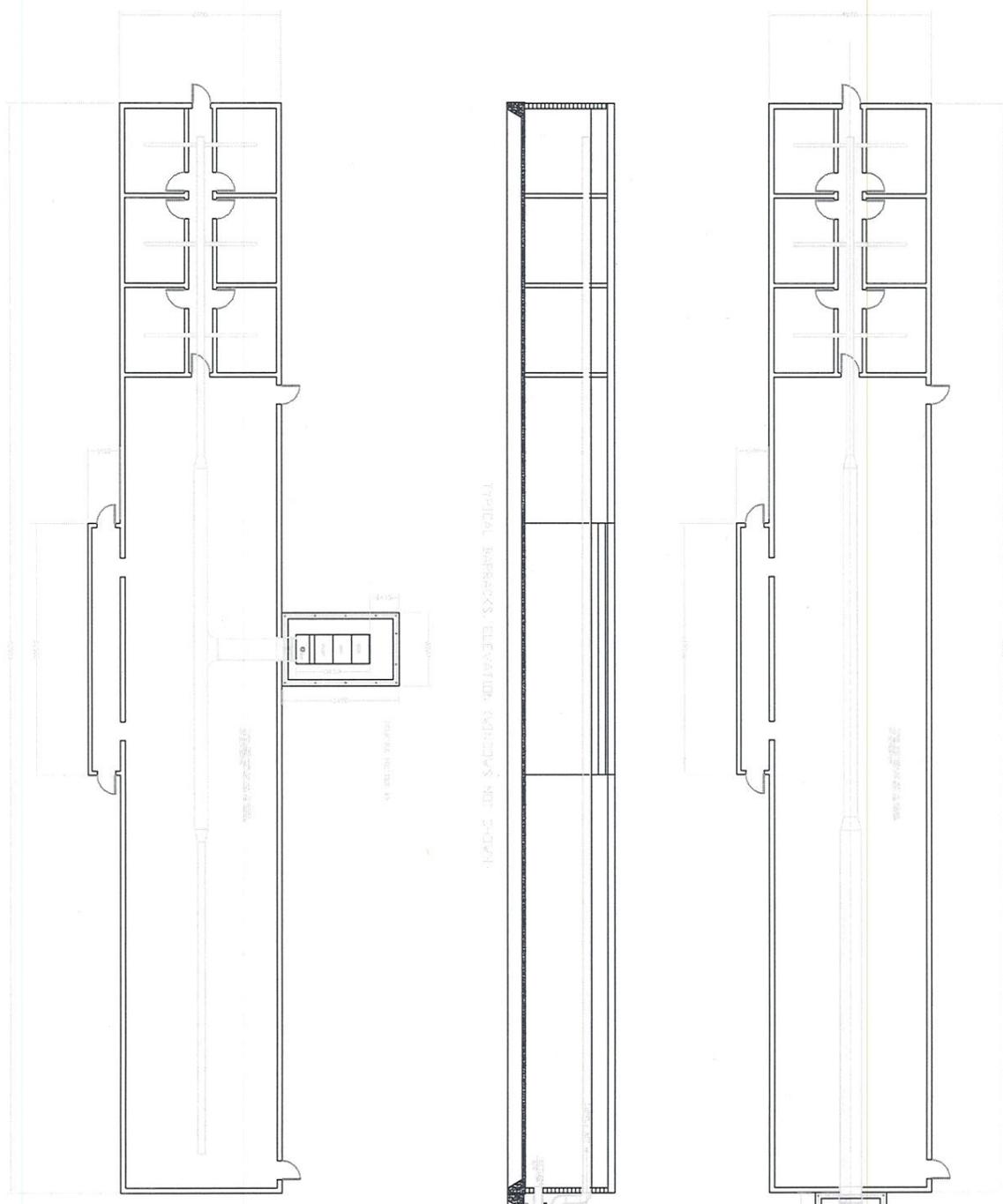


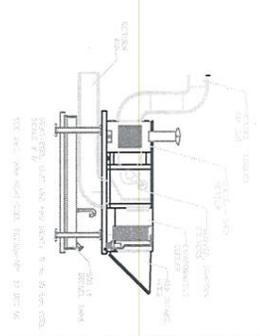
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. U0001		3. EFFECTIVE DATE 26-Jun-2007	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable) 1 1
6. ISSUED BY AFGHANISTAN ENGINEER DISTRICT US ARMY CORPS OF ENGINEERS KABUL APO AE 09356		CODE W917PM	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. W917PM-07-R-0082	
				<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 14-Jun-2007	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.					
<p>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:</p> <p>(a) By completing Items 8 and 15, and returning <u>1</u> 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.</p>					
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 <input type="checkbox"/> is not, <input type="checkbox"/> 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.)					
ANA Cooling and Heating Upgrades					
Add Appendix A, drawings and Appendix B, data sheet to the above mentioned solicitation.					
All other terms and conditions remain unchanged.					
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		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
_____ (Signature of person authorized to sign)			BY _____ (Signature of Contracting Officer)		

Appendix A

Drawings

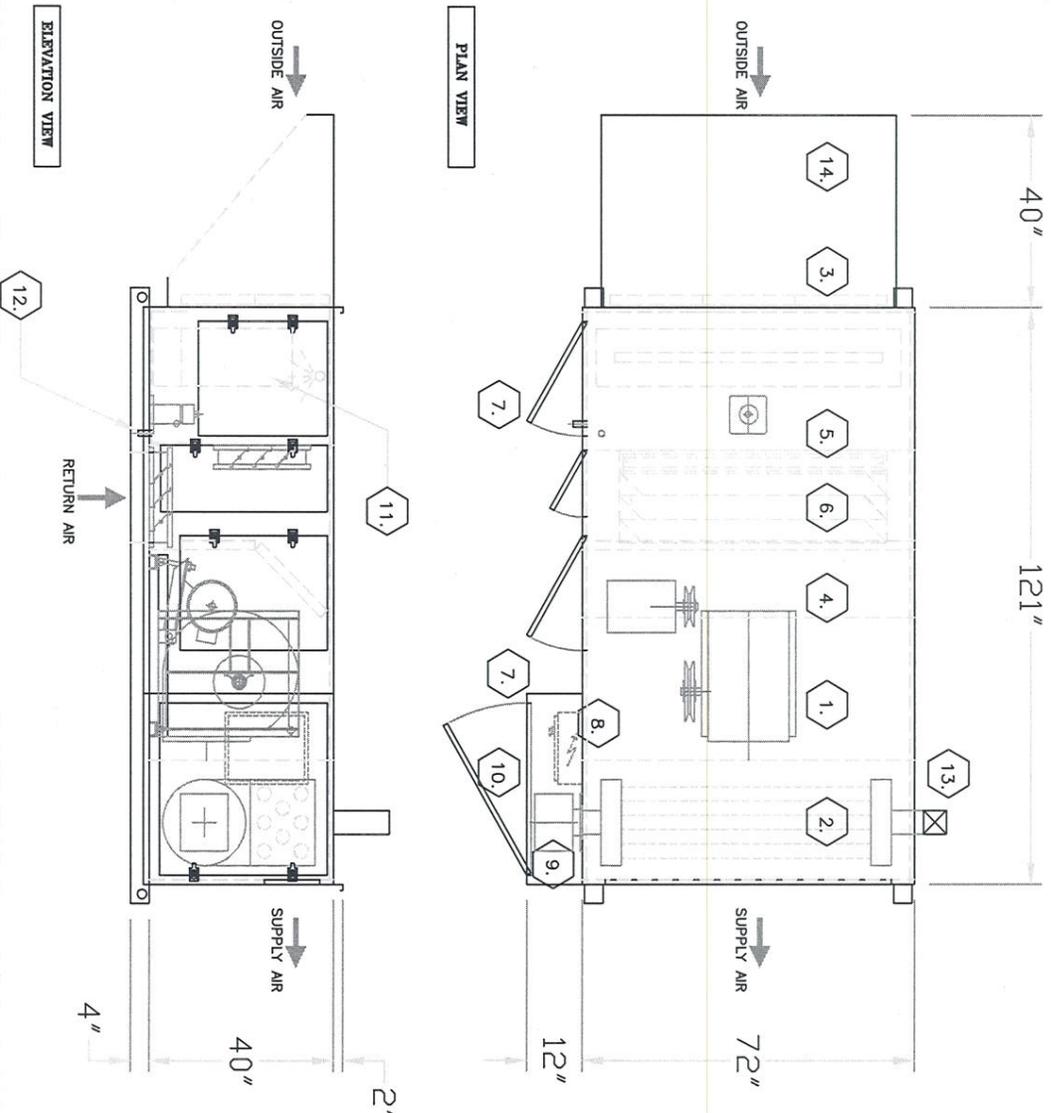


TYPICAL BARRACKS ELEVATION (SOUTH SIDE)



HEAT DESIGN FOR ANA MILITARY COMPOUNDS.
 TYPICAL DUCT-WORK FOR BARRACKS.
 File :: ANA HEAT-COOL DUCT-01 :: 16 DEC 06
 M. HORTON

PROPOSAL DRAWING



NO.	BY:	DATE:	REVISION:

1.	S/A FAN & MOTOR ASSEMBLY: SUPPLY AIR: 5,700 CFM ESP: 0.50" W.C. TSP: 2.80" W.C. FAN SIZE: 18/13 FC, DIDW BHP: 3.9 MOTOR: 5 hp, 2-SPEED, 380V/3/50HZ
2.	AAON INDIRECT-FIRED SS. HEAT EXCHANGER INPUT: 350 MBH OUTPUT: 300 MBH DIESEL FUEL TEMP. RISE: 48 F
3.	2", 30% EFF. WASHABLE PRE-FILTERS
4.	2", 30% EFF. PLEATED FINAL-FILTERS
5.	OUTSIDE AIR DAMPER c/w ACTUATOR
6.	RETURN AIR DAMPER c/w ACTUATOR
7.	ACCESS DOORS (TYP.) TYPE: HINGED c/w CAMLOCK
8.	ELECTRICAL PANEL
9.	DIESEL FUEL BURNER - RIELLO 40 (NO. 2 FUEL OIL BURNER) FIRING RATE: 1.45 - 2.95 GPH CAPACITY: 203 - 413 MBH PRESS. 100 - 200 PSIG
10.	ELECTRICAL & PIPING VESTIBULE
11.	EVAPORATIVE COOLING SECTION EVAP. PADS: 12" CELDEK MEDIA % EFF.: 85% c/w WATER PUMP, FLOAT-VALVE, DISTRIBUTOR(S) and PIPE
12.	SS. SUMP TANK c/w 3/4" NPT DRAIN PIPE and BLEED-OFF OVERFLOW
13.	OUTDOOR CHIMNEY: 5" X 5"
14.	OUTDOOR AIR INTAKE HOOD c/w BIRDSCREEN

CONSTRUCTION:
18 GA. CASING
22 GA. LINER IN HEAT EXCHANGER SECTION
1" 1/2 LBS/cu.ft INSULATION
4" STRUCTURAL STEEL TUBE BASE
AIR DRY ENAMEL, GREY FINISH

APPROX. WEIGHT: 2,700 LBS

PROJECT NAME:
ANA

MODEL No: **DT-30/SW/HV.**

DATE: **02/14/07** DWG No: **PDM-3788** TAG No: **MUA**
DRN BY: **G.L.** REVISION No: **--**



Appendix B

Data

KANDAHAR

Roof Ext Wall
 Metal CMU
 Flat Wood
 Partition

Bldg#		Note	Area(M2)	Roof	Wall
100	Corps Headquarters		552	Metal	CMU
101	Brigade Headquarters		552	Metal	CMU
102	Garrison Headquarters		990	Metal	CMU
103	Communication Building		278	Metal	CMU
105	Guard shack (main gate)	@	8.7	Metal	CMU
106	Reception Center	@	88	Metal	CMU
200	Barracks		436	Metal	CMU
201	Toilet/Showers		470	Metal	CMU
202	Barracks		436	Metal	CMU
203	Barracks		436	Metal	CMU
204	Barracks		436	Metal	CMU
205	Barracks		436	Metal	CMU
206	Storage Building		800	Metal	CMU
208	Battalion Headquarters		341	Metal	CMU
209	Storage Building	@	800	Metal	CMU
211	Barracks		436	Metal	CMU
212	Toilet/Showers		470	Metal	CMU
213	Barracks		436	Metal	CMU
214	Barracks		436	Metal	CMU
215	Barracks		436	Metal	CMU
216	Barracks		436	Metal	CMU
217	Battalion Headquarters		341	Metal	CMU
218	Barracks		436	Metal	CMU
219	Central Motor Pool		13100	--	--
220	Central Maintenance Garage		1395	Metal	CMU
221	Water Booster Pump	@	82	Metal	CMU
222	Fire Station	@	129	Metal	CMU
223	Central Receiving		1520	Metal	CMU
300	Motor Pool		1000	--	--
301	CS Maintenance Garage		624	Metal	CMU
302	CSS Motor Pool		2000	--	--
303	CSS Maintenance Garage		1395	Metal	CMU
306	Storage Building	@	800	Metal	CMU
307	Barracks		436	Metal	CMU
308	Toilet/Showers		470	Metal	CMU
309	Barracks		436	Metal	CMU
310	Barracks		436	Metal	CMU
311	Barracks		436	Metal	CMU
312	Barracks		436	Metal	CMU
313	Barracks		436	Metal	CMU
314	Barracks		436	Metal	CMU
315	Barracks		436	Metal	CMU
316	Battalion HQ		341	Metal	CMU
317	Trash Point	#	117	--	Wood
318	Class VIII Warehouse	#	800	Metal	CMU
319	BOQ4		477	Metal	CMU
320	BOQ3		522	Metal	CMU

@=insulation only, no HVAC upgrade

#= No work on this facility

Contractor is responsible to verify all data and quantities before bid.

Kandahar ANA Brigade Heating and Cooling Upgrades

Bldg#		Note	Area(M2)	Roof	Wall
321	BOQ3		477	Metal	CMU
322	BOQ2		477	Metal	CMU
323	BOQ1		477	Metal	CMU
324	BOQ1		477	Metal	CMU
325	BOQ1		789	Metal	CMU
326	BOQ1		683	Metal	CMU
327	BOQ1		683	Metal	CMU
400	Training building		1202	Metal	CMU
402	Dining Facility (DFAC)		2088	Concrete	CMU
405	Battalion Storage Bldg.		800	Metal	CMU
406	Barracks		436	Metal	CMU
407	Toilet/Showers		470	Metal	CMU
408	Barracks		436	Metal	CMU
409	Barracks		436	Metal	CMU
410	Barracks		436	Metal	CMU
411	Barracks		436	Metal	CMU
412	Barracks		436	Metal	CMU
413	Barracks		436	Metal	CMU
414	Barracks		436	Metal	CMU
415	Battalion HQ		341	Metal	CMU
417	Battalion Storage Bldg.	@	800	Metal	CMU
418	Barracks		436	Metal	CMU
419	Toilet/Showers		470	Metal	CMU
420	Barracks		436	Metal	CMU
421	Barracks		436	Metal	CMU
422	Barracks		436	Metal	CMU
423	Barracks		436	Metal	CMU
424	Barracks		436	Metal	CMU
425	Barracks		436	Metal	CMU
426	Barracks		436	Metal	CMU
427	Battalion HQ		341	Metal	CMU
428	Senior NCO Barracks		436	Metal	CMU
429	Toilet/Showers		470	Metal	CMU
430	Barracks		436	Metal	CMU
431	Barracks		436	Metal	CMU
432	Barracks		436	Metal	CMU
433	Barracks		436	Metal	CMU
434	Barracks		436	Metal	CMU
435	Barracks		436	Metal	CMU
436	Barracks		436	Metal	CMU
437	Arms Room Building		350	Metal	CMU
438	Arms Supply Building		350	Metal	CMU
439	Trash Point	#	117	--	Wood
440	Motor Pool		15600	--	--
441	Corps Motor Pool		3100	--	--
442	Garrison Maintenance Garage		1395	Metal	CMU
443	Brigade Motor Pool		1500	Metal	CMU
444	Refueling Point	#	105	--	--
500	Helipad	#	900	--	--
700	Power Plant	#	711	Metal	CMU

@=insulation only, no HVAC upgrade

#= No work on this facility

Contractor is responsible to verify all data and quantities before bid.

Kandahar ANA Brigade Heating and Cooling Upgrades

Bldg#		Note	Area(M2)	Roof	Wall
800	Waste water treatment bldg	@	86	Metal	CMU
--	Perimeter Fence	#	2750 LM	--	--
--	Stone Wall	#	1650 LM	--	Stone
--	Well pump house	#	50 SM	Metal	CMU
--	(2) Water storage tanks	#	500,000 L	--	--
--	Paved Roads	#	43,176 SM	--	--
--	water pipeline	#	10 km	--	--
107-119	Guard Towers (12 ea)	@	8	Concrete	CMU
16 structures					
219A	Central POL Storage	@	25	Concrete	CMU
300A	POL Storage Bldg.	@	25	Concrete	CMU
302A	POL Storage Bldg.	@	25	Concrete	CMU
304A	POL Storage Bldg.	@	25	Concrete	CMU
402A	DFAC Trash Point	#	117	--	Wood
402B	Tea station	@	47	Metal	CMU
440A	POL Storage Bldg.	@	25	Concrete	CMU
441A	Corps POL Storage Bldg.	@	25	Concrete	CMU
443A	POL Storage Bldg.	@	25	Concrete	CMU
445A	POL Storage Bldg.	@	25	Metal	CMU
446A	POL Storage Bldg.	@	25	Metal	CMU
	Other Buildings				
	Regional Hospital	@	2450	Metal	CMU

DFAC, If kitchen already has HVAC ducted system, then only provide new ducted system for dining area.

@=insulation only, no HVAC upgrade

#= No work on this facility

Contractor is responsible to verify all data and quantities before bid.

QUESTIONS & ANSWERS (Q&A)

ANA Heating and Cooling Upgrades Laskar Gah and Kandahar, Afghanistan

(Questions & Answers provided for informational purposes only)

If any Government responses indicate a change to the technical proposal, it is not official until and amendment is issued)

27 June 2007

Q- Questions

A- Answers

Question:

Will there be a site visit.

Answer:

Yes.

Lashkar Gah site visit is Saturday, June 30, 2007, 10am-12noon (POC is Ray Reed, Cell # is 0707414321).

Kandahar site visit is scheduled for Sunday, July 1, 2007, 10am-12noon (POC is Larry Bean, Cell # is 070 033 4625)

Question:

I would need some further clarification on the following

Code requirements for fuel lines will, regardless of which of the approaches described in the RFP, require welders rated in fuel line work. Will this be adhered to, or will companies be allowed to use regular local welders given the scarcity of documented welders in Afghanistan?

Answer:

Attached is the welder qualification section for fuel oil piping. The answer is "yes", the Contractor must obtain the services of a qualified welder.

Question:

1) Should window effects on R value of the wall be included in the overall calculation of the total wall R-factor?

Answer:

Yes.

Question:

2) The request notes that the contractor will be responsible for testing and balancing (TAB) of the duct system. Under SMACNA, which is the relevant spec in the solicitation, the contractor would be required to bring in and external TAB firm for the balancing to verify the system. Will the SMACNA requirement hold in this case or the scope as described?

Answer:

SMACNA requirements will govern.

Question:

3)Evaporation coolers will require constant feed of water. Have the facilities been checked to see if the current well pump set ups are sufficient for the increased load?

Answer:

No. The SOW states that the Contractor shall tap into the nearest water line that is large enough to support the evaporative cooler needs.

Question:

4)Several of the ANA facilities have high salt content in the water systems. This is generally handled by the constant flow of water through the system, however, the higher than 40deg C temperatures that will be designed for will require higher flows than most commercially available systems are designed to. Will this be taken into account in the technical review, as additional design may have to be done to modify systems to avoid maintenance problems with the system?

Answer:

Yes, we will evaluate as needed.

Question:

5)Will COE supply typical salt content of the water systems of the two facilities so that evaporator cooler suppliers may take this into account when asked for equipment quotes?

Answer:

No. We will ask the Contractor to provide the testing and to have the manufacturer provide recommendations based on the water test data.