be sized so no generator set is loaded less than 50%.

(2) Electrical power systems for the Main Base Camps and Forward Operating Bases can be composed of subtransmission lines to main substations; distribution lines to distribution substations; utilization lines to distribution transformers; and generators to provide emergency, stand-by, and/or prime power for mission base camp facilities. Application of new so-called Distributed Generation (DG) Technology rather than familiar Internal Combustion (IC) Genset (diesel engines) technology, may be considered if economically feasible, environmental impacts and emissions are of utmost concern, and any alternative fuels that may be required for DG applications are available. DG and IC Gensets allows cogeneration (combined heat and power) "waste" heat from power generation to be recovered and used to offset costs. Today, the capital cost of an IC Genset is 200-350 \$/Kilowatt (KW) for diesel and 400-1000 \$/KW for Natural Gas. Operations and Maintenance (O&M) costs for both types, excluding fuel, are 0.01\$/kWh/yr.

(3) Electric power supply transformers will be in accordance with the voltage and frequency characteristics of the host nation. Frequency converters, 50 Hertz (Hz) to 60 Hz rotating or static (preferred), should be used in lieu of 60 Hz generators. Applicable electrical industry codes, standards, or publications to equipment, materials, and installation will be used. The latest edition of National Fire Protection Association (NFPA) –70 (National Electrical Code) and American National Standards Institute C2 (National Electrical Safety Code) provide minimum requirements for safeguarding of persons and property from hazards arising from the use of electricity and will be met.

(4) All facilities that are used for or containing housing, office space, or other areas that require the use of electric devices and/or equipment will be supplied with sufficient fixed electrical outlets. SEAhts used for housing will have eight fixed duplex electrical outlets. All facilities that require

illumination to perform tasks or in order to provide a safe living, working, or recreational environment will be equipped with sufficient electric lights.

b. *Heating, Ventilation & Air Conditioning (HVAC)*. All facilities where personnel live, work or recreate will be, at a minimum, provided with heating. When possible, install ECUs that provide heating and cooling capabilities. Large facilities (e.g. DFACs, Medical Clinics) should be provided with central HVAC systems. Camps will utilize installed central heating/cooling systems where already existing or as economically feasible. Storage areas will only be provided heating/cooling services as needed to address specific storage requirements cited in sub-paragraphs on designated facilities types. When temporary and semi-permanent facilities such as SEAhuts utilize ECUs, they will be sized to ensure delivery of heating/cooling as follows: standards for maximum indoor temperatures in winter are 68°F and minimum indoor temperature in summer is 78°F. Temperature strips are installed in administrative areas and living spaces wherever ECUs are utilized. Where central heating/cooling systems are pre-existing or have been installed and/or for all other facilities (e.g. Hangars, Recreation Centers, Gyms, DFACs, Medical Facilities), the ASG will monitor installed thermostatic controls to maintain establish temperature standards.

c. *Water*. For Main Base Camps the order of preference for potable water is:

(1) Joint Contracting Center (JCC) will contract to tie into local municipalities if it is economically feasible and meets Army health and force protection standards. The installation of a water purifying station such as a UV-60, Transportable Water Purification and Disinfection System should be considered in the start up cost.

(2) Installation of wells for potable water is authorized. Site planning should consider installing water storage distribution systems if economically feasible. A minimum of 2 wells per camp, one primary and one for back up are authorized. The expense of mobilization for drilling equipment represents a major cost of providing a well. Therefore, local contractors should be hired to perform well drilling. Additional wells may be drilled based on the capability of the first 2 wells to supply the required amount of water. Wells should be within camp boundaries.

(3) The least desirable option trucking potable water and/or bottle water to the base camp. The cost of purchasing and maintaining the trucks along with drivers and the reoccurring cost of bottle water to include purchase, transport, storage, and waste disposal needs to be included in the initial cost estimate.

d. *Wastewater Treatment Plant*. The initial assessment for a base camp should have a design for the installation of a wastewater plant based on projected population size of the camp to include allied forces and local nationals. Coordination with JCC should be utilized to determine if connection to a municipal wastewater treatment plant is economically feasible and environmentally sound. Upgrades to existing sewage treatment plants are authorized to allow for effective treatment of waste being generated on that facility. Connection to local waste treatment facilities is authorized. Upgrades will be limited to the expansion of the plant's current capabilities to handle the increased daily flows.

5. SOLDIER AND AUTHORIZED PERSONNEL SUPPORT. Soldier and authorized personnel facility support for Main Base Camps are intended to improve the quality of life of assigned personnel. On Main Base Camps where commanders have made the decision to split-base soldier and authorized personnel support, MWR or Army, Air Force Exchange Service (AAFES) services or concessions according to the geographic location of the LSAs, the sum of the space allocated for each activity split-based will not exceed the total square footage for that category of facility as determined below.

a. *Chapels:* Each base camp is authorized a chapel at a rate 1,624 SF of space per 1,000 authorized user. The structure will have linoleum flooring installed. Design will be nondenominational. Office space will be provided for the execution of chaplain functions supporting privileged communications with parishioners.

b. *Education Centers, Defense Logistics Agency (DLA) & Military Occupational Specialty (MOS) Library:* A combination education center, DLA and MOS Library of 1,280 SF are authorized for each 750 authorized user assigned to a Main Base Camp.

c. *AAFES:*

(1) *Barber/Beauty/Alteration/Pressing Facilities:* A barber/beauty shop and alteration/pressing facility are authorized for Main Base Camps. Barber and Beauty shops can be collocated in the same facility. Barber and beauty shops are authorized 320 SF per 1,500 authorized users. Alteration and pressing facilities can be collocated in the same facility, if contractor requirements can be met. Alteration and pressing services are authorized 320 SF per 2,000 authorized users.

(2) *Post Exchange:* All Main Base Camps are authorized a PX with authorized space of 2,100 SF per 750 authorized users. Sufficient electrical connections are authorized to ensure sufficient, safe electrical power is available for displays and other requirements.

(3) Each PX Warehouse is authorized 1,000 SF per 750 authorized users.

(4) Each PX administrative space is authorized 250 SF per 750 authorized users.

(5) Loadings docks and gravel parking lots for delivery trucks are authorized.

(6) *Food /Service Concessions Stands:* The commander will determine what food concessions will be on his post. Each food concession is authorized 480 SF per 750 authorized user. Authorized dining/seating space is 375 SF per 750 authorized users. One refrigerated cooler, three freezers and one dry storage container are authorized per food court. When requested by the local Command, a specialty food concept is authorized 512 SF, which includes seating. Amusement areas adjacent to the food concession are authorized 150 SF per concession for equipment setup. The Army is responsible for providing basic facilities for these concessions, to include utility hookups and ventilation O&M. AAFES is responsible for the installation and maintenance of all "AAFES peculiar" items (e.g. cash registers, display shelves and coolers, stoves, specialty lights).

d. *Morale, Welfare and Recreation:*

(1) *Fitness facilities:* Each Main Base Camp is authorized a fitness facility at 3 SF per authorized user. The facility will have rubber floor tiles and male/female latrines.

(2) *Field House/Multipurpose Facility:* All Main Base Camps are authorized a facility to conduct indoor sports, shows, or large meetings. The facility will have a wooden floor lined for basketball, volleyball, and other sports activities. If possible, the facility should be able to have an enclosed full size basketball court of 50'X 94' with eighteen foot (18') floor to ceiling clearance and a minimum five foot (5') safety/walking lane surrounding the playing area. Field houses should have fluorescent lighting and climate control male/female latrines. The field house should have double entry/exit doors.

(3) Athletic Fields: Each Main Base Camp is authorized two sand volley ball courts, two horseshoe pits, a paved outdoor basket ball (1/2 court) court and one outdoor pavilion. Base camps over 2000 are authorized a second set.

(a) Where adequate space exists, multi-purpose athletic field with outdoor lighting suitable for flag football, softball, soccer and track activities may be constructed.

(b) Running trail with workout stations: Each Main Base Camp is authorized a lighted outdoor running trail up to two miles in length with up to eight uncovered fitness stations.

e. *Community Activity Center*: Each Main Base Camp is authorized a Community Activity Center. The facility is authorized 4,608 SF per 2,000 authorized users. The facility should have double entry/exit doors, latrines and running water. The community activity center and theater will be located in opposite areas of camp for force protection issues. The structure will house the communication (cyber cafe) center with phone center, common area, library, equipment room, TV room, Movie room and VTC room.

f. *Multi-Purpose Theater*: Each Main Base Camp with over 1,000 US personnel is authorized one multi-purpose theater, with a 35' wide x 25' deep stage, with steps on both sides and a securable storage area under the stage, two dressing rooms on both sides, with climate control, mirrors and shelves to the sides. Main Base Camps under 1,000 personnel are not authorized a stage. Facility will be hard wired with two each 380 volt, 32 amp and 64 amp, 220V power. The theater will be housed in a structure designed to seat 25% of the base population, or 500 persons, maximum. The theater should have double entry/exit doors. Seating will be folding metal or plastic chairs, that can be quickly removed and the floor space used for formations or Transfer Of Authority movements.

g. *MWR Warehouse/maintenance facility*: Each task force is authorized one MWR warehouse/maintenance facility at 1 SF per personnel supported. Facility is to be used for repair of MWR equipment and for short-term storage of remote site equipment and seasonal equipment not in use. It is not authorized for long-term storage of excess MWR equipment.

h. *American Forces Network Service*: Each main base camp will establish facilities for broadcast transmission of AFN services. The standard AFN broadcasting pad is a minimum of 300' X 150' and located on the highest point of the perimeter or in the center of the base camp. It includes a housed power generation / fuel source. Variations for manned/unmanned operations areas follows:

(1) Manned Operations. The AFN pad will include a facility to house a manned affiliate operation – consisting of studios, offices and other administrative space up to a maximum of 56' x 75' or 4,200 SF.

(2) Unmanned Operations. One climate-controlled equipment shelter the size of a standard SEAhut (512 SF) is required.

6. FORWARD OPERATING BASES. A Forward Operating Bases (FOB) is defined as a site normally occupied by company-sized units and operated on a continuous basis. The standards found in the previous sections apply to FOBs, except in the following circumstances. Annex 2 contains a table for easier reference on authorized facilities at Main Base Camps, Forward Operating Bases, and Outposts.

a. *Roads:* Each FOB is authorized gravel on primary and secondary roads.

b. *Dining Facilities:* Dining facilities are authorized 1,024 SF of dining room space and 512 SF for kitchen, admin, and storage space per 100 authorized users. Adequate space for cleaning, latrine, and clothes changing for local national kitchen staff will be provided. Loading dock, if present, can be concrete, asphalt, or treated lumber.

c. *Laundry Collection/Distribution Point:* A total of 256 SF is authorized for a laundry collection/distribution point.

d. *Aviation Facilities:* Helicopter landing and parking pads will be concrete. Bean Bag Lighting Kit will be available and operational for nighttime flight operations.

e. *Communications Compound/Network Service Center:* Each FOB is authorized 512 SF to house the base's communications support operations.

f. *Aid Stations:* Aid stations are authorized a maximum of 512 SF.

g. *Motor Pool Facilities:*

(1) *Maintenance Facilities:* A maintenance facility of 1,200 SF erected on concrete or asphalt pads is authorized for each company-sized element. The maintenance facility will be equipped to provide heating, electric lights, and compressed air.

(2) *Maintenance Administration:* A maximum of 320 SF for office space is authorized for each company-sized element.

h. *Fire Protection:* Portable fire extinguishers will be available in all buildings and places where flammable materials are used. The AOR Fire Chief, in coordination with the DPW, will determine the number of fire extinguishers for each facility. The FOB Commander will ensure the occupants are properly trained in their use.

i. *Utilities:*

(1) *Water:* Reference water guidelines located in the Utilities Section of Main Base Camp standards.

(2) *Electric Power:* Generator power will continue to be the primary source of remote site power if commercial power is not available.

(3) *Sewage collection tanks* are authorized. However, the initial assessment for a FOB should consider installation of a wastewater treatment system. Sewage can be trucked to a suitable wastewater treatment plant.

j. *Soldier and Authorized Personnel Support:*

(1) *Community Activity/Education Center:* Each FOB is authorized a Community Activity/Education Center at a rate of 1,024 SF per 150 authorized user, with a minimum size of 1,024 SF.

(2) A fitness center is authorized at a rate of 1,024 SF per 150 authorized users with a minimum size of 1,024 SF.

k. *Barber/Beauty Shop*: A barber/beauty shop is authorized for FOBs. Barber and Beauty shops can be collocated in the same facility. Barber and beauty shops are authorized 256 SF per 150 authorized users with a minimum size of 256 SF.

l. *Post Exchange*: All FOBs are authorized a PX with authorized space of 512 SF per 150 authorized users with a minimum size of 512 SF. Sufficient electrical connections are authorized to ensure sufficient, safe electrical power is available for displays and other requirements.

m. *Athletic Fields*: Each FOB is authorized one sand volley ball court, one horseshoe pit, a paved outdoor basket ball (1/2 court) court and one outdoor pavilion.

(1) Where adequate space exists, multi-purpose athletic field suitable for flag football, softball, soccer and track activities may be constructed.

(2) Each FOB is authorized a running trail.

n. *Non-Authorized Facilities*: The following facilities are not authorized at a FOB:

- SSA
- DX/CIF
- Postal Facility
- Hazardous Materials Warehouse
- DS Maintenance Facility
- Morgue
- DRMO
- ASP
- BLAHA/CAHA
- Wash Rack
- Training Facilities
- MP Station
- ASG Facilities
- Chapel
- Alteration/Pressing Shop
- Multi-Purpose Theater
- MWR Warehouse/Maintenance Facility
- AFN Manned Operations

7. OUTPOSTS. Outposts are normally used for short term, operationally defined missions (e.g. checkpoints and observation posts) for platoon or squad sized elements, and will not have the level of services the Main Base Camps and FOBs are authorized. Outposts will be authorized the following primary services.

- a. Portable latrines, or ablution units if they can be serviced. Ablution units are preferred over small unit showers if the site will be occupied over the winter.
- b. Portable generators to provide power.
- c. Heated Tier II tents (16' x 32') for living and working space, or Corimec style containers (8' x 20'). If containers are used, one container for admin space is authorized. Living space is the same as base camps.
- d. One Tier II tent to serve as a recreation room and break room. Gutting and connecting Corimec style containers is not authorized for this purpose.
- e. One Tier II tent for a fitness facility.
- f. Soldier support will be relayed by higher headquarters. No semi-permanent facilities are authorized.
- g. Construct the perimeter fence with concertina wire and other approved force protection materials.
- h. Preferred blast protection is Texas Barriers (interlocking concrete wall 10' high, 15" thick, or berms).
- i. Gravel parking and walking paths should be constructed from well graded gravel and compacted. These areas should be free of loose rocks greater than 40 mm in diameter to decrease probable damage to vehicles and personnel injury.

8. OPERATIONS & MAINTENANCE. The purpose of this portion of the Red Book is to provide guidance for the amount of maintenance required on facilities constructed for contingency operations. The goal is to maximize the life expectancy of temporary facilities with minimum cost to the government. Contracts given to contractors should follow these guidelines.

a. *Painting:* Buildings shall be painted to prevent weather damage to the buildings. Painting for appearance sake is not authorized. Paint will have a durability rating of at least five years.

(1) All wooden structures should be primed before being painted. Building shall be painted whenever there are significant repairs that leave exposed wood, when there is surface damage, or whenever the cost of painting can be justified as a cost effective prevention strategy.

(2) Treated lumber is the standard for wooden walkways, decks and wherever wood comes in contact with the soil. If treated lumber is not available, all bare wood will have a primer and then two coats of paint to include the underside of decks, deck stringers, and pilings. All decks will be sand painted or some other method to prevent slipping. A best business practice would include considering the use of composite decking material for constructing walkways and decks. Provide lighting wherever steps cannot be seen at night.

(3) Painting warning signs, trips hazards, and other standard safety procedures is authorized.

(4) Painting of interior walls is authorized every 3rd rotation, (18 Months).

b. *Signs:* Signs will generic in nature. The intent is to have signs that will function through several rotations. Signs can be either metal or wood.

(1) One foot square division patch signs can be added to generic signs by use of hooks. This is so that when divisions change, the generic sign will remain, and the only cost involved will be changing division patches.

(2) Commander and senior Noncommissioned Officer names can be attached to generic signs.

(3) Standard European traffic signs will be used.

(4) Use of contractors for battalion crests and other distinctive unit signs is not authorized.

c. *Road Repair/Dust Abatement:* The intent is to maintain maximum maneuverability for the commander, minimize damage to government equipment, and provide a safe transportation system for the soldiers.

(1) The DPW will decide the frequency of grading based on the local conditions. Generally grading is done often enough to minimize potholes and wash-boarding. Compacting high use areas may be cost effective. Every effort needs to be made to reduce loose rocks greater than 40 mm in diameter on roads and parking lots.

(2) The DPW will decide the frequency of dust abatement based on the local conditions. Generally dust abatement is done often enough to prevent dust damage to engines and electronic components and to protect the health of soldiers and civilians.

(3) Dust abatement and grading costs should be closely monitored. Paving should be considered on gravel roads if the payback period is 2 years or less.

(4) The DPW will decide the frequency of mud removal from paved roads. Safety should be the prime consideration.

(5) Use of lumber for parking lot stripes on gravel parking lots is not authorized.

d. *Erosion Control*: Erosion control measures are authorized to minimize damage to government facilities and in vector control. Erosion control measures are authorized and will be implemented around fence perimeters to prevent washouts underneath fence lines. Landscaping for appearance sake is not authorized.

(1) Ditches: Ditches with over a 3% slope, or when serious erosion is observed, should have geotextile and rip-rap installed. Culverts should have headwalls with a 5-year design life. The use of dry-mix cement and sand in sandbags for various erosion and headwall construction projects is preferred over using sand filled bags.

(2) Grass: Planting grass is authorized for erosion control. Grass should be local species or other varieties known to do well in the local area with minimum maintenance. A mixture of seed to include at least 30% grass species that grow through the winter should be used. Fertilization and other soil amendments to encourage adequate erosion protection are authorized. Grass cutting should be done under the guidance of the environmental officer based on the local conditions. Grass cutting for appearance sake is not authorized with the exception of the following:

(a) Within 50 feet of buildings, the maximum height will be 8 inches and a minimum of 4 inches. Mowing will not be more often than once every two weeks.

(b) Authorized MWR fields can be planted, fertilized, watered, and cut for the needs of the sport they are designed to support. Chalk markings are authorized.

(c) The commander may designate certain high visibility areas where uncut grass may reflect negatively on the command. These areas will be individually specified in a grass-cutting contract.

(3) Leaf Raking: The contractor is authorized to rake and collect leaves three times annually, between October and January, or as directed by the DPW.

(4) Vector control: Filling in of and grass planting on minor depressions, wheel ruts, and construction damage is authorized to prevent mosquitoes and insect borne diseases. The environmental officer must assess any area of standing water greater than 1/10 acre (4,356 SF) for environmental impact.

(5) Storm damage: Use of contractors to trim and remove storm-damaged trees is authorized. Intent is to minimize effects of tree damage to utilities and transportation.

e. *Pavement Repair*: All contractor asphalt projects should come with a two-year guarantee. Repairs to existing paved roads should be as follows:

(1) Asphalt: Potholes and utility cuts should be repaired as soon as possible to prevent accidents, vehicle damage, and further road damage. Base course should be prepared to prevent slumping.

(2) Stone: Repair of existing paving stones for safety and equipment concerns is authorized. Repairs for appearance sake are not authorized.

(3) Concrete: Repairs to concrete roads, bridges, and airfields will be coordinated and approved by the task force engineer on an individual basis.

(4) Guardrails: Guardrails to keep vehicles off areas are authorized. Barriers should be constructed from treated lumber, concrete, or metal. If no guardrail previously existed it must be treated as new work.

f. *New Work*: Construction of new roads, sidewalks, buildings, or other facilities where none previously existed is new work and cannot be accomplished under O&M. Major modifications to existing

structures such as porches, closing in porches, decks, new walls, additional latrines, additional electrical service, moving doors and windows, counter tops, shelves, and bulletin boards are all considered to be new work.

g. *Preventive Maintenance*: Use of contractors for preventative maintenance inspection of facilities is authorized. Inspection should be conducted every 60 days, but can be modified by the commander for more or less frequent inspections on an individual basis. The purpose of these inspections is for safety and to save the government money by identifying deficiencies while they are still small and easy to fix. A contract can be just for an inspection or for inspect and fix. Inspection should include but is not limited to the following:

(1) Electrical: Check for damage or tampering with switches, outlets, junction boxes, control panels, circuit breakers, fuses, grounding rods, and overloading.

(2) Plumbing: Check for leaks, drips, corrosion in shower heads, shower curtains, water pressure (40 psi), hot water temperature, and evidence of water damage to floors and walls.

(3) Exterior: Check roof for leaks, deterioration, lost shingles, bubbles, and animal damage. Check walls for holes and chipping paint. Check windows for broken glass and ease of operation. Check doors for squeaks, ease of movement, and working locks.

(4) Interior: Check linoleum for cracks and tears. Check doors for squeaks, ease of movement, and working locks. Check walls for cracks, holes, and chipping paint. Check ceiling for evidence of leaks.

Annex 1 MASTER PLANNING

1. Master Planning.

a. Purpose. Master planning is a comprehensive process bringing together a variety of players and their requirements. It addresses the need to comprehensively plan facilities for the future to satisfy various and competing interests in support of the mission. Contingency Operations ASGs establish Base Camp Planning Boards (BCPB) at each of the base camps, provides guidance on conducting planning boards, addresses commander's guidance, and coordinate the Master Planning Components.

b. Definition. A Master Plan is the ASG Commander's comprehensive plan for the orderly and efficient management and development of land, facilities and infrastructure in support of the mission.

c. Base camp applicability. All main base camps will have a BCPB and will develop a Base Camp Master Plan (BCMP). Forward operating bases and outposts fall under the command structure of the main operations base of their headquarters.

2. References.

- a. AR 210-20 Master Planning for Army Installations.
- b. Architectural and Engineering Instructions, Design Criteria, 15 Jul 94.
- c. USAREUR Space and Planning Criteria Manual.
- d. Master Planning Instructions, 9 July 1993.

3. Discussion. The base camp master plan is a tool enhancing force protection, operational readiness, personnel safety conditions, efficient use of limited resources, living conditions, and quality of life. Proper zoning and improvements to the condition of the facilities and utilities, with the efficient investment of resources, will increase the quality of life for all soldiers while enhancing force protection.

a. An organized site plan is a crucial part of a master plan. A well-designed site layout will minimize many detrimental characteristics; biological (physical health), social (coordination and cooperation), psychological (improving attitudes), and financial (reduce operational and renovation cost).

b. The BCPB provides the forum for the camp program managers and experts to make comprehensive, balanced decisions for the future layout of the camp facilities and infrastructure. The board will meet periodically to review and refine plans based on changing mission priorities with the consistent goal of providing the soldiers a quality living and working environment while incorporating best business practices.

4. Responsibilities.

a. The ASG commander is responsible for all master plans developed within the task force. The ASG Commander will:

- (1) Review and approve all BCMPs and updates.
- (2) Return to base camps, through the DPW, unapproved BCMPs, or unapproved portions thereof, for reconsideration and resubmission before final approval.
- (3) Forward Joint Acquisition Review Board (JARB) requests and other documents to HQ, USAREUR for approval as appropriate.

b. Directorate of Public Works (DPW) will:

(1) Be the Commander's designated representative for the overall implementation of base camp master plans.

(2) Facilitate and assist base camp commanders, and assure consistency in conduct of BCPBs.

(3) Prepare guidance, assist, and educate the BCPB on the planning process.

(4) Attend, as advisor and non-voting member of each base camp BCPB.

(5) Will maintain in a central repository all BCMPs and BCPB minutes of meetings and maintain consistency of BCMPs through rotations of units, commanders, and camp mayors.

(6) Advise and recommend to ASG Commander approval/disapproval of BCMPs.

(7) At direction of ASG Commander, return disapproved portions of BCMPs to camps for further action.

(8) Advise the ASG Commander concerning any controversial issues surfaced in any of the BCPBs.

(9) Advise the JARB board of projects that are inconsistent with the approved BCMPs.

(10) Transmit commander's guidance and standards to the BCPBs for use in preparation of BCMPs and coordinate with higher headquarters for technical expertise not organic to the ASG.

c. BSB / AST Commanders (or ASG designate) will:

(1) Chair the BCPB.

(2) Be responsible for formulation of the BCMP and any changes to it, assure submission of the plan and changes/updates through the appropriate brigade commanders, and the DPW to the ASG commander for approval.

(3) Approve/sign the BCPB minutes and assure timely submission the ASG Commander.

d. Base Camp ASTs / Installation Coordinators will:

(1) Conduct BCPBs periodically as required in this Annex and as directed by the base camp or Task Force Commander.

(2) Serve as executive secretary for BCPBs and submit minutes of BCPB meetings through the DPW to the ASG commander for approval.

(3) Chair the BCPB upon direction from the commander.

(4) Ensure all projects submitted to the JARB process are consistent with the BCMP.

e. Commanders of major assigned units, tenants, and supported activities at the camps will:

(1) Identify and develop facility requirements to support their missions, and ensure these requirements are incorporated into the camp's approved Master Plan.

(2) Provide a voting member to the BCPB.

f. Members of the Base Camp Planning Board (BCPB) will:

(1) Monitor development of the BCMP and make recommendations to the AST/BSB Commander for ASG commander approval.

(2) Ensure the BCMP addresses all facility requirements for all activities on the camp and supported sites.

(3) Ensure the BCMP incorporates anticipated growth or reductions in units and activities based on current and proposed mission(s).

(4) Ensure camp changes are in accordance with BCMP-approved zoning, aesthetic, and traffic considerations.

(5) Make recommendations to the camp commander concerning requirements to update base camp master plans.

(6) Advise the camp commander on priorities for large projects with significant impact on the camp.

(7) Consider the environmental effects of all decisions relating to the BCMP.

5. The ODCSENG will coordinate the assistance of technical experts (e.g., 412th ENCOM, USACE, or IMA-EURO).

6. Commander's Master Planning Goals and Objectives.

a. Commander's Master Planning Goals:

(1) Enhance Force Protection.

(2) Improve Quality of Life.

(3) Improve Condition of Facilities.

(4) Promote efficient Investment of Resources.

b. Commander's Master Planning Objectives:

(1) Establish a vision and future direction for attaining the correct balance of facilities/real estate to effectively support the mission.

(2) Enhance power projection capability in a contingency environment.

(3) Maintain living conditions and quality of life to enhance soldier readiness.

(4) Establish the framework for managing limited resources.

(5) Identify deficiencies and costs.

(6) Minimize detrimental environmental impacts.

7. Master Plan Components.

a. Long Range Component. The Long Range Component is an assessment of what the camp should look like five years in the future. It illustrates infrastructure, transportation flow, zoning, aesthetics and

signage. The following items make up the Long Range Component (items with “**” are owned/updated by the BCPB chairman and executive secretary for the BCPB):

- (1) Long Range Analysis. *
- (2) Environmental Baseline Analysis (DPW Environmental ICW Camp ECO).
- (3) Utilities Assessment (DPW).
- (4) Transportation Assessment. *
- (5) Land Use Analysis/Zoning Plan. *
- (6) Physical Security Plan (Overlay). *
- (7) Fire Protection Plan (Overlay). *
- (8) Installation Design Guide (DPW provided).
- (9) Capacity Expansion Analysis. *
- (10) Supporting Graphics/Overlays. *
- (11) AHA Explosive Quantity Distance Site Plan

(* - Critical items are the responsibility of the BCPB chairman and BCPB executive secretary.)

b. Capital Investment Strategy. The Capital Investment Strategy analyzes shortfalls and excesses in facilities through a Tabulation of Existing and Required Facilities, and identifies preferred action plans to solve the imbalance. The recommendations (solutions) must be consistent with the Long Range Component.

c. Short Range Component. The Short Range Component of the Master Plan is the immediate or temporary solution to facility imbalances, until a permanent solution is found. Temporary solutions can include relocations or temporary diversions in uses of facilities, and temporary construction until a more permanent solution is reached. The Short Range Component includes site-specific graphics with locations of projects. The following pieces make up the Short Range Component:

- (1) Overview of Requirements - An assessment of how to “get well”, analysis of alternatives, evaluation and selection of preferred alternatives, and narrative justification for the selected Course of Action (COA).
- (2) Assets/Facilities Investment Plan.
- (3) Environmental Documentation (DPW provided).
- (4) Assets Disposal List.
- (5) Supporting Graphics.

8. The Base Camp Planning Board (BCPB).

a. Functions of the Base Camp Planning Boards (BCPB) are:

- (1) Act as the camp's “Board of Directors” to ensure the orderly development and management of the camp's facilities (and supported forward operations bases and outposts) in support of the mission.
- (2) Guide the development and maintenance of all components of the BCMP.
- (3) Coordinate camp planning with the following:
 - (a) Adjacent or nearby camps.
 - (b) Affected host nation agencies (DPW acts as lead coordinating agency).
- (4) Ensure the BCMP:

- (a) Addresses facility requirements for all activities of the camp and supported areas.
 - (b) Projects for growth or reduction in units and activities assigned to the camp based on changes in mission.
 - (c) Determine installation design guidelines and adhere to standards.
 - (d) Review funding projections and advise the camp commander of priorities and COAs.
 - (e) Ensure maximum efficient use of existing facilities.
 - (f) Project plans and projects consistent with good environmental stewardship.
 - (g) Make recommendations on and space utilization.
- b. Composition of BCPB. Minimum composition of the BCPB in each of the camps shall be the following:
- (1) Chairman. The Camp Commander is Chairman. The Camp Commander may appoint a subordinate to serve as Chairman.
 - (2) Voting members. Voting members shall consist of the following:
 - (a) AST/BSB Commander: Provides staff support and administrative assistance in conduct of the BCPB
 - (b) The chief of each principal and staff section (proponency) on the camp. Proponency representatives, at a minimum, should include the following:
 - i. Personnel/MWR
 - ii. Operations/Intelligence
 - iii. Logistics
 - iv. Security and/or PMO
 - v. Safety
 - vi. Information Management
 - vii. Signal
 - viii. Force Protection
 - (3) Associate non-voting members (optional/as applicable, except DPW, which is mandatory):
 - (a) DPW serves as advisor/facilitator to the boards.
 - (b) CSM.
 - (c) Associated Camp(s) representative, as applicable.
 - (d) Contractor's Base Camp Manager.
 - (e) AAFES Manager or representative.
- c. Meetings.
- (1) The BCPB will meet at least quarterly.

(2) The Executive Secretary will record the minutes during BCPB sessions. The Executive Secretary will prepare the meeting agenda, read-ahead packets, and other administrative requirements. The minutes will record those voting members in attendance and those absent, associate (non-voter) attendance; and topics discussed, to include issues, points of discussion, and board recommendations with vote tally.

d. The board is required to recommend formal approval for:

- (1) Components of the BCMP.
- (2) Installation architectural/design themes.
- (3) Major projects (projects > \$50,000) in prioritized order to be submitted to JARB and higher HQ for funding and approval.
- (4) Other items within the purview of the board's charter, as designated by the base camp commander.

**ANNEX 2
AUTHORIZED FACILITIES LIST**

FACILITY	MAIN BASE CAMP	FORWARD OPERATING BASE	OUTPOST
Roads	YES	YES (only gravel)	YES (only gravel)
DFAC	YES	YES	NO
Housing	YES	YES	YES (Tents Only)
Latrines and Septic Systems	YES	YES	YES (portable)
Shower	YES	YES	YES
Office	YES	YES	YES (Tents Only)
SSA/Warehouse	YES	NO	NO
DX/CIF	YES	NO	NO
Finance and Personnel Support Operations	YES	Operationally Defined	NO
Postal Facility	YES	NO	NO
Laundry Collection/Distribution Point	YES	YES	NO
Helipad	YES	YES	Operationally Defined
Runway and Taxiway	YES	NO	NO
Aviation Fuel	YES	Operationally Defined	NO
Squadron Operations Building	YES	NO	NO
Aviation Maintenance	YES	Operationally Defined	NO
Communications Compound/NSC	YES	Operationally Defined	NO
Medical	YES	YES (Aid Stations)	MEDICS

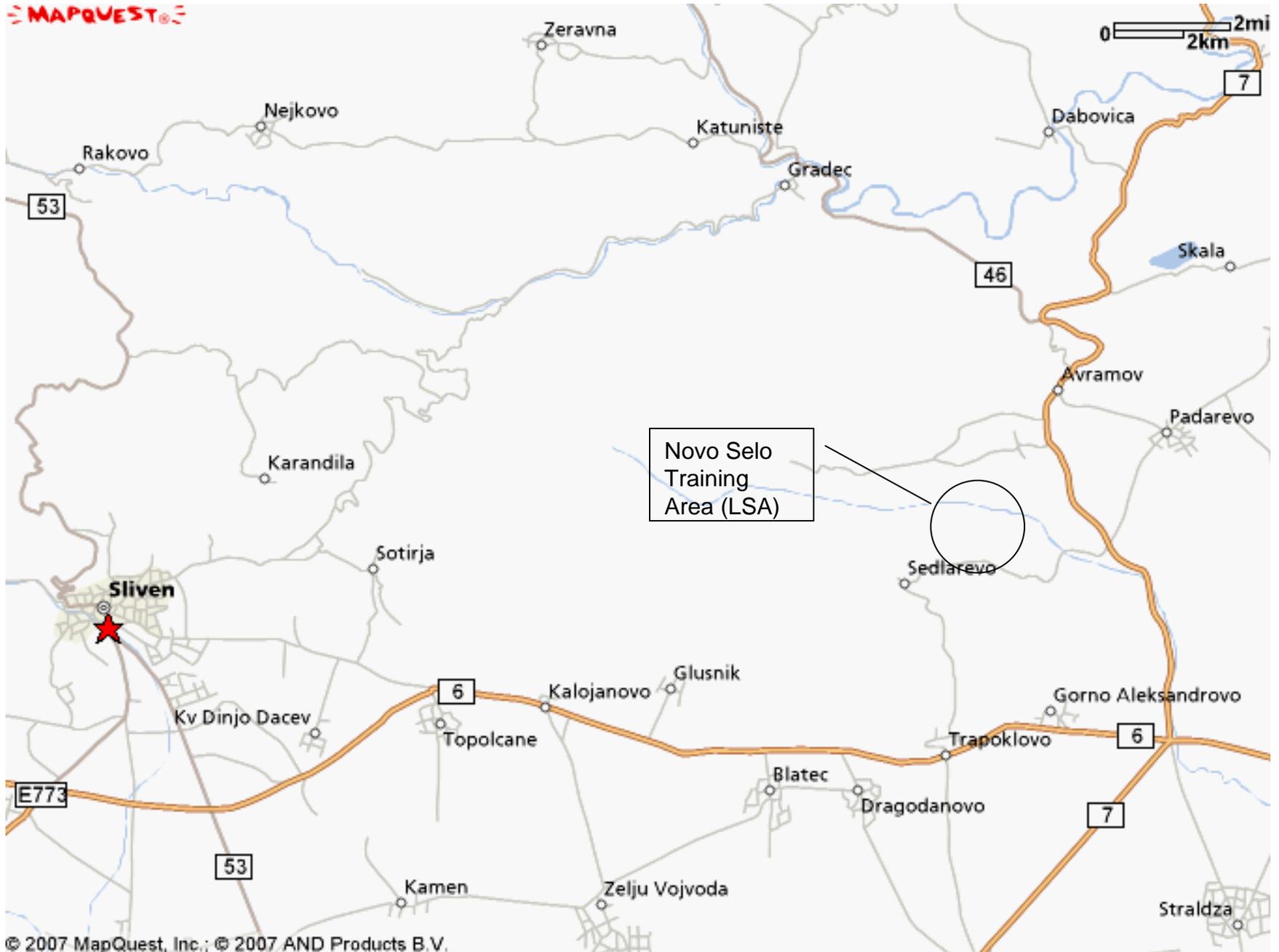
FACILITY	MAIN BASE CAMP	FORWARD OPERATING BASE	OUTPOST
Vehicle Maintenance	YES	YES	NO
Ground Fuel	YES	YES	NO
Hazardous Waste Collection Point	YES	YES	NO
Hazardous Materials Warehouse	YES	NO	NO
Parking Lots	YES	YES	Operationally Defined
DS Maintenance	YES	NO	NO
Kennel	YES	Operationally Defined	Operationally Defined
Morgue	YES	NO	NO
DRMO	YES	NO	NO
ASP	YES	NO	NO
BLAHA/CAHA	YES	NO	NO
Wash Rack	YES	NO	NO
Fire Protection	YES	YES (but different level)	YES (but different level)
Training Facilities	YES	NO	NO
MP Station	YES	Operationally Defined	NO
ASG	YES	NO	NO
Cold Storage	YES	Operationally Defined	NO
Chapel	YES	NO	NO
Education Center	YES	YES (combined with Community Activities)	NO
Barber/Beauty Shop	YES	YES	NO

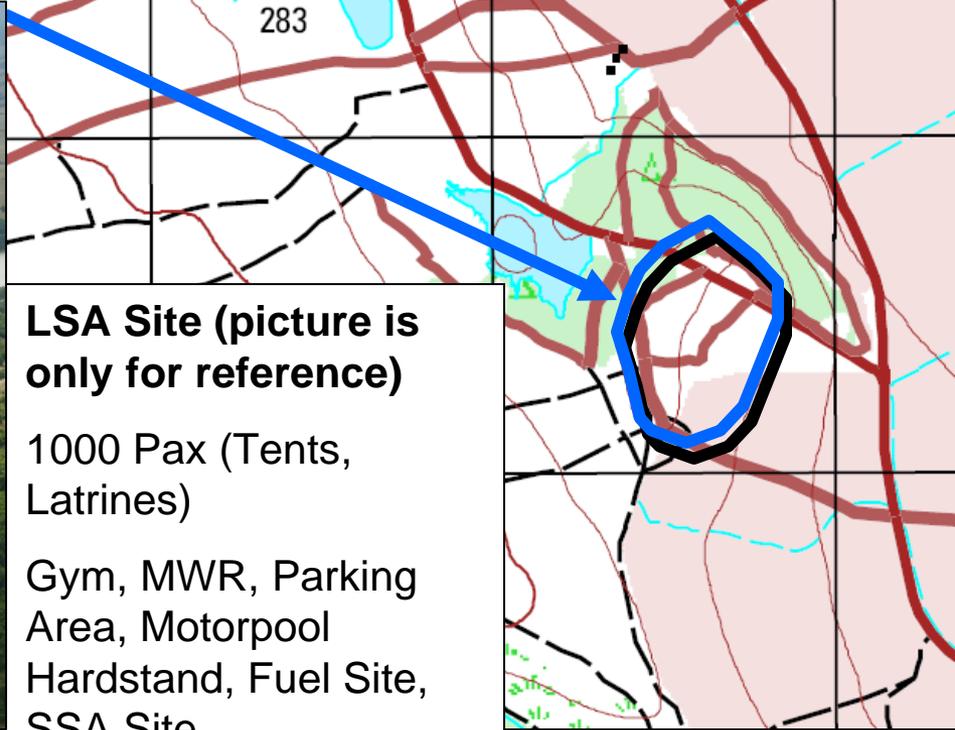
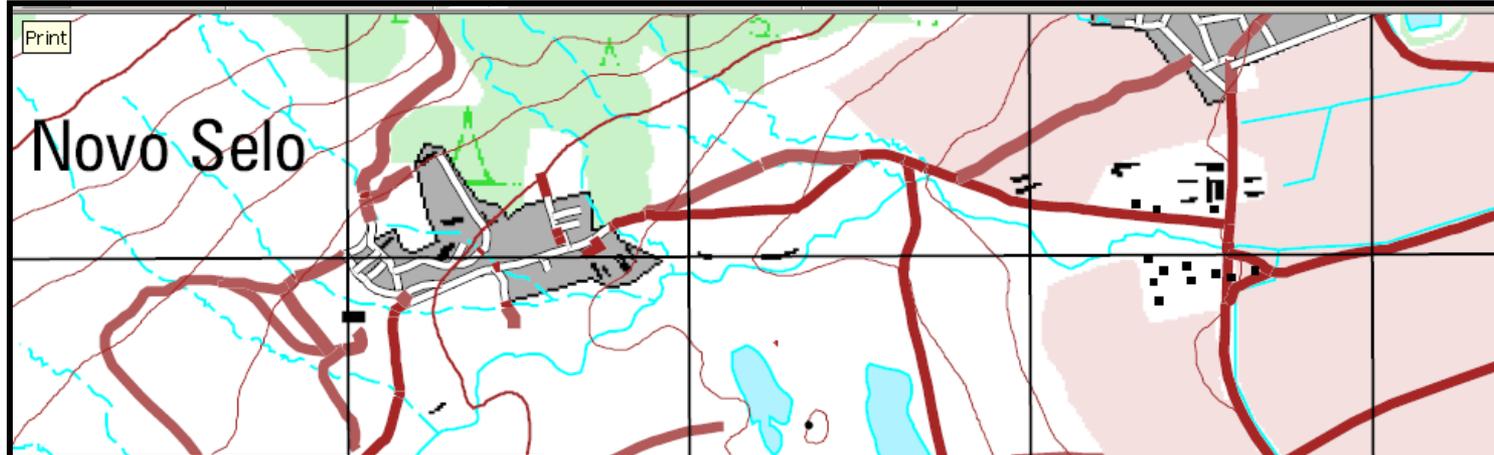
FACILITY	MAIN BASE CAMP	FORWARD OPERATING BASE	OUTPOST
Alteration/Pressing Shop	YES	NO	NO
PX	YES	YES	AAFES Trailer
PX Warehouse	YES	NO	NO
Fitness Center	YES	YES	YES (Tents Only)
Field House/Multipurpose Facility	YES	YES	NO
Athletic Fields	YES	YES (limited)	NO
Community Activity Center	YES	YES (combined with Education Center)	YES (Tent Only for Recreation/Break Room)
Multi-Purpose Theater	YES	NO	NO
MWR Warehouse/Maintenance Facility	YES	NO	NO
AFN Manned Operations	YES	NO	NO
AFN Unmanned Operations	YES	YES	NO

GLOSSARY

AAFES	Army & Air Force Exchange Service
AFN	American Forces Network
AOR	Area of Responsibility
ASG	Area Support Group
ASP	Ammunition Supply Point
AST	Area Support Team
BCCA	Base Camp Coordinating Agency
BCMP	Base Camp Master Plan(s)
BCPB	Base Camp Planning Board
CAHA	Captured Ammunition Holding Area
CIF	Central Issue Facility
COA	Course of Action
CONOPS	Contingency Operations
CSL	Cooperative Security Location
DCG	Deputy Commanding General
DCSENG	Deputy Chief of Staff Engineer
DFAC	Dining Facility
DG	Distributed Generation
DLA	Defense Logistics Agency
DoD	Department of Defense
DOL	Directorate of Logistics
DPW	Directorate of Public Works
DRMO	Defense Reutilization and Marketing Office
DS	Direct Support
DTR	Dental Treatment Room
DX	Direct Exchange
FOB	Forward Operating Base
FOD	Foreign Object Damage
FOL	Forward Operating Location
FOS	Forward Operating Site
FP	Force Provider
GFCI	Ground Fault Circuit Interrupter
HFPE	Health Facility Planning Europe
HVAC	Heating, Ventilation, and Air Conditioning
Hz	Hertz
IC	Internal Combustion
ICW	In Coordination With
IMA-EURO	Installation Management Agency - Europe
JARB	Joint Acquisition Review Board
JCC	Joint Contracting Center
JSIDS	Joint Services Imagery Digitizing System
LSA	Life Support Area
MILVAN	Military Van (Container)
MOB	Main Operating Base
MOS	Military Occupational Specialty
MP	Military Police
MWR	Morale, Welfare and Recreation
NATO	North Atlantic Treaty Organization
NBC	Nuclear, Biological, and Chemical
NFPA	National Fire Protection Association
NSC	Network Service Center
NSF	Net Square Feet

O&M	Operations and Maintenance
OSD	Office of the Secretary of Defense
OTSG	Office of the Surgeon General
PMO	Program Management Office
PX	Post Exchange
SCIF	Secure Compartmentalized Information Facility
SF	Square Feet
SSA	Supply Support Activity
SWB	Sanitary Wall Board
TASC	Training and Audiovisual Support Center
TF	Task Force
TOC	Tactical Operations Center
TOE	Table of Organization and Equipment
USACE	United States Army Corps of Engineers
USAFE	US Air Force, Europe
USAREUR	US Army, Europe





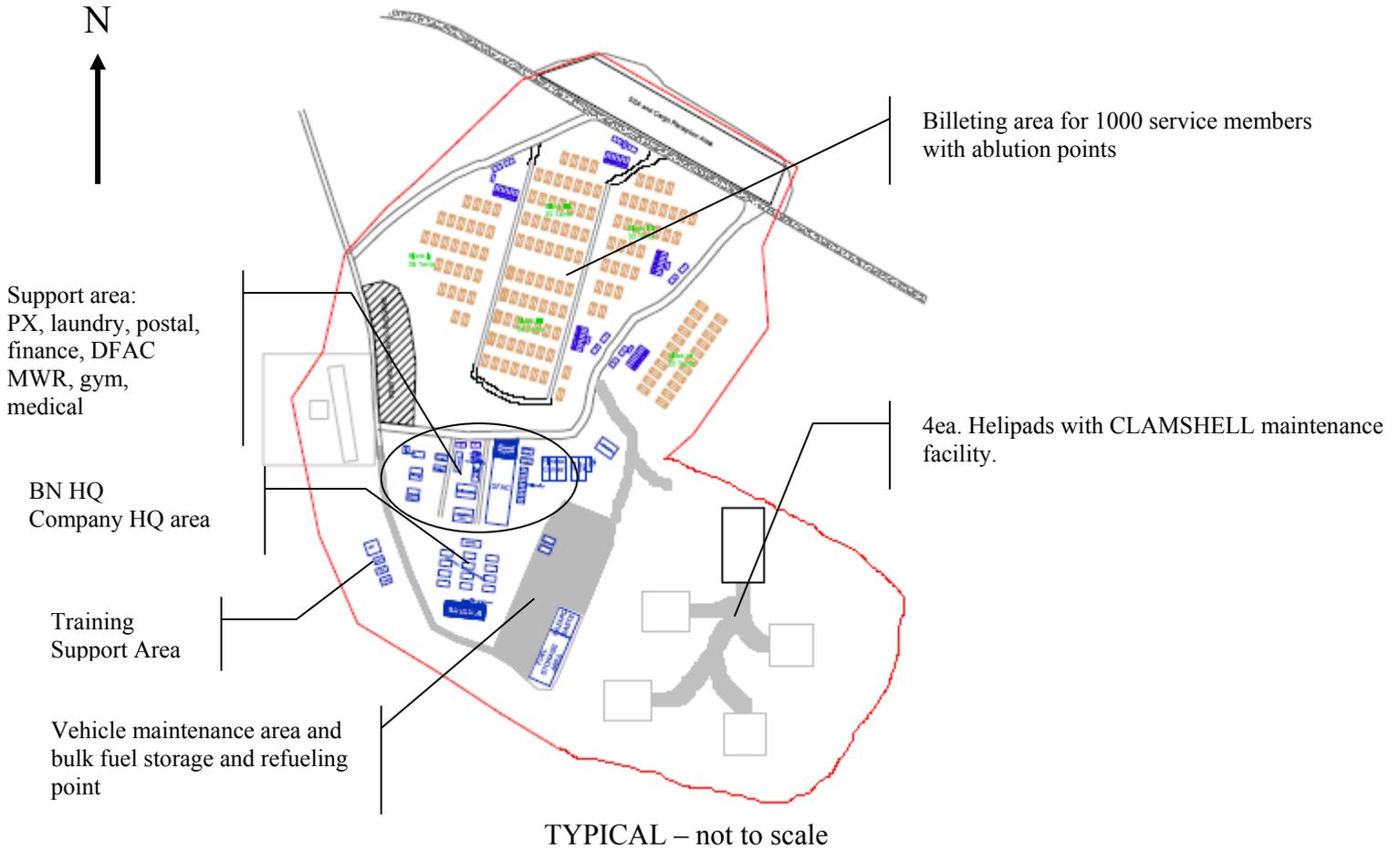
LSA Site (picture is only for reference)

1000 Pax (Tents, Latrines)

Gym, MWR, Parking Area, Motorpool
Hardstand, Fuel Site, SSA Site



ANNEX D- Sample Base Camp layout



Intended to represent the concept of development for the TFOS at Novo Selo Training Area.

TOPAZ ENERGY LTD - PRODUCT SUPPLY SPECIFICATION

DIESEL AGO EN 590

SAP No: 40002991

FSIA (PSS) No: 44220

IS EN 590 2004			Winter 10/09- 15/03#	Summer 16/03- 09/09#	Spec Test Method	IP / ASTM EquivMethod	note (a)
<i>Appearance:-</i>			<i>Clear and Bright, free from visible water and sediment at 15 °C or ambient whichever is higher</i>		<i>Visual</i>		
<i>Colour ASTM</i>		<i>max</i>	2.5	2.5		D 1500	
Density at 15°C	kg/m³		820.0-845.0	820.0-845.0	EN ISO 3765 EN ISO 12185	D 4052 or D 1298	
<i>Odour</i>			<i>Marketable</i>	<i>Marketable</i>			
Cetane Number		min	51	51	EN ISO 5165	D 613	(b)
Cetane Index		min	46	46	EN ISO 4264	IP 380	(b)
Polycyclic Aromatic Hydrocarbons	%m/m	max	11	11	IP 391		
Viscosity at 40°C	mm²/s		2.00-4.50	2.00-4.50	EN ISO 3104	D 445	
Cloud point	°C	max	-5	+3	EN 23015	D 2500	(c)
CFPP	°C	max	-15	-5	EN 116	IP 309	(d) (c)
Sulphur content	mg/kg	max	50	50	EN 24260 EN 14596 EN ISO 8754	IP 336	
Lubricity, Corrected Wear Scar diameter at 60 °C	µm	max	460	460	ISO 12156		(e)
Copper Corrosion - 3h at 100°C			Class 1	Class 1	EN ISO 2160	D 130	
<i>Hydrogen sulphide</i>			<i>Pass</i>	<i>Pass</i>	SMS 231		
Carbon Residue (on 10% dist residue)	%m/m	max	0.30	0.30	EN ISO 10370	D 4530	
Water	mg/kg	max	200	200	prEN ISO 12937	D 1744	
Total Contamination - Particulate Matter	mg/kg	max	24	24	EN 12662		
Ash	%m/m	max	0.01	0.01	EN ISO 6245	D 482	
Flash Point	°C	min	60	60	EN 22719	D 93	(f)
<i>Strong acid number</i>	<i>mgKOH/g</i>		<i>Nil</i>	<i>Nil</i>	<i>D 974</i>		
<i>Total acid number</i>	<i>mgKOH/g</i>	<i>max</i>	<i>0.5</i>	<i>0.5</i>	<i>D974</i>		
Distillation					prEN ISO 3405	D 86	
Recovered at 250°C	%v	max	65	65			
Recovered at 350°C	%v	min	85	85			
95% Recovered at	°C	max	360	360			
Oxidation stability	g/m³	max	25	25	EN ISO 12205	D 2274	
<i>Existent sludge</i>	<i>mg/100ml</i>	<i>max</i>	<i>2</i>	<i>2</i>	<i>SMS 2708</i>		
<i>Potential - Existent sludge</i>	<i>mg/100ml</i>	<i>max</i>	<i>4</i>	<i>4</i>	<i>SMS 2709</i>		
Additives:							
Flow Improver			- see Appendix II -				(d)
Static Dissipator	mg/kg	max	- see Appendix II -				(g)
Lubricity Additive			- see Appendix II -				(e)
Fatty Acid Methyl Ester FAME	%V/V	MAX	5		EN 14078		

Tests in Italics do not appear in the external specification but are additional tests required by SUK OP

Where more than one test method is quoted in the reference specification the one in **BOLD** is defined as the referee method.