

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE 1	OF 1	PAGES 1
2. AMENDMENT/MODIFICATION NO. <b>Amendment # 1</b>		3. EFFECTIVE DATE <b>03JUL13</b>	4. REQUISITION/PURCHASE REQ. NO. <b>N/A</b>	5. PROJECT NO. (If applicable)		
6. ISSUED BY <b>NASA DRYDEN FLIGHT RESEARCH CENTER PO BOX 273/D-1422/A/JMH EDWARDS, CA 93523-0273</b>		CODE	7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)  <b>TO ALL BIDDERS</b>				(X)	9A. AMENDMENT OF SOLICITATION NO. <b>NND13458127E</b>	
				X	9B. DATED (SEE ITEM 11) <b>June 18, 2013</b>	
					10A. MODIFICATION OF CONTRACT/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 \_\_\_\_\_ 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 DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
N/A

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

(X)	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 Amendment No. 1 is to:

- 1) Provide a copy of the Job Walk/Site Visit sign-in sheet,
- 2) Provide answers to submitted questions, and,
- 3) Amend Drawing Trade Sheet No. E9, Sheet No. 37 of 75, by deleting Note 13 in its entirety.

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	
15C. DATE SIGNED		16C. DATE SIGNED	
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)	

NASA DRYDEN FLIGHT RESEARCH CENTER  
 SOLICITATION # NND13458127E  
 REPAIR PRIMARY ELECTRICAL DISTRIBUTION SYSTEM - PHASE VIII  
 JOB WALKSITE VISIT  
 SIGN-IN SHEET

IFB NND13458127E  
 Amendment #1

No.	NAME	COMPANY	TITLE	PHONE NUMBER	E-MAIL ADDRESS
1.	KEHLER	Power Secure Inc	Project Services	762 323 8779	kehl@powersecure.com
2.	Jim Walsh	Pyrama Security LLC	ESTIMATOR	229-314-5015	Walsh@pyramasecurity.com
3.	David Irvin	AC Electric Company	Senior Estimator	661-410-0308	dirvin@ac-electric.com
4.	James Louis	SIEMENS	Sr Eng Sys Eng	714 920 9509	James.Louis@siemens.com
5.	Joseph Norman	SDI	Supervisor	15001663-0970	adolson@swdskotah.com
6.	RICHARD ROYE	SHANKS ELECTRIC	ESTIMATOR	760 952 2085	RRAYE@SHANKSELECTRICCORP.COM
7.	ERIC GARDNER	ROYAL ELECTRIC	ESTIMATOR	916 226-2201	ericg@royalelect.com
8.	Keith White	Northway	line	601-510-3391	
9.	Rick Cowles	Northway	line	601-810-3353	
10.	SPADKOR	CONA	Estimator	916 760 7777	spadkor@conadistribution.com
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 REPAIR PRIMARY ELECTRICAL DISTRIBUTION SYSTEM - PHASE VIII  
 JOB WALKSITE VISIT  
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IFB NND13458127E  
 Amendment #1

No.	NAME	COMPANY	TITLE	PHONE NUMBER	E-MAIL ADDRESS
1.	Jon Lyman	SIEMENS	Mgr Fed Bus.	714.697.9373	Jonathan.Lyman@siemens.com
2.	PAT BAKER	WESCO	FIELD SALES	661-619-8462	pbaker@wesco.com
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**RESPONSES TO SUBMITTED QUESTIONS**  
**AND**  
**ADDITIONAL CLARIFICATIONS/CORRECTIONS TO THE BID DOCUMENTS**

**QUESTION 1:**

Sheet/Detail - E41

Specification section 337102.2.1.4 "Plastic Duct for Concrete Encasement" states "NEMA TC 6 & 8 and ASTM F 512, UL 651, EPC-40-PVC".

Details 1 and 3, which are for road crossings, on E41 point to the conduit saying "5" SHCE 80 PVC for power".

Details 2 and 4, which are for non-road crossings, on E41 do not call out anything for the "5" conduits.

Is it the intention that where we cross roads the conduit should be Sch 80 and Sch 40 elsewhere?

**ANSWER 1:**

All conduit will be concrete encased, so yes Sch 40 will suffice in locations that are not road/railroad conditions.

**QUESTION 2:**

Sheet/Detail - E18, E41

Specification section 337102.3.4.4 "Jacking and Drilling Under Roads and Structures" describes that conduit under railroad tracks should be zinc-coated, rigid steel, inside a larger iron pipe sleeve, with spacers. Should the crossing of Rosamond Blvd be done in the same way, or should it be done using the trench details 1 and 3 shown on E41?

**ANSWER 2:**

Crossing the railroad tracks, as shown on Sheet E18, shall be handled as described in spec section 337102.3.4.4 "Jacking and Drilling Under Roads and Structures".

**QUESTION 3:**

Sheet/Detail - E7, E8, and E25

The Type MSB Interrupt Switches with Vacuum Circuit Breakers shown on these three sheets do not seem to be included in the specifications. Please provide more detail as to what constitutes an acceptable Type MSB Interrupt Switch with a vacuum circuit breaker.

**ANSWER 3:**

Specification section 26 05 70.00 40 "High Voltage Over-Current Protective Devices" references the details needed.

**QUESTION 4:**

Sheet/Detail – E3

Is concrete encasement required between MH E23, the new 5 way sectionalizing switch, and the existing transformer shown in detail 1, sheet E3?

**ANSWER 4:**

Yes.

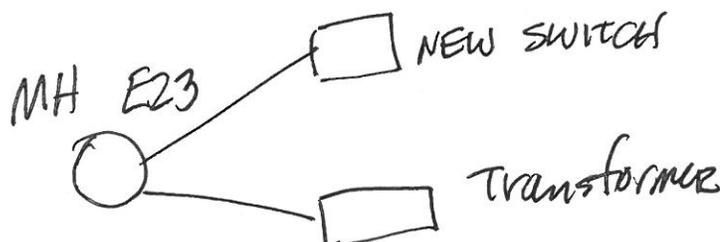
**QUESTION 5:**

Sheet/Detail – E3

No future conduits are shown stubbed out of the new 5 way switch, only the source in and one load to the existing transformer. Are future stubs to be installed?

**ANSWER 5:**

Need to provide 5 – 5" conduits from the new 5 way switch to the MH E23. No conduits from the transformer to the new 5 way switch. The existing transformer feed will route through MH E23 to the new 5 way switch.



**QUESTION 6:**

Sheet/Detail - E24

Note 9 says to "Provide 5" C-3#4/0 15kv, 1 #1/0 gnd. Provide EPR, Type MV-105, Shielded Conductor with 133% insulation", the call out of the note on the plans near Substation 17 doesn't seem to be referencing a conduit, but is "floating" on the drawing. What should we do with this?

**ANSWER 6:**

This is the feed to Sub 17.

**QUESTION 7:**

Sheet/Detail – E9

Note 13 says to "Provide replacement of existing 15kv conductors from PEDC Main Breaker M2 to Transformer T2 secondary". What are the quantities and sizes of the conductors?

**ANSWER 7:**

This note is to be deleted. Delete note 13.

**QUESTION 8:**

Sheet/Detail – E9

Conductors with tags 5, 6, 9, 10, 11, 12, 15, 16, 17, and 18 all reference replacing cable from a PEDC breaker to each different load, but there are no homeruns shown from manholes E14A or E25.

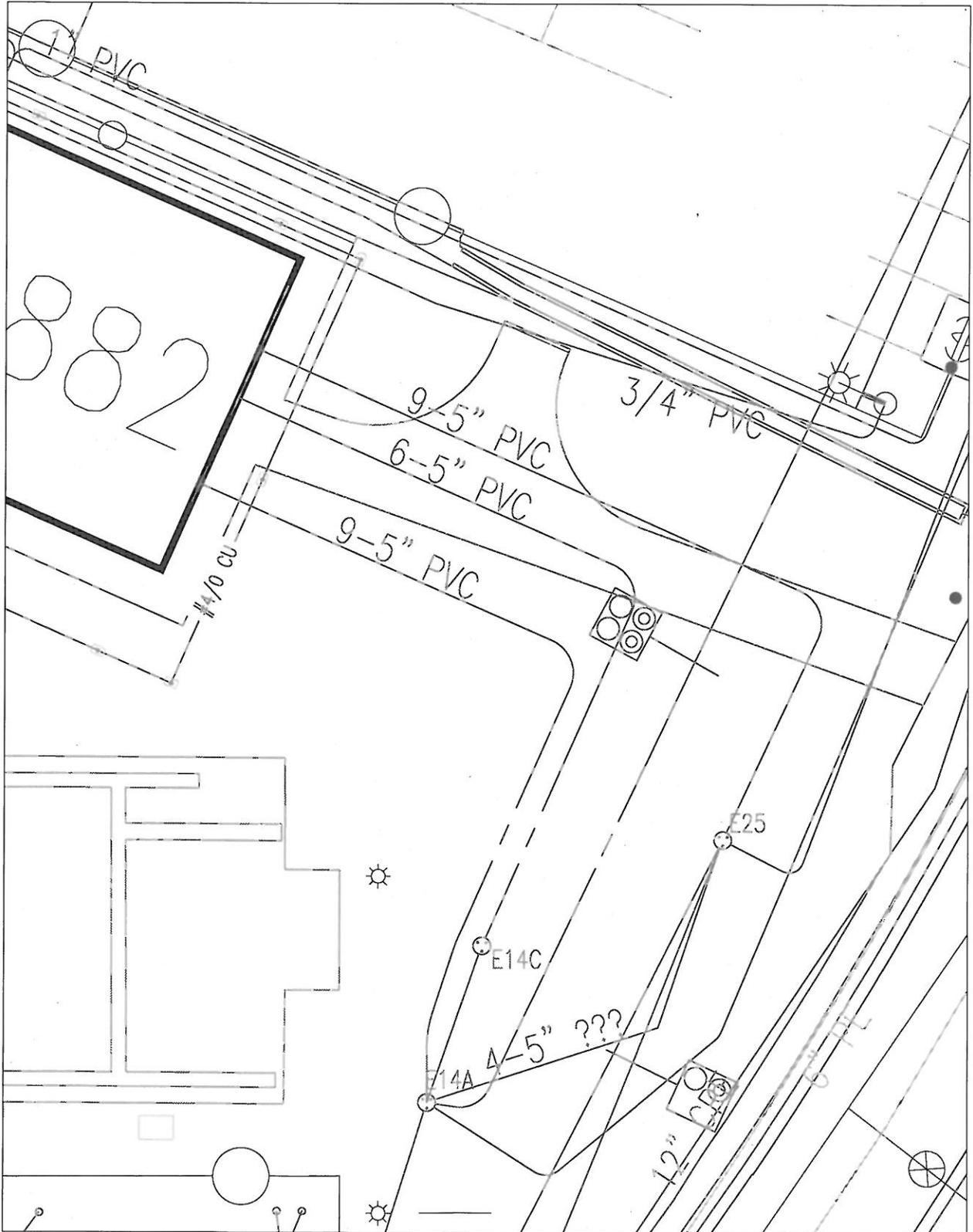
Please provide the routing or lengths of the homeruns from manholes E14A and E25 to the PEDC breakers.

**ANSWER 8:**

See attached revised dwg.

Repair Primary Electrical Distribution Phase VIII- Sketch 1

7/2/13



ANSWER TO QUESTION #8.

SCALE 1"=20'

**QUESTION 9:**

Sheet/Detail – E8, E38

In order to facilitate fabrication of the new PLC panel to control substation 25, it would be helpful if there were drawings of the internal schematics of the existing control panel. Can this be provided?

**ANSWER 9:**

Not at this time.

**- END OF QUESTIONS AND ANSWERS -**

**ADDITIONAL CLARIFICATIONS/CORRECTIONS TO THE BID DOCUMENTS**

1. Drawing Trade Sheet No. E9, Sheet No. 37 of 75, is amended to delete Note 13 in its entirety.

**END OF AMENDMENT #1**