

**ADDENDUM NO. 4
TO THE BID DOCUMENTS**

Project: Homer Harbor Facilities Improvements - 2014
Addendum Issue Date: December 20, 2013
Bid Date: **January 16, 2014@ 2:00 PM (Thursday)**
Previous Addenda Issued: 3 (Three)
Issued By: Dan Nelsen
Public Works Project Manager
City of Homer
Homer, AK 99603
dnelsen@ci.homer.ak.us

Bidders must acknowledge receipt of this addendum prior to the date set for bid opening by one of the following methods:

- (1) By acknowledging receipt of this addendum in the bid submitted, or
- (2) By telegram, facsimile (fax) or email, which includes a reference to the project and addendum number.

The bid documents require acknowledgement individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any bid received without acknowledgment of receipt of addenda may be classified as not being a responsive bid.

The bid documents for the above project are amended as follows (all other terms and condition remain unchanged):

ITEM 1 – There are two sheds, one on the landing float at ramp 3 in bid item 16000.1, and one shown on sheet E3 at ramp 2, 160001.AA1 Add Alt . The one at ramp 3 we will call the ‘skinny’ shed for the purpose of explanation. Sheet E5 shows a shed that is different than the skinny shed. It appears to be have a squarer shape more than a rectangular shape. I wanted to have this clarified as Panel ‘S3’ is to be mounted in this shed. Please clarify where ‘S3’ is to be installed. E5 shows Panel ‘S3’ mounted the wall 90 degrees from the man door whereas on Sheet 39 of 53 in the drawings, there is a man door at the location where ‘S3’ would be.

ANSWER: See attached plan revisions for sheets E3 and E5.

ITEM 2 - Panel ‘S2’ is fed from Panel ‘S3’, and we cannot determine where Panel ‘S2’ is to be installed / located. The only place that ‘S2’ shows up on the drawings is on the one-line sheet, E1, and panel schedule E5.

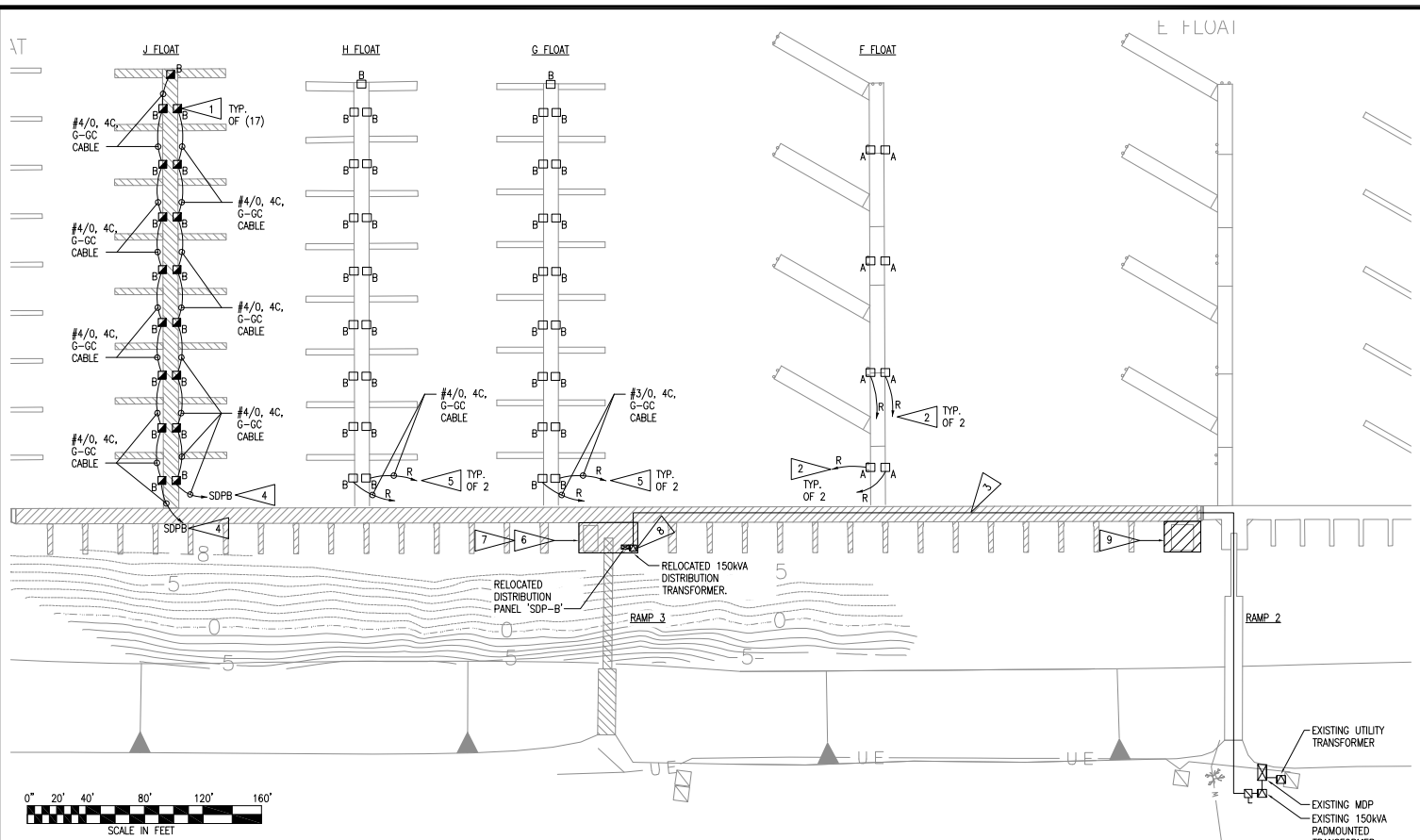
ANSWER: See attached plan revisions for sheets E3 and E5.

ITEM 3 - Sheet 47 for both ramp water plans at the connection for the 6" fire line shows 6" rigid galvanized underground, then lists a flex hose, and then lists galvanized again. Is the line transitioning to a flex hose where it daylights under the trestle, then back to galvanized to run the length of the trestle, and back to flex for the ramp?

ANSWER: Yes, that is correct. Where the line daylights under the trestle, the line transitions to flex hose, then it transitions to galvanized line for the length of the trestle and then back to flex hose at the trestle-gangway transition.

ITEM 4 - Additive alternative 6 dry fire line system E float to B float. I don't see any sheets detailing this line. Will it be the same as the lines for Additive Alternative 5? Will there be a fire standpipe on floats B, C, D?

ANSWER: Yes, the lines for Additive Alternative 6 will be the same as Additive Alternative 5. The lines for Additive Alternative 6 will be located on the existing concrete float units. Fire standpipes shall be provided on main walks B, C and D at a distance no greater than 150 feet from the end of the main walk. For specific details please refer to Additive Alternative 5.



GENERAL NOTES:

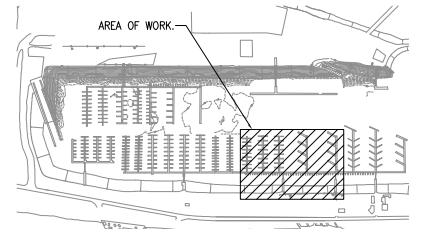
- A. SEE 2/E1 FOR REMODEL POWER ONE-LINE DIAGRAM.

SHEET NOTES:

1. NEW FLOATSIDE POWER PEDESTAL WITH (2) 30A, 120V POWER RECEPTACLES. TYPICAL UNLESS OTHERWISE NOTED. SEE 1/E4.
2. EXTEND EXISTING PEDESTAL FEEDER THROUGH NEW FLOATS AND RECONNECT TO EXISTING BREAKER IN RELOCATED DISTRIBUTION PANEL "SDP-B". UPDATE CIRCUIT SPACE PLACARD LABELS AS NECESSARY TO REFLECT CIRCUITRY CHANGES.
3. ROUTE RELOCATED CABLE THROUGH NEW FLOATS AND RECONNECT TO EXISTING DISTRIBUTION EQUIPMENT. SEE 2/E1 FOR ONE-LINE DIAGRAM.
4. PROVIDE NEW HOMERUN TO NEW BREAKER IN EXISTING DISTRIBUTION PANEL INDICATED. PROVIDE AND INSTALL NEW IDENTIFYING PLACARD IN DISTRIBUTION PANEL DENOTING LOAD(S) SERVED.
5. PROVIDE NEW HOMERUN AND RECONNECT TO THE EXISTING BREAKER IN PANEL "SDP-B".
6. SEE 2/E5 AND 3/E5 FOR ENLARGED PLANS.
7. SEE 1/E5 FOR ENLARGED PLAN.
8. SEE 2/E4 FOR EQUIPMENT ELEVATION VIEW.
9. PROVIDE CONNECTION FOR NEW SHED UNDER ALTERNATE #1 SIMILAR TO RAMP 3 SHED. SEE 2/E5. PROVIDE AND INSTALL NEW PANEL "S2" IN RAMP 2 SHED.



1 ELECTRICAL REMODEL PLAN
1" = 40'-0"



KEY PLAN
1" = 500'-0"

RSA Engineering, Inc.
MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS
2027 NORTH BROADWAY, SUITE 200, ANCHORAGE, ALASKA 99503 (907) 276-8263
101 SOUTH GARDNER, SUITE 100, WILKINSON, ALASKA 99599 (907) 281-2452

ISSUED FOR BID

PND Engineers, Inc. (PND) is not responsible for safety programs, methods or procedures of operation, or the construction of the design shown on these drawings. Where specifications are general or not called out, the specifications shall conform to standards of industry. Drawings are for use on this project only and are not intended for reuse without written approval from PND. Drawings are also not to be used in any manner that would constitute a detriment directly or indirectly to PND.

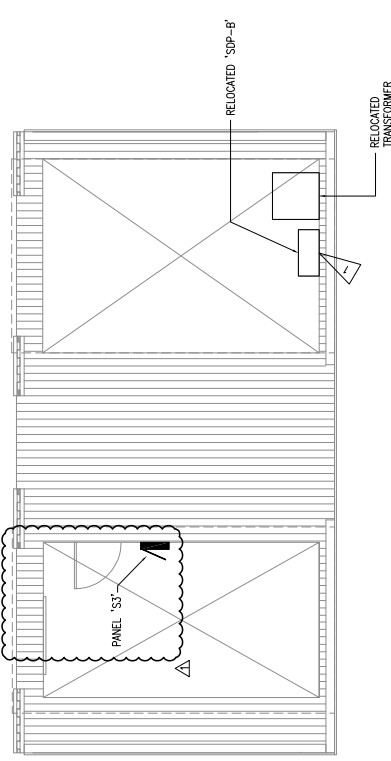
1	12/20/13	ADDENDUM #1

DATE: _____

1506 West 36th Avenue
Anchorage, Alaska 99503
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PROJECT:		HOMER SMALL BOAT HARBOR FLOAT IMPROVEMENTS	
TITLE:		ELECTRICAL REMODEL PLAN	
DESIGNED BY:	WKR	DATE:	11/26/13
CHECKED BY:	TEH	PROJECT NO.:	121104
			SHEET NO.:
			E3



1 ENLARGED GANGWAY FLOAT PLAN
1/4" = 1'-0"

PANEL 'S2'

MFR/MODEL: SQUARE D TYPE NO. 122 A ENCLOSURE: NEMA 1

TYPE: PANELBOARD

VO.LTS.: 120/240V. 1PH/3W VOLT-AMPS MTS: SURFACE

NOTE	QTY	DESCRIPTION	A	B	TYPE	HEATER	SERVICE
1	20	LIGHTS AND RECEIPTS	500	1,000	SPEC	HEATER	15 2
3	1	SDP-2 RECEPT AND HEAT	MSC	MSC	SPEC	MA	15 2
5	1						4
7							6 a
9							8 a
11							10
							12
TOTAL VA			1,900	2,200			3,700 VA
TOTAL AMPS			13	18			15 A
A.L.C. RATING:		10,000					

CONNECTED LOAD IN KVA (THIS PANEL): LGT 0.00 RECP 0.00 LGMT 0.00 MSC 0.00 TOTAL 3.7 KVA

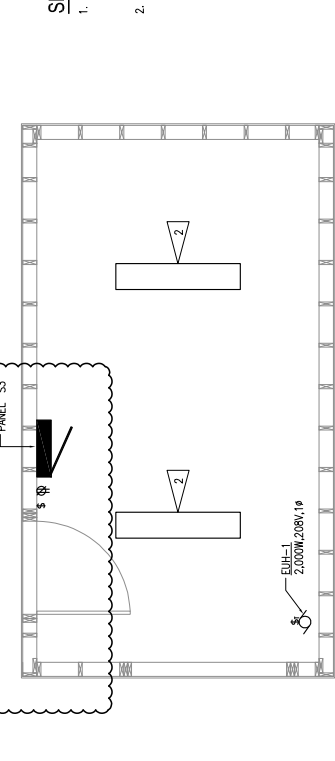
TOTAL CONNECTED LOAD IN KVA: LGT 0.00 RECP 0.00 LGMT 0.00 MSC 0.00 TOTAL 3.7 KVA

TOTAL CONNECTED LOAD IN KVA: LGT 0.00 RECP 0.00 LGMT 0.00 MSC 0.00 TOTAL 3.7 KVA

PANEL NOTES: DEMAND LOAD IN KVA: 0.00

PANEL OPTIONS:

- PROVIDE IN PANEL S3 ONLY
-
-
-



2 ENLARGED SHED PLAN RAMP 3 (RAMP 2 SIMILAR ALT. #1)
1/2" = 1'-0"

PANEL 'S3'

MFR/MODEL: SQUARE D TYPE NO. 122 A ENCLOSURE: NEMA 1

TYPE: PANELBOARD

VO.LTS.: 120/240V. 1PH/3W VOLT-AMPS MTS: SURFACE

NOTE	QTY	DESCRIPTION	A	B	TYPE	HEATER	SERVICE
1	20	LIGHTS AND RECEIPTS	500	1,000	SPEC	HEATER	15 2
3	1	SDP-2 RECEPT AND HEAT	MSC	MSC	SPEC	MA	15 2
5	1						4
7	1	GANGWAY 3 LIGHTS	LGT	500	1,500	FELCR	30 2 6 a
9	1						8 a
11							10
							12
TOTAL VA			3,500	4,600			7,900 VA
TOTAL AMPS			28	37			35 A
A.L.C. RATING:		10,000					

CONNECTED LOAD IN KVA (THIS PANEL): LGT 0.50 RECP 0.00 LGMT 0.00 MSC 0.00 TOTAL 4.2 KVA

TOTAL CONNECTED LOAD IN KVA: LGT 0.50 RECP 0.00 LGMT 0.00 MSC 0.00 TOTAL 4.2 KVA

TOTAL CONNECTED LOAD IN KVA: LGT 0.63 RECP 0.00 LGMT 0.00 MSC 0.00 TOTAL 4.3 KVA

PANEL NOTES: DEMAND LOAD IN KVA: 0.63

PANEL OPTIONS:

- PROVIDE IN PANEL S3 ONLY
-
-
-

SHEET NOTE:

- RECONNECT EXISTING STRIP LIGHT, HEATER, AND DUPLEX RECEPTACLE IN 'SDP-8' TO NEW CIRCUIT IN PANEL 'S3'.
- 48"x5.6" Wx5" D 2,890 LUMENS, 6,268K, 2-MODULE SURFACE MOUNT LED LIGHT FIXTURE WITH MARINE GRADE EXTRUDED HOUSING, MEDIUM BEAMS, MARINE GRADE ALUMINUM FINISH, PREMIUM #RSJ 2A00 UNV OR APPROVED EQUAL.

THE ENGINEER HAS (P) IN THE DESIGN AND CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS AND CONFORMS TO STANDARDS OF PRACTICE. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DERIVATIVE OR INDEMNIFY IN P.D.

T. 12/20/13 025000M J1

REV	DATE	DESCRIPTION

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REGISTERED PROFESSIONAL ENGINEERS
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1506 West 36th Avenue
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**HOMER SMALL BOAT HARBOR
FLOAT IMPROVEMENTS
ELECTRICAL ENLARGED PLANS AND
PANEL SCHEDULES**

DESIGNED BY: [Signature] DATE: 11/28/13
CHECKED BY: [Signature] PROJECT NO: 121104

ENGINEERS, INC.

ISSUED FOR BID