Facilities Planning & Construction
1901 Y Street
P.O. Box 880605
Lincoln, NE 68588-0605
Phone (402) 472-3131
FAX (402) 472-5908

ADDENDUM NO. 1

PROJECT NAME: **Animal Science Solar Roof**
UNL PROJECT NUMBER: **A102P025**

CONSULTANT: Architectural Design Associates, PC
7501 O Street, Suite 105
Lincoln, NE 68510

DATE OF ISSUANCE: July 20, 2012
DATE OF BID OPENING: July 31, 2012

The bid documents dated May 16, 2012 for the above referenced project are amended by this addendum.

NOTICE: This Addendum is issued to all interested prospective bidders as an amendment to the project manual or other parts of the bidding (contract) documents for the above named project. Reference to this Addendum must be included in the Bid proposal. The information contained herein shall be fully incorporated into the contract documents as though originally included therein.

GENERAL INFORMATION:

See the attached Pre-bid Meeting Sign-in sheet.

QUESTIONS AND MODIFICATIONS TO THE PROJECT MANUAL:

Section 05 45 12 – Solar Panel Mounting System

1. At page 5, under section 2.03, paragraph 4 'Clamps', add the following note e:
   "e. The standing seam roof supplier is ATAS. The Clamps must accommodate the ATAS Field-Lok System 2" seam with double 180 degree bent seams. See attached ATAS "Seamer Rental Request Form."
2. At page 6, under section 3.01, 'Preparation', paragraph A, delete item 1, and substitute the following: "1. Ensure roof structure is in place and is ready to receive solar mounting system and provisions are made for anchoring support system. Notify Architect of any concerns before proceeding."
3. At page 6, under section 3.03 'Installation of Roof Mounted System', at paragraph D, delete item 1 and substitute the following: "1. Install Clamps at 15.25 inches on center. A clamp is required at each location where mounting rails cross metal roof standing seams."
4. At page 5, under section 3.03, delete paragraph 'B' and substitute the following:
   "B. Verify roof framing is in place and ready to receive and support solar module support system. Notify Architect of any concerns before proceeding."

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QUESTIONS AND MODIFICATIONS TO THE DRAWINGS:

DRAWING No. A1-0

1. At the 'General Notes', at note 'H', add the following sentence: "Metal roof replacement work over Arena D103 is expected to be complete between November 1 and December 10, 2012."
2. At the 'Phasing Notes', at note '2, add the following: "2.4. The times given in notes 2.1, 2.2 and 2.3 are for the Fall Semester. The available work times will change for the Spring Semester and are yet to be determined."
3. At the 'Site Plan', it is acceptable for a portion of the sidewalk south of the Arena D103 to be closed during construction. The amount of sidewalk closed and the duration will be coordinated with and approved by the Owner.

DRAWING No. A1-1

1. At the 'Arena D103 Roof Plan', at the wall penetrations in Mech-Elec Penthouse E201, add a note as follows: "The sealant shall be Polyurethane Sealant: Type M or S, Grade NS, Class 25, Uses NT, T, G, A, M and O. Provide Dynatrol II or I XL by Pecora; or Sonolastic NP1 or NP2 by Sonneborn. Sealant color to match plaster finish."
2. At the 'Arena D103 Roof Plan', at the 'Rooftop Walkway System', note that the location of the Rooftop Walkway System will be revised from the east side of the conduit to the west side of the conduit. The conduit runs are to remain in the same general location, but they shall be installed to allow adequate clearance between the conduit and the existing exhaust vent for the Rooftop Walkway System.

DRAWING No. E-1

1. At the 'General Electrical Notes', at note 'D', add the following sentence: "See Sheet A1-2 for a portion of the conduit route between panel 2LED and the Main Switchboard and existing ceiling conditions."
2. At the 'Partial Power Second Floor Roof Plan – Area E', at Electrical panel MDE/L, add Electrical Keynote No. 13 as follows: "13. The hydronic unit heater over the transformer in the southwest corner of the mechanical room shall be relocated to provide adequate clearance for the installation of panel MDE/L. Field verify new heater location with Owner and Engineer before installation.
3. At the 'Partial Power Second Floor Roof Plan – Area E', add Electrical Keynote No. 14 as follows: "14. Relocate fire alarm power supply panel FCPS as required to provide adequate space for panel MDE/L. Review with Owner and Engineer before removing panel."

DRAWING No. E-2

1. At the 'Electrical Keynotes', at note #10, add the following sentences: "Junction box provided and installed by Contractor. Metering provided by Owner."
2. At the 'Electrical Keynotes', Change note #9 to read: "9. AC power 2 sets of 2#10, 1#10 G, ¾"C and 1 set of 2#8, 1#10G, 1"C for the Helios panels."
3. Delete the 'Panel 2LED' schedule and substitute the attached 'Panel 2LED-Revised' schedule.
4. At the 'Electrical Keynotes', at note #6, add the following sentence to the keynote. "Provide Schedule 40 PVC conduit where conduit traverses areas subject to moisture and corrosion. Coordinate and confirm locations with Owner and Engineer before installation."

END OF ADDENDUM NO. 1

Architectural Design Associates, P.C.
7501 "O" Street, Suite 105
Lincoln, NE 68510
402-486-3232 www.adalincoln.com

UNIVERSITY OF NEBRASKA - LINCOLN
SOLAR PANEL PROJECT
EAST CAMPUS - LINCOLN, NEBRASKA

PRE-BID CONFERENCE
July 18, 2012

NAME	COMPANY	PHONE	E-MAIL
DAVID STIRTZ	ADA	402.430.7565	DAVID@ADALINCOLN.COM
DALE HURT	INEREX LLC	712-242-8219	dale.INEREX@gmail.com
Jon Dixon	Dixon Power	402-467-3240	Jon@dixonpowersystems.com
BRENT JOHNSON	ANI SCI	402-209-0969	bjohnson3@unl.edu
MICHAEL WALLACE	FARRIS ENG	402-330-5900	mwallace@farris-usa.com
Clyde Naber	An. Sci. UNL	402-890-4136	cnaber@unl.edu
Greg Hall	Mr Electric	402-450-5601	greg.hall@mail.mrelectric.com
Danielle Borland	SAIC	402-417-2052	
Shayne Huxoll	SAIC	402-458-5656	
Anthony Bartels	Wolfe Electric	402-610-2804	Tony.Bartels@wolfeelectric.com
CLARK deVRIES	UNL UTILITIES	402 472 9444	cdevries@UNL.EDU
DAN WELLER	BOYD JONES	402 261 5077	bschmidt@boydjones.biz
Peter Osentoski	OESI	402 597 3044	posentoski@omahaelectric.com

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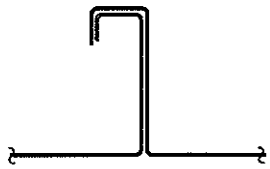
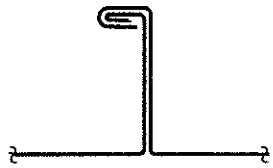
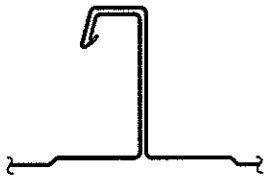
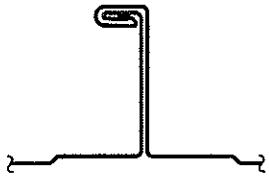
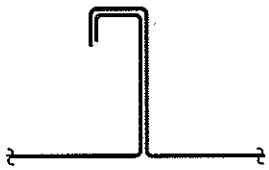
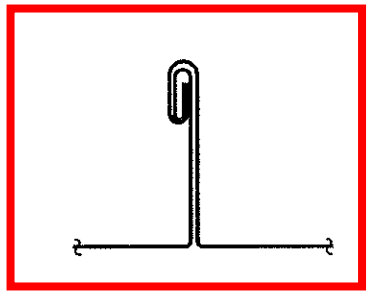
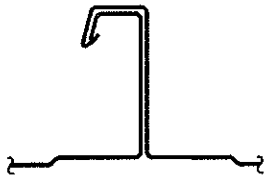
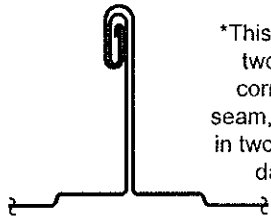
Seamer Rental Request Form

SELECT THE TYPE OF FINISHED SEAM APPEARANCE REQUIRED

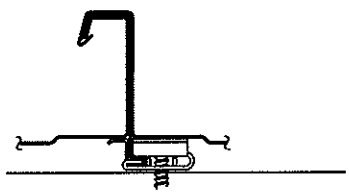
	UNSEAMED	SEAMED
90° SEAM		
☐ 1" FIELD LOK (FLL)		
☐ 1 1/2" FIELD LOK (FLM)		
☐ 2" FIELD LOK (FLR)		
☐ 2 3/8" FIELD LOK (FLS)		
180° SEAM		
☐ 1" FIELD LOK (FLL)		
☐ 1 1/2" FIELD LOK (FLM)		
☐ 2" FIELD LOK (FLR)		
2" tall seam		
☐ 2 3/8" FIELD LOK (FLS)		

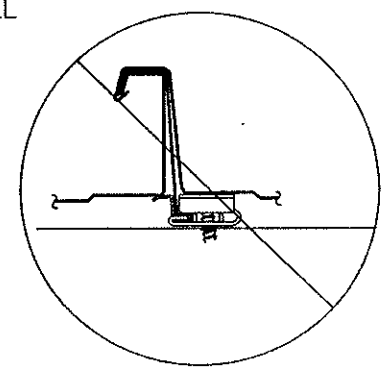
This profile requires two machines to correctly form the seam, which will result in two rental rates per day or week.

NOTE: CLIP INSTALLATION CRITICAL TO PROPER SEAMER OPERATION.

FLS SERIES SHOWN

CLIP INSTALL





PANEL 2LED Revised

120/208 VOLT, 3 PHASE, 4 WIRE
200 AMP MAIN BREAKER
SURFACE MOUNTED
WITH SHUT TRIP

AIC RATING: 10,000A

CCT NO	LOAD V.A.	LTS	REC	LOAD DESCRIPTION	REM	P	AMP SIZE	Ø	AMP SIZE	P	REM	LOAD DESCRIPTION	REC	LTS	LOAD V.A.	CCT NO
1	4320			SOLAR COLLECTORS TRINA		2	30	A	40	2		SOLAR COLLECTORS HELIOS			5580	2
3				-		-	-	B	-	-		-				4
5	4320			SOLAR COLLECTORS TRINA		2	30	C	40	2		SOLAR COLLECTORS HELIOS			5580	6
7								A	-	-		-			-	8
9	4320			SOLAR COLLECTORS TRINA		2	30	B	40	2		SOLAR COLLECTORS HELIOS			5580	10
11				-		-	-	C	-	-		-				12
13	4680			SOLAR COLLECTORS SUNIVA		2	30	A								14
15				-		-	-	B								16
17	4680			SOLAR COLLECTORS SUNIVA		2	30	C								18
19	-					-	-	A								20
21	4680			SOLAR COLLECTORS SUNIVA		2	30	B								22
23	-					-	-	C								24
25								A								26
27								B								28
29								C								30
31								A								32
33								B								34
35								C								36
37								A								38
39								B								40
41								C								42

REMARKS:
G = PROVIDE GFI TYPE CIRCUIT BREAKER.
L = PROVIDE LOCKING HANDLE DEVICE.
S = PROVIDE SHUNT TRIP TYPE CIRCUIT BREAKER.

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