

2. AMENDMENT/MODIFICATION NO. Am-0003	3. EFFECTIVE DATE 23 August 2004	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) KNMD013002A1
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
U.S. Army Engineer District, Honolulu Corps of Engineers, Building 230 ATTN: CEPOH-CT-C (Joy Sakamoto) Fort Shafter, Hawaii 96858-5440			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(√)	9A. AMENDMENT OF SOLICITATION NO. W9128A-04-R-0014
	X	9B. DATED (SEE ITEM 11) 30 July 2004
		10A. MODIFICATION OF CONTRACTS/ORDER NO.
		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 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.)

FY04 MILCON Project No. KNMD013002A1, Upgrade Electrical Distribution System, Phase 1/5, Hickam Air Force Base, Oahu, Hawaii

(Continued on Page 2.)

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

1. **CHANGES TO THE SOLICITATION.** Attached hereto are new and revised pages to specifications. Revised pages replace like-numbered pages. The revision mark “(Am-0003)” is shown on each new and revised page.

a. **REVISED PAGES.** Following are revised items to the specifications. Changes are indicated in **bold** print or hand-written notations. Although the entire Section 00010, Proposal Schedule, is being re-issued, only the bolded areas were changed:

Section 00010, Page 00010-i
Section 00800, Page 00800.B-2

b. **DELETED PAGE.** The following page is deleted from the specifications:

Section 00800, Page 00800.B-1

c. **NEW PAGES.** The following pages are added to the specifications:

Section 00800, Pages 00800.B-1a through 00800.B-1d
Section 00900, Page 00900.A-3
Section 00900, Pages 00900.B-1 through 00900.B-5 (Attachment 2; Pre-proposal conference presentation by MK Engineers, Ltd.)
Section 00900, 2-page Attachment 3; Conference Roster

2. The proposal closing date of AUGUST 30, 2004, 2:00 P.M., Hawaiian Standard Time, remains unchanged.

MAIN TABLE OF CONTENTS

Request for Proposal No. W9128A-04-R-0014, FY04 MILCON Project No.
KNMD013002A1, Upgrade Electrical Distribution System Phase 1/5, Hickam Air Force
Base, Oahu, Hawaii

Section 00010	SF 1442, Proposal Schedule
Section 00100	Instructions, Conditions, and Notices to Bidders Appendix A (Sample Small Business Subcontracting Plan)
Section 00120	Proposal Submission Requirements and Evaluation Factors Attachment 1 Attachment 2
Section 00600	Representations and Certifications Appendix A (SF LLL)
Section 00700	Contract Clauses Appendix A (Wage Rates)
Section 00800	Special Contract Requirements Appendix A (List of Drawings) Appendix B (Project Signs)
Section 00900	Miscellaneous Attachments Attachment 1 (Questions and Answers) Attachment 2 (Pre-proposal conference presentation by MK Engineers, Ltd.) Attachment 3 (Conference Roster)
Division 1	General Requirements Statement of Work

1. This procurement is UNRESTRICTED.
2. Contractor is required to COMPLETE AND RETURN the following sections of this solicitation: Section 00010 (ALL), and Section 00600 (ALL).
3. See Section 00700, DFARS clause 52.204-7004, Required Central Contractor Registration (CCR) regarding registration in the CCR database. Lack of registration in the CCR database will make an offeror ineligible for award.



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE CIVIL ENGINEER SUPPORT AGENCY

MAY 15 2002

FROM: HQ AFCEA/CES
139 Barnes Drive
Tyndall AFB, FL 32403-5319

**SUBJECT: Engineering Technical Letter (ETL) 02-09: Construction Signs for
Military Construction (MILCON) Projects**

1. Purpose. This ETL provides the instructions and format for Air Force MILCON project signs. The construction project sign provides the project title and basic construction team information.

2. Summary of Revisions. This ETL supersedes ETL 93-1, *Construction Signs*, by incorporating the use of the United States Air Force symbol (adopted March 2000) in accordance with guidelines in *The U.S. Air Force Symbol – Guidelines for Use*, and includes the following changes: sample construction sign (Figure 1); and sign colors (paragraph 6.5).

3. Application. This ETL is applicable to all new Air Force MILCON projects. It is not intended that signs on projects already under contract be changed nor to incur additional expense on projects under design simply to comply with this ETL.

3.1. Authority:

- Air Force Policy Directive (AFPD) 32-10, *Installations and Facilities*
- Air Force Instruction (AFI) 32-1023, *Design and Construction Standards and Execution of Facility Construction Projects*

3.2. Effective Date: Immediately.

3.3. Ultimate Recipients:

- Base civil engineers (BCE) and other Air Force units responsible for design and construction.
- U.S. Army Corps of Engineers (USACE) and Navy offices responsible for design and construction of Air Force facilities.

3.4. Coordination: Air Force major command (MAJCOM) civil engineers.

4. Referenced Publications:

4.1. Air Force:

- AFPD 32-10, *Installations and Facilities*
- AFI 32-1023, *Design and Construction Standards and Execution of Facility Construction Projects*

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APPROVED FOR PUBLIC RELEASE: DISTRIBUTION UNLIMITED

- Air Force Pamphlet (AFPAM) 32-1097, *Sign Standards Pamphlet*
- *The U.S. Air Force Symbol – Guidelines for Use*, available at <http://www.af.mil/airforcestory/guidelines.shtml>

4.2. Federal Standard (FED-STD):

- FED-STD-595B, *Colors*, Volume 1

5. Acronyms and Terms.

AFI	- Air Force Instruction
AFPAM	- Air Force Pamphlet
AFPD	- Air Force Policy Directive
BCE	- base civil engineer
ETL	- Engineering Technical Letter
in	- inch
MAJCOM	- major command
MILCON	- military construction
mm	- millimeter
RAMP	- Requirements and Management Plan
USACE	- U.S. Army Corps of Engineers

6. Requirements.

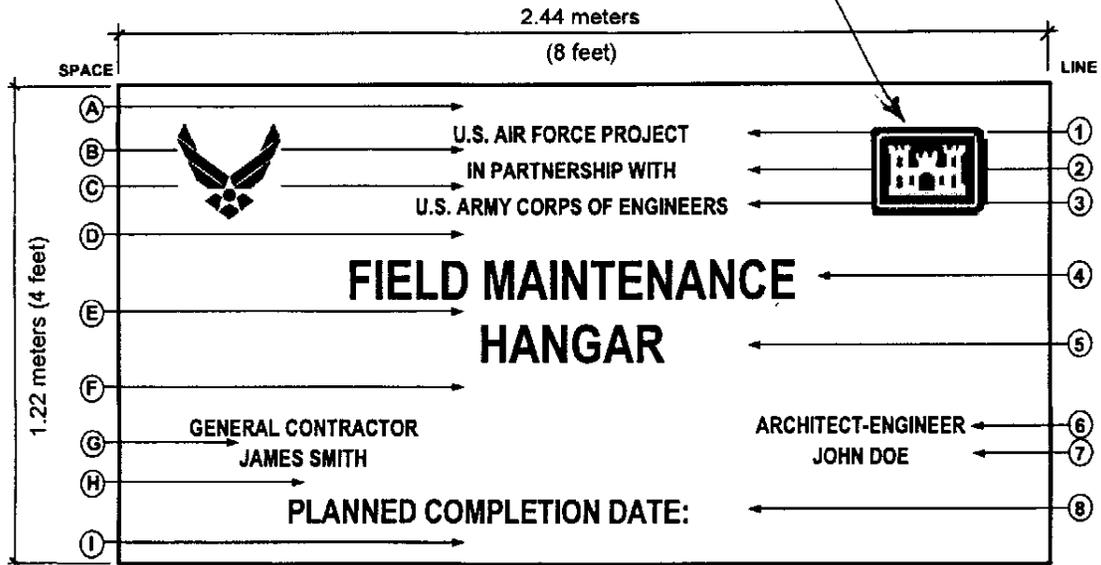
6.1. A construction sign is required for all MILCON projects. Exceptions may be made for security or host nation restrictions. MAJCOMs have the option to require signs on non-MILCON projects as prescribed in AFPAM 32-1097, *Sign Standards Pamphlet*.

6.2. The host MAJCOM must provide the sign colors and details to the design manager in the Requirements and Management Plan (RAMP). The design manager must ensure the design agent includes the details and contractor duties concerning the sign in the contract before advertising the project.

6.3. The contractor must furnish the sign, maintain the sign during construction, and remove the sign from the job site upon completion of the project.

6.4. Details of sign graphics and construction are shown in Figure 1. Construct the sign using a 1.22-meter by 2.44-meter by 13-millimeter (4-foot by 8-foot by 0.5-inch) thick sheet of grade-AC exterior plywood.

SEE DWG. NO. 40-21-06
FOR CORPS LOGO DETAILS



Space	Height	Line	Description	Letter Height	Stroke
A	102 mm (4 in)	1	U.S. AIR FORCE PROJECT	38 mm (1.5 in)	5 mm (0.1875 in)
B	51 mm (2 in)	2	IN PARTNERSHIP WITH	38 mm (1.5 in)	5 mm (0.1875 in)
C	51 mm (2 in)	3	U.S. ARMY CORPS OF ENGINEERS	38 mm (1.5 in)	5 mm (0.1875 in)
D	127 mm (5 in)	4	PROJECT NAME	102 mm (4 in)	13 mm (0.5 in)
E	76 mm (3 in)	5	PROJECT NAME CONT'D (IF REQUIRED)	102 mm (4 in)	13 mm (0.5 in)
F	127 mm (5 in)	6	GENERAL CONTRACTOR/A-E	38 mm (1.5 in)	5 mm (0.1875 in)
G	25 mm (1 in)	7	GENERAL CONTRACTOR/A-E	38 mm (1.5 in)	5 mm (0.1875 in)
H	102 mm (4 in)	8	PLANNED COMPLETION DATE	63 mm (2.5 in)	6 mm (0.25 in)

Figure 1. Construction Sign Example

6.5. Paint the sign with one coat of primer paint followed by two coats of gloss exterior-type enamel paint. The color must be either Standard Blue 15090 or Standard Brown 10100 as specified in Federal Standard (FED-STD) 595B, *Colors*, Volume 1. Lettering is to be as shown in Figure 1 in white gloss, exterior-type enamel.

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6.6. The message and graphic must be as shown in Figure 1, with the following exceptions (if applicable):

6.6.1. Projects managed by the Navy should substitute "NAVAL FACILITIES ENGINEERING COMMAND" for line 3.

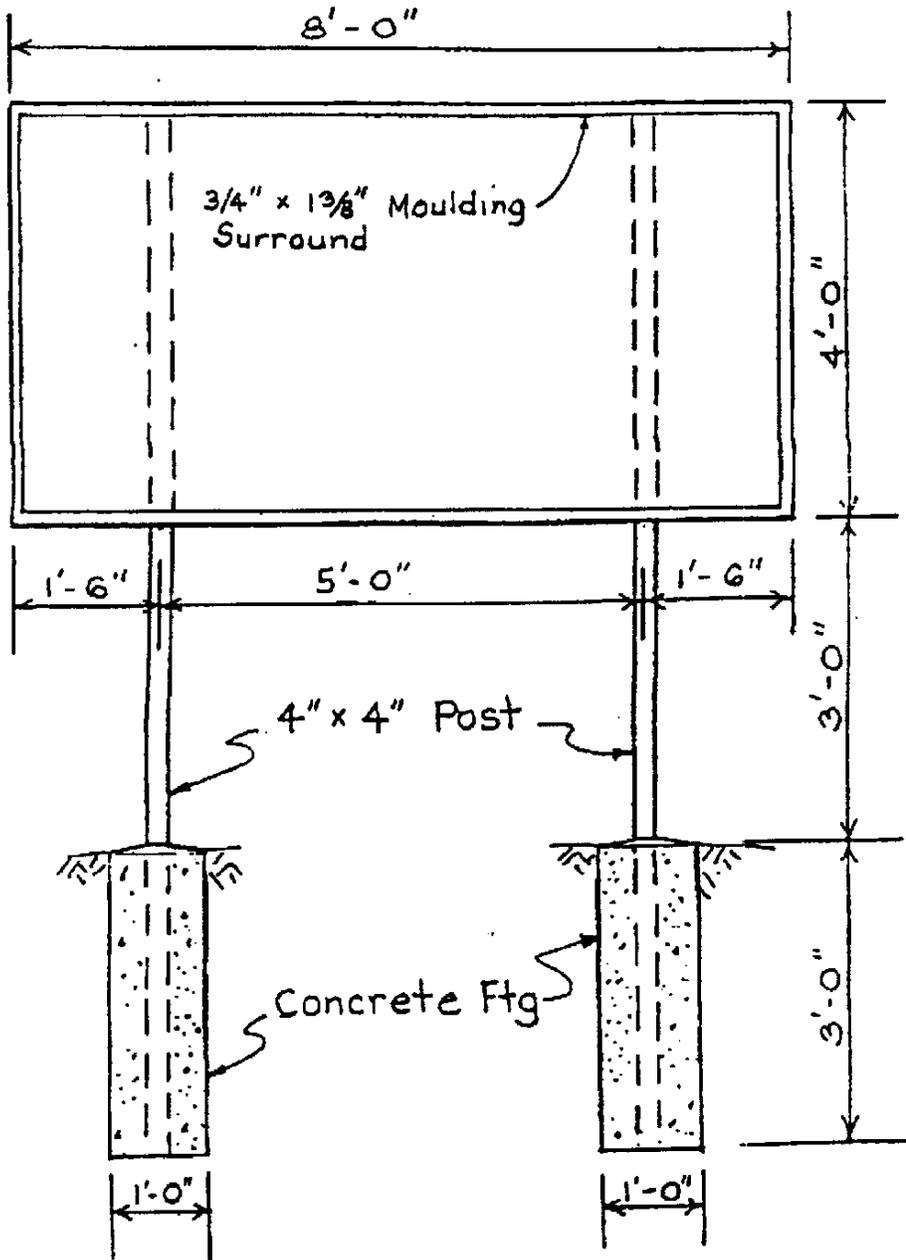
6.6.2. The appropriate Navy seal of similar size may be used at the location of the USACE graphic.

7. Point of Contact: Recommendations for improvements to this ETL are encouraged and should be furnished to: HQ AFCEE/DCD, 8004 Arnold Drive, Brooks AFB, 78235-5361, Attention: Mr. Randy Lierly, DSN: 240-4208, commercial (210) 536-4208, FAX DSN 240-9004, e-mail randall.lierly@brooks.af.mil.

MICHAEL J. COOK, Colonel, USAF
Director of Technical Support

1 Atch
1. Distribution List

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(Am-0003)



AIR FORCE PROJECT SIGN

00800.B-2 (Am-0003)

DWG. NO. 40-21-07

NOTE: CONSTRUCTION OF SIGN SHALL ALSO BE IN ACCORDANCE WITH ATTACHED ETC 02-09 (DATED MAY 15 2002)

SECTION 00900
RESPONSES TO QUESTIONS
Submitted by Planholders
Request for Proposal No. W9128A-04-R-0014

Q6. Contract requires contractor to remove excess spoil from site. Boring logs show evidence of possible contaminants without testing prior to bid. We will be unable to determine where to export to depending on levels of contaminants.

A6. A unit priced proposal item will be added via a future amendment to the proposal schedule to address the disposal of contaminated soil.

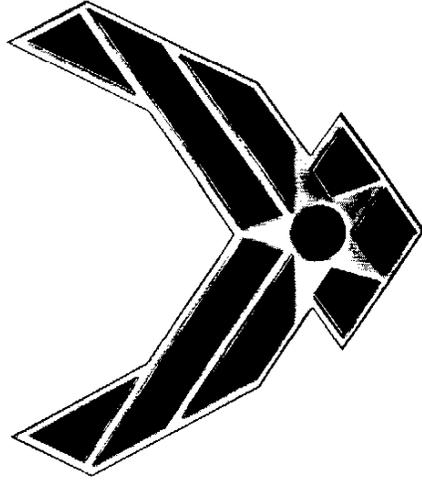
Q7. Can excavated materials be used for backfilling of electrical ductbanks for base bid and options?

A7. Yes.

Pacific Air Forces

Integrity - Service - Excellence

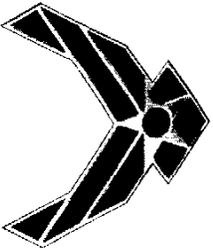
FY04 KNMD 01-3001 UPGRADE ELECTRICAL DISTRIBUTION SYSTEM, PHASE 1, HICKAM AIR FORCE BASE



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PRE-BID PRESENTATION

U.S. AIR FORCE



PROJECT SCOPE

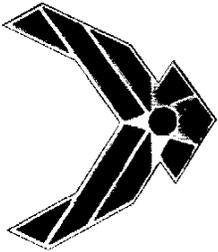
- ❖ PROVIDE NEW MAMALA SUBSTATION TO REPLACE EXISTING BACK STATION
 - ONE 10/12 MVA HECO TRANSFORMER
 - SUBSTATION BUILDING WITH SWITCHGEAR

- ❖ PROVIDE DUCTLINES FOR TWO HECO 46 KV CIRCUITS FROM A POLE NEAR THE FRONT STATION TO THE NEW MAMALA SUBSTATION
 - HECO TO PROVIDE CABLES FOR ONE CIRCUIT ONLY

- ❖ TIE EXISTING 11.5 KV DISTRIBUTION CIRCUITS FROM THE BACK STATION TO THE NEW MAMALA SUBSTATION

- ❖ DEMOLISH EXISTING BACK STATION

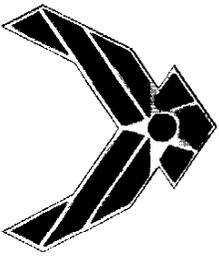
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KEY ISSUES

- ❖ DESIGN BUILD RFP
- ❖ PRICE TO INCLUDE ALL OF BASE SCOPE
- ❖ ADDITIONAL BID ITEMS FOR SPARE 11.5 KV DUCTLINES AND MANHOLES
- ❖ ALL WORK RELATED TO HECO SHALL BE PER HECO STANDARDS
- ❖ DESIGNS FOR HECO RELATED WORK SHALL BE APPROVED BY HECO PRIOR TO START OF CONSTRUCTION
- ❖ ALL HECO RELATED CONSTRUCTION WORK SHALL BE INSPECTED BY HECO
- ❖ TRAFFIC CONTROL AND SECURING CONSTRUCTION SITE
- ❖ MINIMIZING OUTAGES

00900 . B-3
(Am-0003)



DELINIATION OF WORK

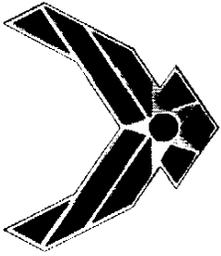
❖ WORK UNDER THIS CONTRACT

- ALL DUCTLINES AND MANHOLES
- CLEARING OF THE NEW TRANSFORMER YARD SITE
- MAMALA SUBSTATION SITE AND BUILDING, SWITCHGEAR, AND TRANSFORMER YARD WALL
- 11.5 KV CIRCUITS
- DEMOLITION OF EXISTING BACK STATION

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❖ WORK BY HECO

- 46 KV CABLING (ONE CIRCUIT)
- SCADA SYSTEM
- FINISHING OF TRANSFORMER YARD INCLUDING STRUCTURES
- ONE TRANSFORMER



DISCUSSION ITEMS

- ❖ C-17 PROGRAM
- ❖ SCHEDULE
- ❖ HAUL ROUTE
- ❖ CONTRACTOR'S LAY DOWN AREA
- ❖ TRAFFIC CONTROL PLANS

00900.B-5
(Am-0003)

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FY04 Elect Distr Ph 1 - Pre proposal 8/13/04

NAME/TITLE	ORGANIZATION	PHONE NO	FAX NO	E MAIL
Padney Capella	Commercial Electric	841-4595		
ROBERT IWASAKI	KIEWIT PACIFIC	674-1088	674-1236	riwasaki@pbd.com
Richard Ika	COE	438 1227	438 1248	richard.ika@usace.army
MIKE HANNAH	KIEWIT PACIFIC	674-1088	674-1236	mhannah@kiewit-pbd.com
James Collins	EC	421-1419	421 1803	james@echelectrical.com
STEVE TOMEI	SAM O. HIROTA	537-99762	5524 6313	dhirots@oloha.net
BRUCE KUGIYA	WASA Electric	834-2741	836-0887	wasa@st-hawaii.com
Jay Hashimoto	CDCA	521-3773	521-3993	jhashimoto@cdca.com
ERWIN MATEO	WASA Elec.	499-1628	836-0887	
LARRY NEAL	MILLER/WATTS	834.5614	834.5646	LNEAL@MILLERWATTS.COM
RICK TOTEN	CEPOH-OC	438-8395		
Joy Sakamoto	CEPOH-CT-C	438-8593	438-8588	joy.sakamoto@usace.army.mil
PAUL UTEDA	MK ENGINEERS	848-8622	848-5574	paul@mkhawaii.com
Guy Seymour	Underground Const. Co., Inc.	707-746-8800	707-746-1314	guy@undergrnd.com
Milton Kutaka	Miller Watts	808-721-6208	834-5646	mkutaka@millerwatts.com
Jeff Pruett	Miller Watts	808-834-5614	834-5646	J.Pruett@millerwatts.com
Scott Barley	SEI	951-684-9303	951-367-4613	sb@teamsei
Tim Beraklines	SEI	951-684-9303	"	TJB@TEAMSEI
KWANG CHON	C&C Electrical	847-6337	848 2831	C&C Electrical, S.S. Com
REYNOLD KAM	KD CONST.	478-0246	422-5816	REYNOLD.KAM@KD.CONSTRUCTION.COM