AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 / 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
0003	03-Jan-2009		

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than item 6)	CODE
AFGHANISTAN ENGINEER DISTRICT US ARMY CORPS OF ENGINEERS KABUL APO AE 09356	W917PM	See Item 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			
		X	9A. AMENDMENT OF SOLICITATION NO. W917PM-09-R-0034
		X	9B. DATED (SEE ITEM 11) 12-Dec-2008
			10A. MOD. OF CONTRACT/ORDER NO.
			10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

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

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

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

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

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

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

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

The purpose of this amendment is to provide revised Appendix A, incorporate Appendix H and provide additional vendor questions and Government responses.

a. This amendment incorporates revised Appendix A drawing of Gardez Garrison.
b. This amendment adds Appendix H, which provides current Electrical Equipment Data for Gardez.
c. This amendment adds additional vendor questions and Government responses.
d. The due date for proposals remains 14 January 2009.

See Summary of Changes page for details.

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) TEL: EMAIL:	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 03-Jan-2009

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been modified:

REQUEST FOR INFOR AMEND 0002

1. **Vendor Question**: In site visit they told us that three are (3) Arms Storage Facilities, but in RFP five (5), which one is right? Please also let us know how much will be the height of building?

   Government Response: Solicitation Amendment 0002 corrects the number of Arms Storage Facilities from five (5) to three (3). The height of the ASB is approximatley 4.76 m from finish floor elevation to the top of the ridge line.

2. **Vendor Question**: Five (5) Laundry Facilities drawing not exist.

   Government Response: Solicitation Amendment 0002 adds appendix G10 which provides a drawing of the Laundry Facilities.

3. **Vendor Question:** One (1) Athletic Field/Track, specification does not exist and section does not exist.

   Government Response: Reference Solicitation, Section 01010, paragraphs 1.0, 4.1.3, 4.8.5 for specification for Athletic Field/Track. See Reference Appendix A for the proposed location and Appendix C for drawings of the Track and Field.

4. **Vendor Question:** Also in proposal option mentioned two (2) Bleachers its drawings not exist.

   Government Response: Bleachers are listed in the Solicitation as an Option Item, quantity of two (2). Bleachers are described in section 01010, paragraph 4.1.3 and 4.8.5. No drawings exist of bleachers.

5. **Vendor Question:** Number of Guard towers not mentioned.

   Government Response: Guard tower is mentioned in the Solicitation, section 01010, paragraph 4.8.7, 4.11 and in section 01015 paragraph 2.3.1, 2.4, 2.4.4, 3.11.1.1.5, 3.11.1.3, and 9.4.2.

6. **Vendor Question:** Reinforced concrete wall with stone veneer wall length and location is not mentioned.

Government Response: Reference Appendix G for location and approximate length of Reinforced Concrete Wall with Stone Veneer.

7. **Vendor Question:** 2 KM of access road, wide of road not mentioned on road drawing section.

   Government Response: Reference Appendix G for location and approximate width of access road.

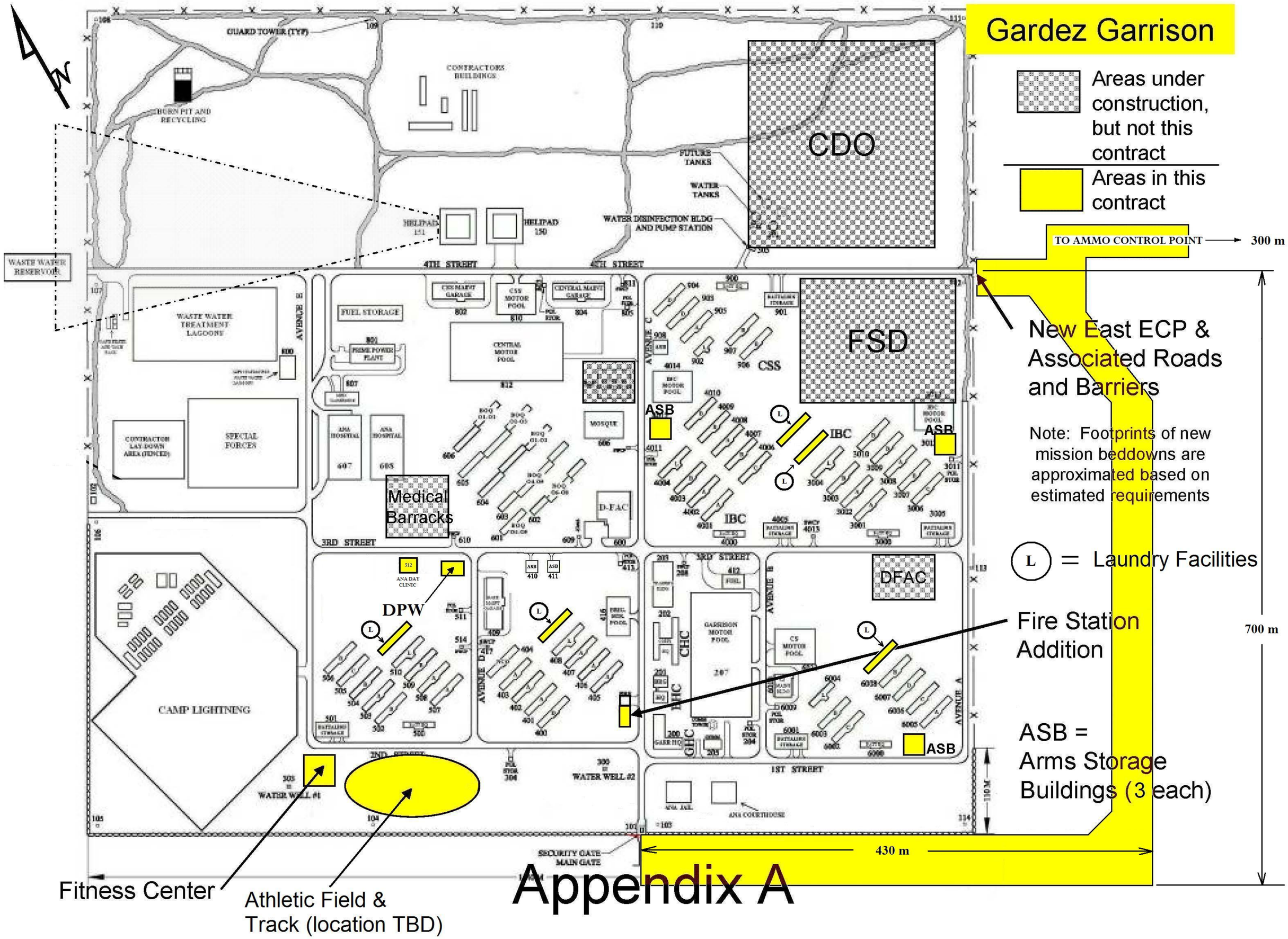
8. **Vendor Question:** One (1) Fitness Center, is not clear where 600 SQ M (24.5x24.5) ,where will be the high court ,is it volleyball ground place or any other place or all area will have metal frame wall with metal roof ,now volleyball area is approx(15x12) according to the drawings. Please specify.

   Government Response: The height of the volleyball court needs to be 7m from floor to ceiling and the rest of the area (weight room/toilet facilities) needs to be 3m from floor to ceiling. There will be two different roof heights.

9. **Vendor Question:** It has been mentioned that the power system including the generator and transformer should be upgraded as required. What is the present capacity of the generator and the transformer so that based on that we can calculate the additional needed amount of power and then deside on the size of the generator.

   Government Response: See attached appendix H for ANA Garrison Base Gardez Electrical Power Equipment Data.

(End of Summary of Changes)


Gardez Garrison
Areas under construction, but not this contract
Areas in this contract
TO AMMO CONTROL POINT
300 m
700 m
430 m
New East ECP & Associated Roads and Barriers
Note: Footprints of new mission beddowns are approximated based on estimated requirements
L = Laundry Facilities
Fire Station Addition
ASB = Arms Storage Buildings (3 each)
Fitness Center
Athletic Field & Track (location TBD)
CDO
FSD
DFAC
DPW
Medical Barracks
ASB
IBC
CSS
CAMP LIGHTNING
WASTE WATER RESERVOIR
WASTE WATER TREATMENT LAGOONS
SPECIAL FORCES
CONTRACTORS BUILDINGS
BURN PIT AND RECYCLING
GUARD TOWER (TYP)
FUTURE TANKS
WATER TANKS
WATER DISINFECTION BLDG AND PUMP STATION
HELIPAD 151
HELIPAD 150
4TH STREET
3RD STREET
2ND STREET
1ST STREET
FUEL STORAGE
PRIME POWER PLANT
CENTRAL MOTOR POOL
MOSQUE
D-FAC
GARRISON MOTOR POOL
CS MOTOR POOL
ANA DAY CLINIC
ANA JAIL
ANA COURTHOUSE
WATER WELL #1
WATER WELL #2
SECURITY GATE MAIN GATE
AVENUE A
AVENUE B
AVENUE C
AVENUE D

Appendix A

Appendix H

ANA Garrison Base - Gardez / Electrical Power Equipment Data

	Number of Generators & Manufacturer	Type	Size (kW)	Monthly Usage:	Current	Estimate
Generators	6 CAT 3512B/ 1Cat Blackstart	Diesel	1.M.w	1,52,640L (212LPH)	1270437 kWH	838517 kWH
	2 Perkins F6 Wilson XP83E1	Diesel	220KW	11160lph (15lph)	462KWH	400KWH
	2 Perkins F6 Wilson XP83E1	Diesel	220KW	15LPH (back up)	N/A	N/A
	2 AKSA Model AC 115	Diesel	110KVA	18LPH (stand by)	N/A	N/A

	Capacity	Manufacturer	Model	Quantity
Switchgear	1200A/15KV	RUSSELECTRIC	RE750	11
Step-Up Transformers	1500 KVA	AREVA	N/A	6
Distribution Transformers	1500 KVA	AREVA	N/A	6
Power Plant Fuel Storage	100,000 Ltrs	Petrocon	N/A	10
Number of Base Feeders	N/A	N/A	N/A	3
Type of Distribution	Overhead	N/A	N/A	N/A

Power to the base is provide by a central power plant. The power is produced by diesel engine generators. The central power plant building has 4 separate areas, power generation room, control/switch gear room, storage room, and office. The fuel storage area and the distribution transformers are adjacent to the power plant building. The primary high voltage power is distributed by overhead distribution system to pole mount transformers. The secondary low voltage power is distributed by underground to buildings.

ANA GARRISON BASE - GARDEZ
ELECTRICAL PRODUCTION & CONSUMPTION DATA
WINTER 2007 - 2008

DATE	GARRISON POPULATION	TEMPERATURES AT GARDEZ		KW GENERATED (24 HRS)	FUEL USED (LITERS PER 24 HRS)
		LOW TEMP (F)	HIGH TEMP (F)		
Oct 1, 2007	1423	36	77	25100	6900
2	1423	36	71	26400	7200
3	1423	35	77	26600	7300
4	1423	34	77	24300	6600
5	1423	34	74	23000	6300
6	1423	33	71	24400	6700
7	1423	32	71	25800	7000
8	1423	33	71	26300	7150
9	1423	32	71	25500	6950
10	1423	31	70	25100	6850
11	1423	33	74	26600	7250
12	1423	36	75	23650	6250
13	1423	34	72	23650	6450
14	1423	34	72	21500	5850
15	1423	32	74	25700	7050
16	1423	30	73	29100	7950
17	1423	30	73	28650	7850
18	1423	31	75	25550	7000
19	1423	32	75	27250	7450
20	1423	32	77	27800	7600
21	1423	33	75	26950	7350
22	1423	32	68	28650	7800
23	1423	32	69	28450	7750
24	1423	32	69	27550	7500
25	1423	32	69	25600	7100
26	1423	32	69	26900	7350
27	1423	32	64	28250	7700
28	1423	31	64	29450	8050
29	1423	31	63	30100	8250
30	1423	25	63	29850	8150
31	1423	26	63	29250	8000

DAILY AVERAGES OCTOBER 2007	1423	32.2F	71.2F	26,547	7,247
	DAILY AVG. ANA POPULATION	DAILY AVERAGE LOW TEMP - MAR	DAILY AVERAGE HIGH TEMP - MAR	DAILY AVERAGE KW PRODUCED	DAILY AVERAGE FUEL CONSUMED - LITERS

18.66kw	5.09L
DAILY AVERAGE KW CONSUMPTION PER ANA MEMBER	DAILY AVERAGE FUEL CONSUMPTION PER ANA MEMBER

ANA GARRISON BASE - GARDEZ
ELECTRICAL PRODUCTION & CONSUMPTION DATA
WINTER 2007 - 2008

DATE	GARRISON POPULATION	TEMPERATURES AT GARDEZ		KW GENERATED (24 HRS)	FUEL USED (LITERS PER 24 HRS)
		LOW TEMP (F)	HIGH TEMP (F)		
Nov. 1, 2007	1503	21	59	27250	7450
2	1503	21	59	27000	7400
3	1503	20	59	29100	7950
4	1503	29	59	29300	8000
5	1503	23	59	28950	7900
6	1503	24	59	29250	8000
7	1503	25	59	30350	8300
8	1503	21	59	28800	7850
9	1503	21	58	29250	8000
10	1503	20	58	30050	8200
11	1503	19	57	28300	7750
12	1503	17	56	28200	7700
13	1503	12	56	33550	9150
14	1503	24	56	28900	8000
15	1503	15	60	32950	9000
16	1503	15	60	32150	8800
17	1503	15	60	33900	9250
18	1503	16	60	35900	9800
19	1503	17	66	36100	9850
20	1503	17	66	35576	8450
21	1503	21	66	35811	7200
22	1503	23	66	33583	7350
23	1503	24	66	34614	7150
24	1503	24	66	34280	8050
25	1503	25	60	34827	8200
26	1503	20	61	34279	9050
27	1503	17	70	34350	9400
28	1503	27	40	25100	9600
29	1503	27	40	35500	9700
30	1503	22	37	34950	9550

DAILY AVERAGES NOVEMBER 2007	1503	20.7F	58.6F	31,737	8,402
	DAILY AVG. ANA POPULATION	DAILY AVERAGE LOW TEMP - MAR	DAILY AVERAGE HIGH TEMP - MAR	DAILY AVERAGE KW PRODUCED	DAILY AVERAGE FUEL CONSUMED - LITERS

21.12kw	5.60L
DAILY AVERAGE KW CONSUMPTION PER ANA MEMBER	DAILY AVERAGE FUEL CONSUMPTION PER ANA MEMBER

ANA GARRISON BASE - GARDEZ
ELECTRICAL PRODUCTION & CONSUMPTION DATA
WINTER 2007 - 2008

DATE	GARRISON POPULATION	TEMPERATURES AT GARDEZ		KW GENERATED (24 HRS)	FUEL USED (LITERS PER 24 HRS)
		LOW TEMP (F)	HIGH TEMP (F)		
Dec 1, 2007	2111	22	30 - snow	41500	11350
2	2111	15	50	43850	12000
3	2111	15	50	44250	12100
4	2111	15	53	42150	11500
5	2111	14	49	41150	11250
6	2111	16	50	35350	9650
7	2111	17	50	40900	11150
8	2111	19	51	40600	12000
9	2111	16	50 - snow	45650	12500
10	2111	15	50	45650	12450
11	2111	15	50	43750	12000
12	2111	16	38	43850	12000
13	2111	15	38	40350	11000
14	2111	14	38	39150	10700
15	2111	14	38	43700	11900
16	2111	14	38	45100	12350
17	2111	13	35	39600	10800
18	2111	12	33	38150	10400
19	2111	12	34	36800	10050
20	2111	13	37	35350	9650
21	2111	15	35	35800	9800
22	2111	14	35	38600	10500
23	2111	15	35	39200	10700
24	2111	15	35	40050	10900
25	2111	15	35	40750	11150
26	2111	14	35	42400	11600
27	2111	14	35	42100	11500
28	2111	14	35	42500	11600
29	2111	14	35	47500	13000
30	2111	14	35	46700	13300
31	2111	14	35	48250	13200

DAILY AVERAGES DECEMBER 2007	2111	14.8F	40.2F	41,635	11,421
	DAILY AVG. ANA POPULATION	DAILY AVERAGE LOW TEMP - MAR	DAILY AVERAGE HIGH TEMP - MAR	DAILY AVERAGE KW PRODUCED	DAILY AVERAGE FUEL CONSUMED - LITERS

19.72kw	5.41L
DAILY AVERAGE KW CONSUMPTION PER ANA MEMBER	DAILY AVERAGE FUEL CONSUMPTION PER ANA MEMBER

ANA GARRISON BASE - GARDEZ
ELECTRICAL PRODUCTION & CONSUMPTION DATA
WINTER 2007 - 2008

DATE	GARRISON POPULATION	TEMPERATURES AT GARDEZ		KW GENERATED (24 HRS)	FUEL USED (LITERS PER 24 HRS)
		LOW TEMP (F)	HIGH TEMP (F)		
Jan 1, 2008	2188	14	35	48500	13250
2	2188	14	35	46650	12750
3	2188	14	30 - snow	45350	12400
4	2188	14	29 - snow	42650	11650
5	2188	14	29 - snow	46450	12700
6	2188	14	29 - snow	47000	12850
7	2188	14	29 - snow	50800	13900
8	2188	14	27 - snow	49900	13650
9	2188	13	25 - snow	48450	13250
10	2188	5	32	49050	13400
11	2188	0	30	48600	13300
12	2188	5	36	50350	13750
13	2188	5	34	52750	14400
14	2188	5	34	52550	14350
15	2188	5	35 - snow	50000	13650
16	2188	5	35 - snow	47750	13050
17	2188	2	28 - snow	48000	13100
18	2188	2	28 - snow	51050	14000
19	2188	2	28 - snow	51350	14050
20	2188	0	28	55850	15250
21	2188	0	28	57250	15650
22	2188	-4	22	55700	15200
23	2188	-4	21	57100	15600
24	2188	-5	20	58300	16000
25	2188	-5	20	56250	15350
26	2188	-5	20	57650	15750
27	2188	-5	20	59350	16200
28	2188	-5	20	57850	15800
29	2188	-3	20	58400	15950
30	2188	-3	20	57800	15800
31	2188	-2	30	59500	16250

DAILY AVERAGES JANUARY 2008	2188	3.9F	27.6F	52,200	14,266
	DAILY AVG. ANA POPULATION	DAILY AVERAGE LOW TEMP - MAR	DAILY AVERAGE HIGH TEMP - MAR	DAILY AVERAGE KW PRODUCED	DAILY AVERAGE FUEL CONSUMED - LITERS

23.86kw	6.52L
DAILY AVERAGE KW CONSUMPTION PER ANA MEMBER	DAILY AVERAGE FUEL CONSUMPTION PER ANA MEMBER

ANA GARRISON BASE - GARDEZ
ELECTRICAL PRODUCTION & CONSUMPTION DATA
WINTER 2007 - 2008

DATE	GARRISON POPULATION	TEMPERATURES AT GARDEZ		KW GENERATED (24 HRS)	FUEL USED (LITERS PER 24 HRS)
		LOW TEMP (F)	HIGH TEMP (F)		
Feb 1, 2008	2365	0	30	58450	15950
2	2365	0	30	54500	14900
3	2365	0	30	56050	15300
4	2365	1	30	57600	15750
5	2365	1	30 - snow	56000	15300
6	2365	1	35 - snow	58950	16100
7	2365	1	35 - snow	60500	16450
8	2365	1	35 - snow	61350	16750
9	2365	-10	30	60700	16600
10	2365	-6	25	59350	16200
11	2365	-5	20	60800	16600
12	2365	-5	20	59400	16200
13	2365	-5	20	55750	15500
14	2365	-5	30	50500	14050
15	2365	-5	30 - snow	45850	12750
16	2365	-1	30	46900	13000
17	2365	2	30	47850	13300
18	2365	2	30	49850	13850
19	2365	2	40	50300	13950
20	2365	5	40	46450	12900
21	2365	2	40	45300	12600
22	2365	10	40	45300	12600
23	2365	10	40	49800	13850
24	2365	10	40	49500	13750
25	2365	10	40	49650	13800
26	2365	10	40	47050	13050
27	2365	10	40	44300	12300
28	2365	20	55	38600	10750
29	2365	20	55	38500	10700

DAILY AVERAGES FEBRUARY 2008	2365	2.6F	34.1F	51,900	14,303
	DAILY AVG. ANA POPULATION	DAILY AVERAGE LOW TEMP - MAR	DAILY AVERAGE HIGH TEMP - MAR	DAILY AVERAGE KW PRODUCED	DAILY AVERAGE FUEL CONSUMED - LITERS

21.95kw	6.04L
DAILY AVERAGE KW CONSUMPTION PER ANA MEMBER	DAILY AVERAGE FUEL CONSUMPTION PER ANA MEMBER

ANA GARRISON BASE - GARDEZ
ELECTRICAL PRODUCTION & CONSUMPTION DATA
WINTER 2007 - 2008

DATE	GARRISON POPULATION	TEMPERATURES AT GARDEZ		KW GENERATED (24 HRS)	FUEL USED (LITERS PER 24 HRS)
		LOW TEMP (F)	HIGH TEMP (F)		
Mar 1, 2008	2816	20	55	39050	10850
2	2816	20	60	38200	10600
3	2816	20	60	38650	10750
4	2816	20	60	36950	10250
5	2816	32	52	36000	10000
6	2816	20	52	36750	10200
7	2816	36	52	37750	10500
8	2816	36	52	37150	10350
9	2816	23	63	35950	9950
10	2816	28	59	36450	10100
11	2816	32	52	35050	9200
12	2816	33	54	31950	8850
13	2816	35	57	28050	7800
14	2816	36	58	28000	7800
15	2816	32	64	29950	8300
16	2816	37	66	29400	8150
17	2816	37	66	29900	8300
18	2816	37	66	30050	8350
19	2816	37	66	28650	7950
20	2816	37	66	27800	7750
21	2816	37	66	27150	7550
22	2816	37	66	31050	8650
23	2816	39	70	32100	8900
24	2816	40	70	32700	9100
25	2816	35	72	30100	8350
26	2816	33	63	31050	8650
27	2816	38	61	29500	8200
28	2816	38	61	29950	8300
29	2816	38	61	28850	8000
30	2816	40	70	28950	8050
31	2816	40	67	29800	8250

DAILY AVERAGES MARCH 2008	2816	33.0F	61.5F	32,352	8,968
	DAILY AVG. ANA POPULATION	DAILY AVERAGE LOW TEMP - MAR	DAILY AVERAGE HIGH TEMP - MAR	DAILY AVERAGE KW PRODUCED	DAILY AVERAGE FUEL CONSUMED - LITERS

18.66kw	5.09L
DAILY AVERAGE KW CONSUMPTION PER ANA MEMBER	DAILY AVERAGE FUEL CONSUMPTION PER ANA MEMBER