

Addendum #01 for RFB #0919335015

Project Name: Iowa Labs Surge Protection / Grounding / Lightning Protection

DAS RFB #: 0919335015

DAS Project #: 8949.01

Date: 08/28/2018

Addendum #1:

- Cover Page – Table of Contents, Clarifications and Drawings (1 pages)
- Exhibit A: Pre-proposal meeting agenda with notes (in red). (2 pages)
- Exhibit B: Pre-proposal meeting sign-in sheet (1 page)
- Exhibit C: SPD Schedule

Clarifications:

1. DAS escort will be required for work in DCI and Medical Examiner areas.
2. Full background check of all staff will require social security # and signatures.

Questions:

1. Q: Are tie-off points available on the roof?
A: There are tie-off points at the roof hatches. The Contractor will be responsible for providing any additional fall protection that is needed to perform Contractor's scope of work.
2. Q: Is the lightning protection system required to be provided with a UL Master Label at project completion? If so, is the system set-up with a surge protective device at the main switchboard?
A: Yes, the lightning protection system must be provided with a UL Master Label once repairs are made. The main surge protective device will be replaced as part of this project to assist in obtaining the UL Master Label.

Drawings:

1. On Sheet E107, ground bar EGB has a reference to Detail 1 on Sheet E500. Detail 1 on Sheet E500 indicates, among other things, a connection from the ground bar to a new ground rod. The new ground rod shall be provided as part of this project and shall be installed outside of Building F.
2. Throughout the documents, where new conductors are indicated to be installed in existing conduits, it shall be understood that the existing conductors may need to be removed and reinstalled along with the new conductor indicated. It is up to the Contractor to determine means and methods.

August 24, 2018 at 9:00 AM

Owner/DAS/CM Team Introductions:

Iowa Department of Administrative Services (DAS) – Jennifer Kleene
Iowa Labs – Dan Gates
Construction Manager – DCI Group – Michael Steen
Designer – Alvine Engineering – Andrew Venzke
DAS Purchasing Agent – Steve Oberbroeckling

General Project Description/Overview:

Updates to facilities existing surge protection, grounding and lightning protection systems including new surge protection devices and grounding bars.

Bid Package Process:

Overview of Instructions to Bidders – DCI Group

Bid Packages:

- 1) BP #1 – Surge Protection/Grounding/Lightning Protection

BIDS DUE: September 6, 2018 at 2:00 PM

MAKE SURE IT IS SUBMITTED TO DAS AS THE REQUEST FOR PROPOSALS READS

1. Proposal Process
 - a. All questions after this meeting and prior to August 29, 2018, to be submitted to Steve Oberbroeckling at steve.oberbroeckling@iowa.gov. Do not contact DAS, Alvine Engineering or DCI Group directly for questions or clarifications.
2. Schedule
 - a. Questions due **August 29, 2018** by 5:00 PM CST
 - b. An addendum will be issued to incorporate minutes and sign-in sheet from this Pre-Proposal Meeting.
 - c. Final addendum will be issued no later than **September 4, 2018** by 2:00 PM CST or no later than 48 hours prior to proposals being due.
 - d. Bids due **September 6, 2018** by 2:00 PM CST – **bids to be delivered to Hoover Building per contract documents. Bids must be stamped by 2:00 PM and include bid bond to be accepted.**
 - e. Tentatively an NOI will be issued by September 10, 2018
 - f. Anticipated construction work to take place October 18, 2018 thru February 8, 2019.
 - i. A scheduling meeting (Pull Plan Schedule) will be held shortly after execution of contracts to further develop the construction schedule. All prime contractors, subcontractors, and key suppliers shall attend.
 - ii. One week prior to this meeting, contractors shall provide a preliminary schedule of their activities with locations and activities of their subcontractors with durations and sequencing.

Scope of Work Overview:

1. Administrative
 - a. This RFB will result in one successful proposal per bid package.
 - b. Agreement between the Owner and Contractor will be a modified ConsensusDocs 802
 - c. EADOC – State of Iowa project management software
 - i. No cost to the contractor – **all documentation is intended to run through EADoc**
 - d. Pre-construction meetings and submittals.
 - i. Prime contractors shall submit a submittal schedule within five business days of receipt of Owner/Prime Contractor Agreement. See section 01 1200.16 for

requirements. A template with A/E identified submittals will be provided to contractors.

2. Construction
 - a. Work hours will be 7:00 AM to 5:00 PM Monday-Friday. Equipment and electrical shutdowns required to complete work are to take place after hours and on weekends and coordinated with DCI Group.
 - b. All areas shall be cleaned and put back to existing conditions prior to substantial completion.
 - c. Staging and storage of materials will need to be coordinated with DCI Group/DAS
 - d. Contractor shall maintain accurate as-built construction records throughout the project.
 - e. Daily logs/Weekly Report/Safety Meetings and meeting requirements.
 - f. Onsite supervision by Prime Contractor is required at all times when work by that contractor or their subcontractors/suppliers is taking place.
 - g. Other work and events will be taking place on the Iowa Labs grounds. All contractors shall coordinate with the CM and the other projects to avoid interfering with schedule or the work being put into place.
3. Close out
 - a. Provide complete, clean, and legible copies of the as-built construction records to DCI Group upon completion of work. Electronic and hard copies of all O&M's and as-built drawings to be submitted. Refer to spec. section 01 7700 – Closeout Procedures for more details.

State Rules

1. All personnel who will work on-site will be required to perform background checks.
2. It is of the utmost importance to show respect and courtesy to all staff at all times.
3. Clean all debris, materials, and bring all finishes back to existing conditions in the area they were working in prior to moving to the next area.
4. No smoking or smokeless tobacco use onsite.

Open Discussion

1. Multiple issues in regards to lightning protection system. This project intends to address missing air terminals, new/modified equipment that was never bonded to system and other miscellaneous repairs in order to provide a UL Master Label.
2. Table of SPD's will be provided as part of addendum.
3. Designated parking stalls will be marked for Contractor's use for storage trailer and/or parking.



Project Name: 8949.01 Iowa Labs Surge Protection/Grounding/Lightning Protection

Meeting Purpose: Pre-Bid Meeting

Date: August 24th, 2018 at 9:00 AM

Attendees

<u>Name</u>	<u>Company</u>	<u>Phone Number</u>	<u>E-Mail Address</u>
- Tom Cook	Cook LPI	515 204 5547	Tcook LPI @ gmail . com
Nick Andera	Alvine Engineering	515-243-0569	nandera @ alvine . com
Andy Venzke	Alvine Engineering	515-243-0569	avenzke @ alvine . com
Jennifer Kleene	DAS	515-725-0454	Jennifer.kleene @ Iowa . gov
MICHAEL STEEN	DCI GROUP	515-975-8348	MICHAEL S @ DCI GROUP - US . COM
GARRETT ARHANBRECHT	DCI GROUP	641-757-9791	GARRETT A @ DCI GROUP - US . COM
- Jason Mohrfeld	ALL PRO	515-729-0285	jemo hrfeld @ allpro electrical . com
- HAROLD SIMPSON	BIERMANN ELECTRICAL	515-255-3137	haroldsimpson @ bierrmannelectric . com
- Jim DAVIS	Waldinger	515 323-8709	J DAVIS @ waldinger . com
DAN GATOS	DAS	515-208-2014	DANIEL . GATOS @ IOWA . GOV
BILL MESSINGER	DAS	515-204-5983	BILL . MESSINGER @ IOWA . GOV

**8949.01 Iowa Labs Surge Protection / Grounding / Lightning Protection
Addendum #1 - Exhibit C - SPD Schedule**

	BASE BID	ALT #1		ALT #2	ALT #3	
	Replace non-functioning SPD's with integral SPD	External SPD for panels with non-functioning SPD's (in lieu of internal SPD's), where possible to install external SPD		Replace functioning SPD's with integral SPD	Internal SPDs for all panels with functioning SPDs, where a SPD cannot be externally mounted, External SPDs for panels with functioning SPDs (in lieu of internal SPDs), where possible to install external SPD	
BUILDING	PANEL WITH INTEGRAL SPD	PANEL WITH INTEGRAL SPD	PANEL WITH EXTERNAL SPD	PANEL WITH INTEGRAL SPD	PANEL WITH INTEGRAL SPD	PANEL WITH EXTERNAL SPD
A	E2A1	E2A1	E2A2	N2A1	N2A1	N2A14
	E2A2			N2A2	N2A2	N2A15
				N2A3	N2A3	H2A2
				N2A4	N2A4	R2A1
				N2A5	N2A5	R2A2
				N2A6	N2A6	
				N2A7	N2A7	
				N2A8	N2A8	
				N2A9	N2A9	
				N2A10	N2A10	
				N2A11	N2A11	
				N2A12	N2A12	
				N2A13	N2A13	
				N2A14	H2A1	
				N2A15	H2A3	
				H2A1	H2A4	
				H2A2	H2A5	
				H2A3		
				H2A4		
				H2A5		
			R2A1			
			R2A2			
B	E2B1	E2B1		N2B1	N2B3	N2B1
				N2B2	R2B1	N2B2
				N2B3		
				R2B1		
C	E2C1		E2C1	N2C1		N2C1
	NSB1		NSB1	N2C2		N2C2
	NSB3		NSB3	R2C1		R2C1
	GSB1		GSB1			
D	E2D1		E2D1	H2D1	H2D1	N2D9
				H2D2	H2D2	
				H2D3	H2D3	
				N2D1	N2D1	
				N2D2	N2D2	
				N2D3	N2D3	
				N2D4	N2D4	
				N2D5	N2D5	
				N2D6	N2D6	
				N2D7	N2D7	
			N2D8	N2D8		
			N2D9	R2D1		
			R2D1			
E	E2E1		E2E1	R2E1	H2E1	R2E1
				H2E1	H2E2	
				H2E2	H2E3	
				H2E3	N2E1	
				N2E1	N2E2	
				N2E2	N2E3	
				N2E3	N2E4	
				N2E4	N2E5	
			N2E5	N2E6		
			N2E6	N2E7		
			N2E7			
F	E2F1	E2F1		N2F1		N2F1
				NDP12		NDP12