

**ADDENDUM No. 2**  
**Terminal Solar PV Project**  
**November 18, 2022**

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated November 7, 2022. **Acknowledge receipt of this addendum in the space provided on the bid form**, failure to do so may subject the Bidder to disqualification.

**General Items**

**1. Pre-Bid Presentation**

DELETE the Pre-Bid meeting presentation and attendee list attached to Addendum 1. The Pre-Bid meeting presentation and attendee list is attached to this addendum.

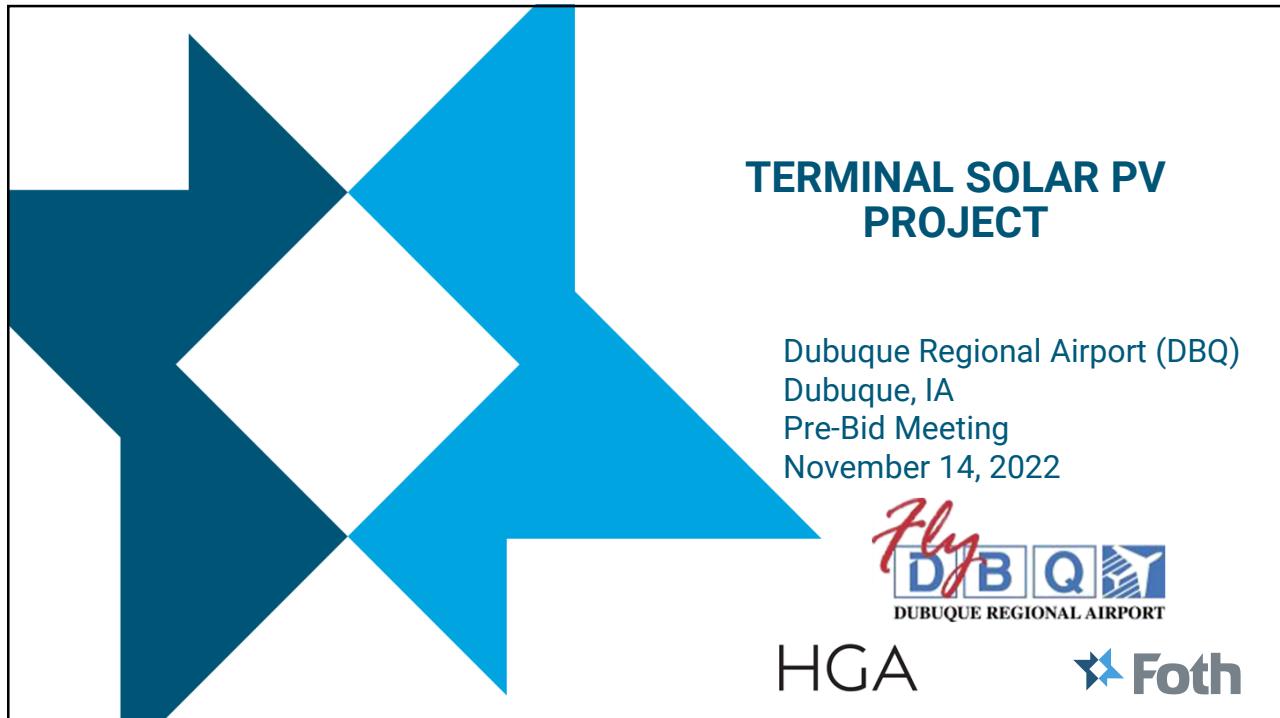
**Specification Attachments**

None.

**Supplemental Drawings**

None.

**END OF ADDENDUM**



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## Welcome and Introductions

- ◆ Airport Staff:
  - ◆ Todd Dalsing, Airport Director
  - ◆ Dan Klaas, Assistant Airport Director
  - ◆ Cheryl Sheldon, Accountant
- ◆ Design Team:
  - ◆ Eric Scott, Foth - Civil
  - ◆ Alex Harris, Kevin Standlee, Chris Garcia, HGA – Solar PV
  - ◆ Terracon – Geotechnical



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## Bidding

- ◆ Letting Date: Tuesday, November 22, 2022 @ 1:00 PM (*local time*)
- ◆ Bid Requirements (*checklist – noted on Proposal Form*):
  - ◆ Proposal Form, signed
  - ◆ Acknowledgement of Addenda (if applicable)
  - ◆ Utilization Statement and Letter of Intent – Disadvantage Business Enterprise
    - ◆ *If Goal Not Met: Iowa DOT Form 102115 (Evidence of Good Faith Efforts)*
  - ◆ Identity of Subcontractors – Attachment F1
  - ◆ Buy American Certification Form for Total Facility
    - ◆ *If Waiver requested: Within 15 Calendar Days, FAA Form 5100-143, Project Content Percentage Worksheet*
  - ◆ Bid Guarantee (Bid Bond): 5% of Bid
    - ◆ Submitted in a separate envelope



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## Bidding, Checklist

### **ATTACHMENTS TO THIS BID**

The following documents are attached to and made a part of this Bid and are a condition of Bid responsiveness:

- Signed Proposal Form
- Acknowledgement of Addenda (if applicable)
- Utilization Statement Disadvantage Business Enterprise (DBE) and Letter of Intent
- Evidence of Good Faith Effort, Iowa Department of Transportation Disadvantaged Business Enterprise Information Statement of DBE Commitment, Form 102115, if proposed DBE goal is not met
- Identity of Subcontractors – Attachment F1
- Buy American Certification

### **ATTACHMENTS TO THIS BID IN SEPARATE ENVELOPE**

The following document is submitted in a separate envelope and made a part of this Bid:

- Bid Guarantee (Bid Bond) in the form set forth in the Bidding Documents.

Proposal Form

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## Bidding, Proposal Attachment

### UTILIZATION STATEMENT Disadvantage Business Enterprise

The undersigned bidder/offeror has satisfied the requirements of the bid specification in the following manner. (Please mark the appropriate box)

- The bidder/offeror is committed to a minimum of **0.65%** DBE utilization on this contract. **0.94%**
- The bidder/offeror, while unable to meet the DBE goal of **0.65%**, hereby commits to a minimum of \_\_\_\_\_ % DBE utilization on this contract and also submits documentation, as an attachment demonstrating good faith efforts (GFE). **0.94%**

Iowa DOT DBE Directory: <https://secure.iowadot.gov/DBE/Home/Index/>

## Bidding, Proposal Attachment

### LETTER OF INTENT Disadvantage Business Enterprise (This page shall be submitted for each DBE firm)

<b>Bidder/Offer</b>	Name: _____
	Address: _____
	City: _____ State: _____ Zip: _____
<b>DBE Firm:</b>	DBE Firm: _____
	Address: _____
	City: _____ State: _____ Zip: _____
<b>DBE Contact Person:</b>	Name: _____ Phone: (____) _____
<b>DBE Certifying Agency:</b>	_____ Expiration Date: _____

*Each DBE Firm shall submit evidence (such as a photocopy) of their certification status.*

## Bidding, Proposal Attachment

Form 102115  
08-00

**Iowa Department of Transportation**

**DISADVANTAGED BUSINESS ENTERPRISE INFORMATION STATEMENT OF DBE COMMITMENTS**

*(To be completed in ink by All Bidders as per the current DBE Specification)*

The submittal of this form with the signed proposal constitutes your DBE commitment.  
The following work will be subcontracted to certified DBE firms.

1.	2.	3.	4.	5.
DBE Firm* Date Contacted Person Contacted	Work or Items To Be Subcontracted	Submit Quote Yes/No	Use Quote Yes/No	Am:

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## Bidding, Proposal Attachment

Iowa DOT DBE Directory: <https://secure.iowadot.gov/DBE/Home/Index/>

**IOWA DOT**  
SMARTER | SIMPLER | CUSTOMER DRIVEN  
CIVIL RIGHTS HOME

**DIRECTORY SEARCH PAGE**

Search By ...

**FIRM NAME**

**Firm Name**  
Enter Firm Name

**Search Directory**

**NAICS CODE**

**WORKTYPE**

Or View All Directory Listings

**Full Directory**

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## Bidding, Proposal Attachment

**PROPOSAL ATTACHMENT: ADDITIONAL REQUIREMENTS**  
**ITEM 1 – IDENTITY OF SUBCONTRACTORS**

In all instances in which the Bidder intends to assign, sublet, or subcontract any portion of the work, the **Bidder shall mark the appropriate box and provide the information requested below**. If the Bidder does not intend to utilize any subcontractors or assignees, the Bidder shall so indicate by marking the appropriate box below. The Bidder need not identify material suppliers or manufacturers who do not provide labor at the worksite to incorporate the material or manufactured

<input type="checkbox"/>	If the Bidder does not intend to utilize any subcontractors or assignees, the Bidder shall mark the box at the left.
<input type="checkbox"/>	If the Bidder intends to utilize subcontractors or assignees, the Bidder shall mark the box at the left and report below the identity of each subcontractor or assignee, a description of the work to be done by each subcontractor or assignee, the amount of each subcontract or the value of the work to be assigned, and the subcontractor's or assignee's DBE or non-DBE status in the space provided below. The Bidder certifies that these subcontractors or assignees, if acceptable to the Commission, will be utilized on this project as stated below.

SUBCONTRACTOR (Name & Address)	DESCRIPTION OF WORK	AMOUNT	DBE (Y/N)
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## Bidding, Proposal Attachment

**BUY AMERICAN CERTIFICATION FORM FOR TOTAL FACILITY**

*(Building projects such as Terminal, SRE, ARFF, etc.)*

As a matter of bid responsiveness, the Bidder or Offeror must complete, sign, date, and submit this certification statement with their proposal. The Bidder or Offeror must indicate how they intend to comply with 49 USC § 50101 by selecting one of the following certification statements. These statements are mutually exclusive. **Bidder must select one or the other (i.e. not both) by inserting a checkmark (✓) or the letter "X".**

The Bidder or Offeror hereby certifies that it will comply with 49 USC. 50101 by:

- Only installing steel and manufactured products produced in the United States, or;
- Installing manufactured products for which the FAA has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing, or;
- Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.

By selecting this certification statement, the Bidder or Offeror agrees:

- To provide to the Owner evidence that documents the source and origin of the steel and manufactured product.
- To faithfully comply with providing US domestic products.
- To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

The Bidder or Offeror hereby certifies it cannot comply with the 100% Buy American Preferences of 49 USC § 50101(a) but may qualify for either a Type 3 or Type 4 waiver under 49 USC § 50101(b). By selecting this certification statement, the apparent Bidder or Offeror with

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## Bidding, Proposal Form – Base Bid

### BASE BID – INSTALL GROUND MOUNTED SOLAR ELECTRIC (PHOTOVOLTAIC OR PV) SYSTEM

ITEM NO.	ITEM	UNIT	PRICE (use figures)
1	INSTALL 300 kW DC GROUND MOUNTED PV SYSTEM	LUMP SUM	

COMPUTED TOTAL BASE BID (ITEMS 1 THROUGH 1)

(Words)

(Numbers)

## Bidding, Proposal Form – Alternate Bid 1

### ALTERNATE BID 1 – INSTALL ELECTRIC BATTERY ENERGY STORAGE SYSTEM (BESS) – 200 kW-hr

ITEM NO.	ITEM	UNIT	PRICE (use figures)
AB1	INSTALL 200 kW-HR (NOMINAL) BATTERY AND BI-DIRECTIONAL INVERTER (300 kW)	LUMP SUM	

COMPUTED TOTAL ALTERNATE BID 1 (ITEMS AB1 THROUGH AB1)

(Words)

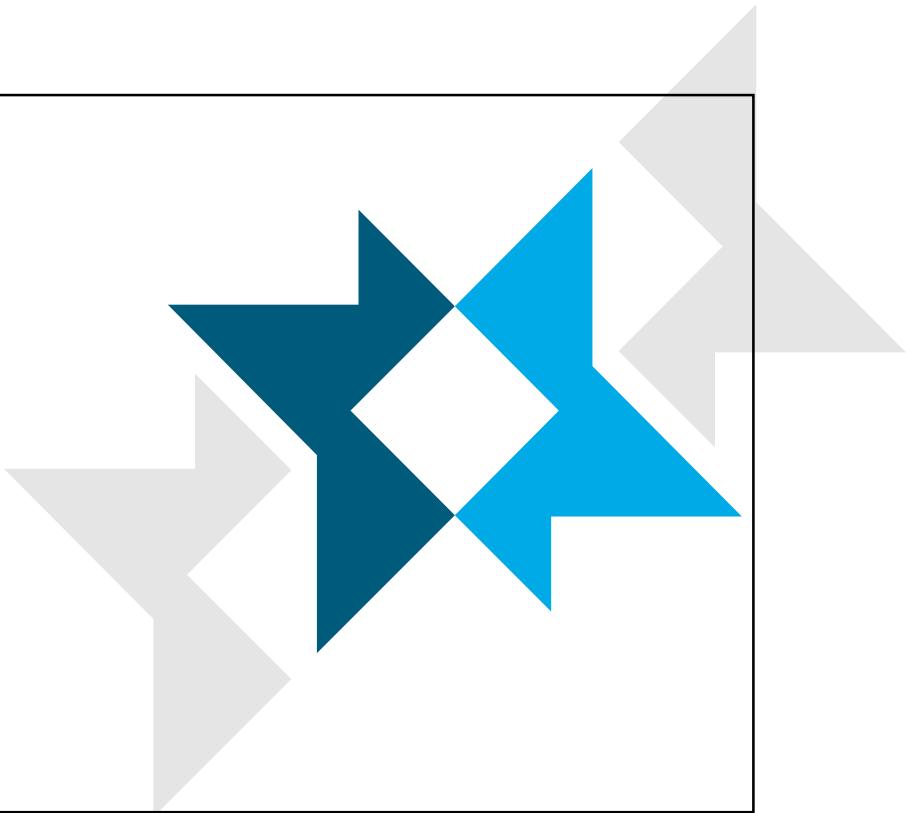
(Numbers)

It is the intent of the OWNER to seek Federal participation assistance for this project under the Airport Improvement Program (AIP). The OWNER's Award of Contract is contingent upon the FAA concurrence with the award and the formal establishment of Federal assistance.

Bid acceptance will be made based on the Total Base Bid plus any combination of Alternative Bids which are added to or deducted from the Total Base Bid and exclusive of any incentive/disincentive clause. OWNER reserves the right to accept or reject any alternatives to the Total Base Bid.



## General Project Overview



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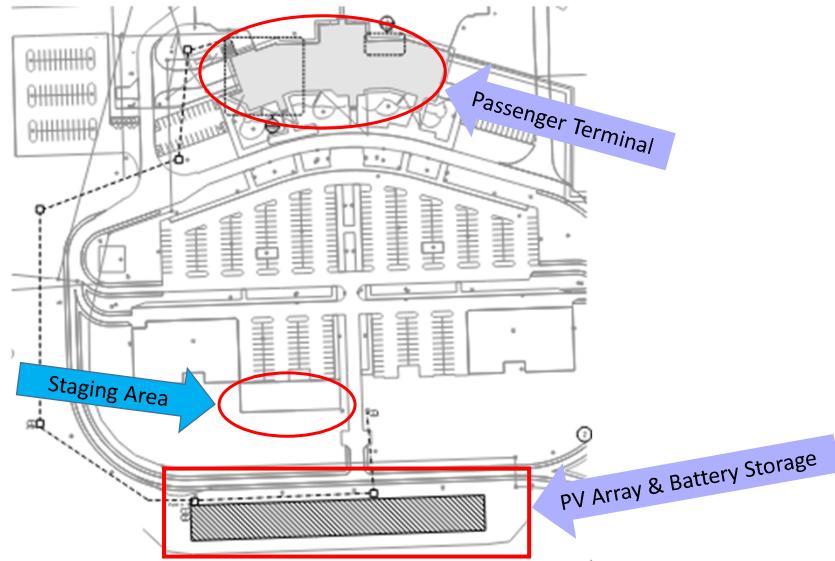
## Scope of Project

- ◆ Base Bid - Installation of a Ground Mounted Solar Photovoltaic (PV) Array Serving Passenger Terminal
  - ◆ Size: 300kW DC
  - ◆ New Electrical Feeder
  - ◆ Sitework:
    - ◆ Staging Area Granular Lot
    - ◆ Concrete Vehicle Parking Space
    - ◆ Granular Material Under Array
- ◆ Alternate Bid 1 - Installation of an Electric Battery Energy Storage System (BESS)
  - ◆ Size: 200kW-hr (nominal) battery and bi-directional inverter (300kW)



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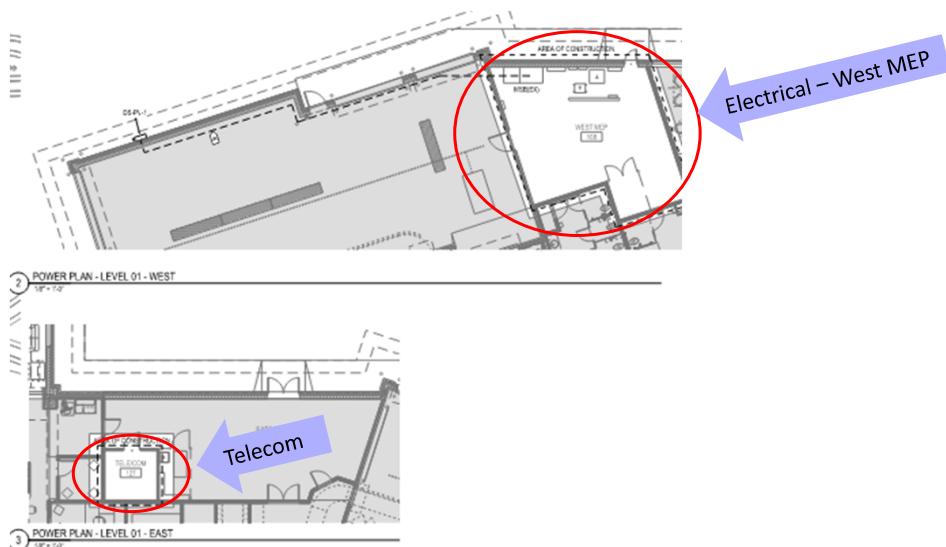
## Project Site Overview



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## Facility Overview – E030



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## Construction Schedule

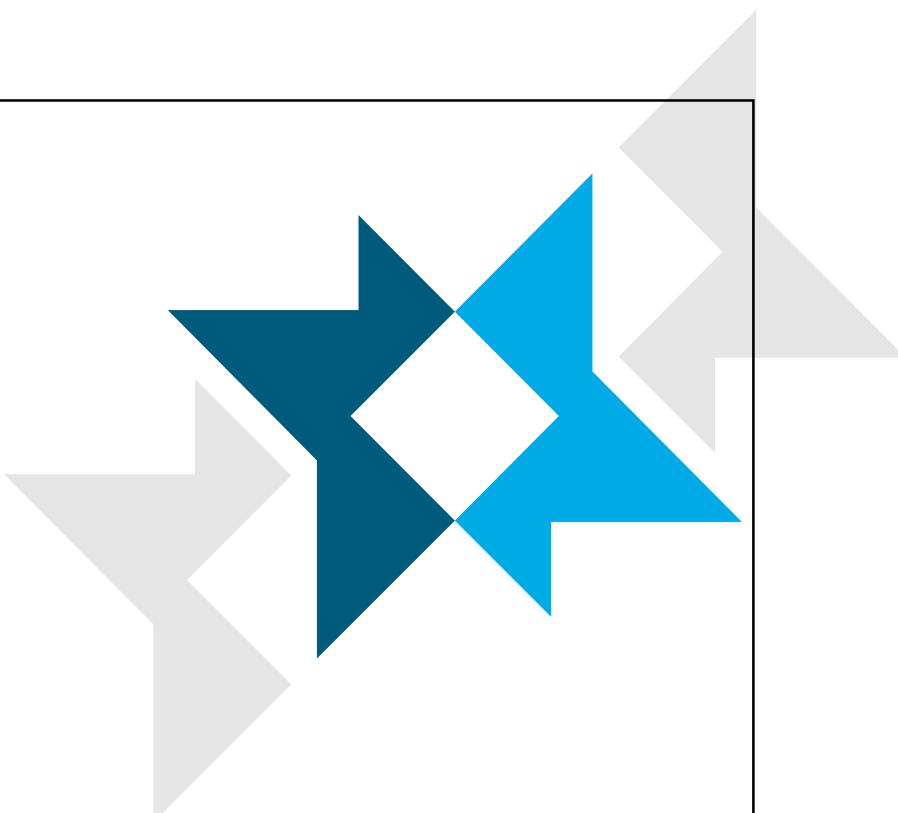
- ◆ Notice-of-Intent to Award – within 60 days of Bid Opening, anticipated by December 31, 2022
  - ◆ *Bonds, Insurance, Agreement submitted*
- ◆ Notice-to-Proceed
  - ◆ *No earlier than: following approval of properly executed contract documents*
  - ◆ *No later than: April 1, 2024*
- ◆ Late Start Date April 1, 2024; Complete and operational within 90 Calendar Days
- ◆ Work Area 2 – Complete within 10 Working Days
- ◆ Final Completion: 90 Calendar Days following Substantial Completion Date
  - ◆ *This project is subject to Liquidated Damages as prescribed within the Project Manual*



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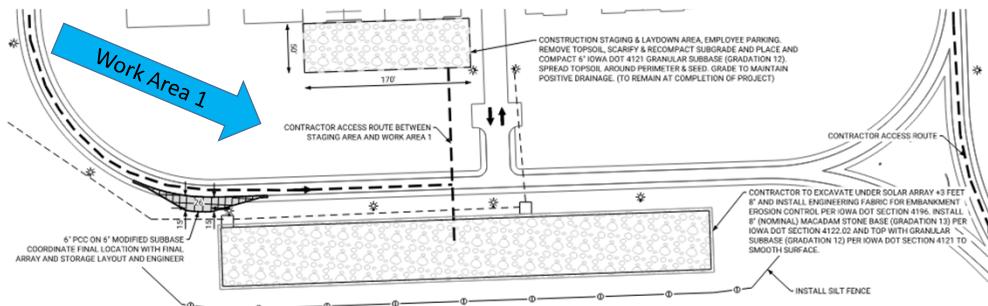


## Construction Phasing, Staging, and Traffic Control (CSPP)



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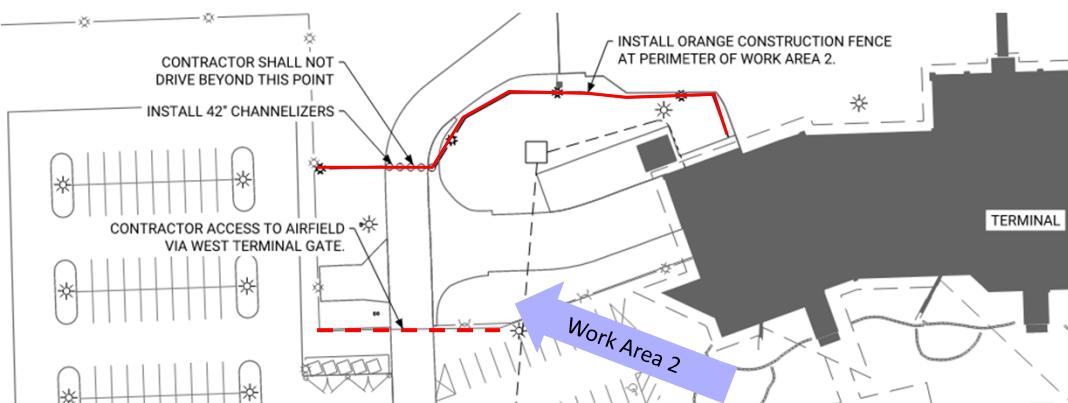
## General Phasing Overview – CSPP - Work Area 1, C001



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## General Phasing Overview – CSPP Work Area 2, C001

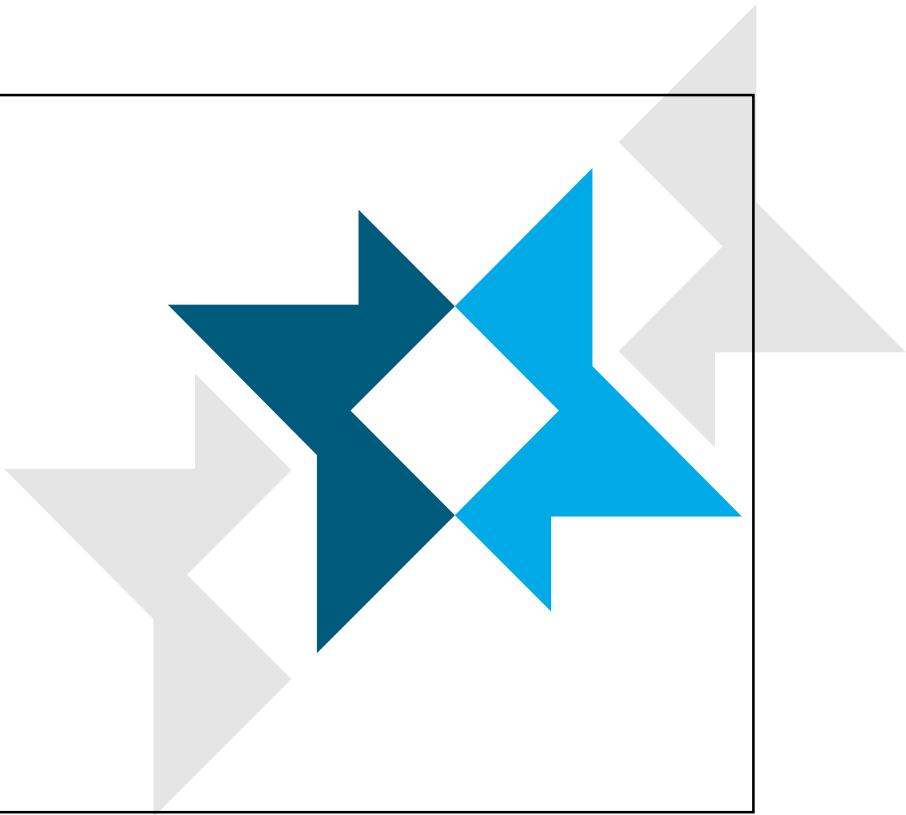


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## Safety and Security



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### Safety and Security

- ◆ Construction Safety and Phasing Plan:
  - ◆ Orange Construction Fence
  - ◆ 42" Traffic Channelizers
  - ◆ Security – CSPP
    - ◆ Airport Issued Badge
    - ◆ Escorting
    - ◆ Driver Training
    - ◆ Vehicle & Equipment Marking
  - ◆ Tall Equipment Height Restriction – noted on C000
  - ◆ FOD (Foreign Object Debris)



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## Miscellaneous

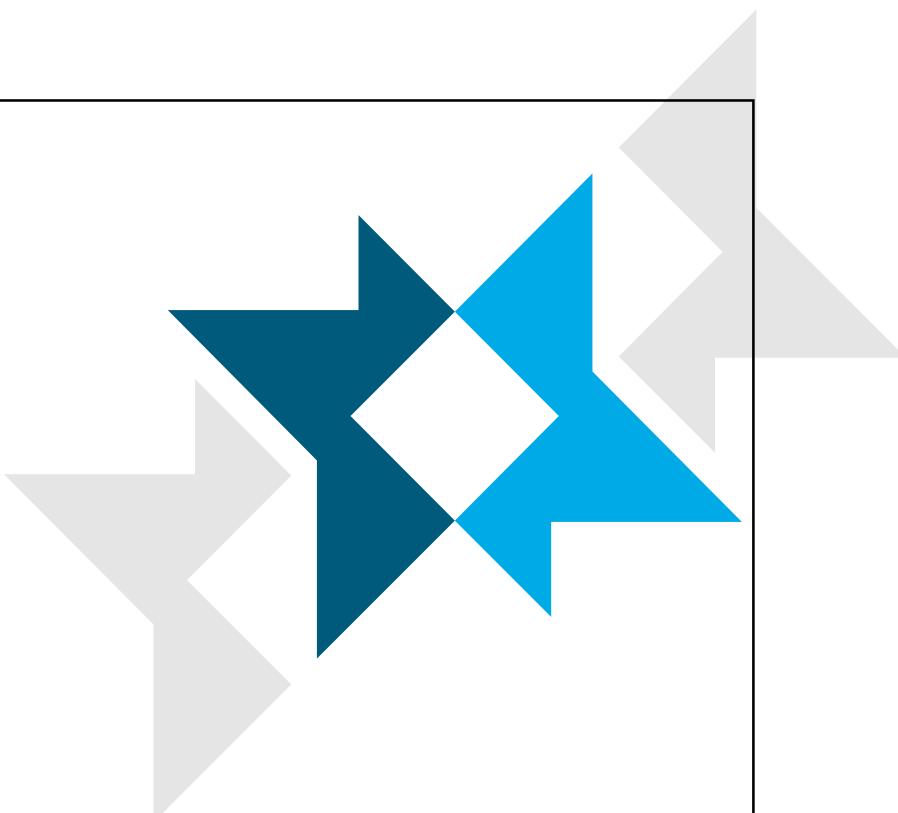
- ◆ Federal Contract Provisions – including Davis Bacon Wages
- ◆ Prime Contractor – shall perform at least 25% of total contract amount
- ◆ Questions: received by 5:00 p.m. (local time) Tuesday, November 15, 2022
  - ◆ Questions received after this date may not be answered
  - ◆ Questions are preferably emailed to: [eric.scott@foth.com](mailto:eric.scott@foth.com)
  - ◆ Questions will be formally answered by addendum



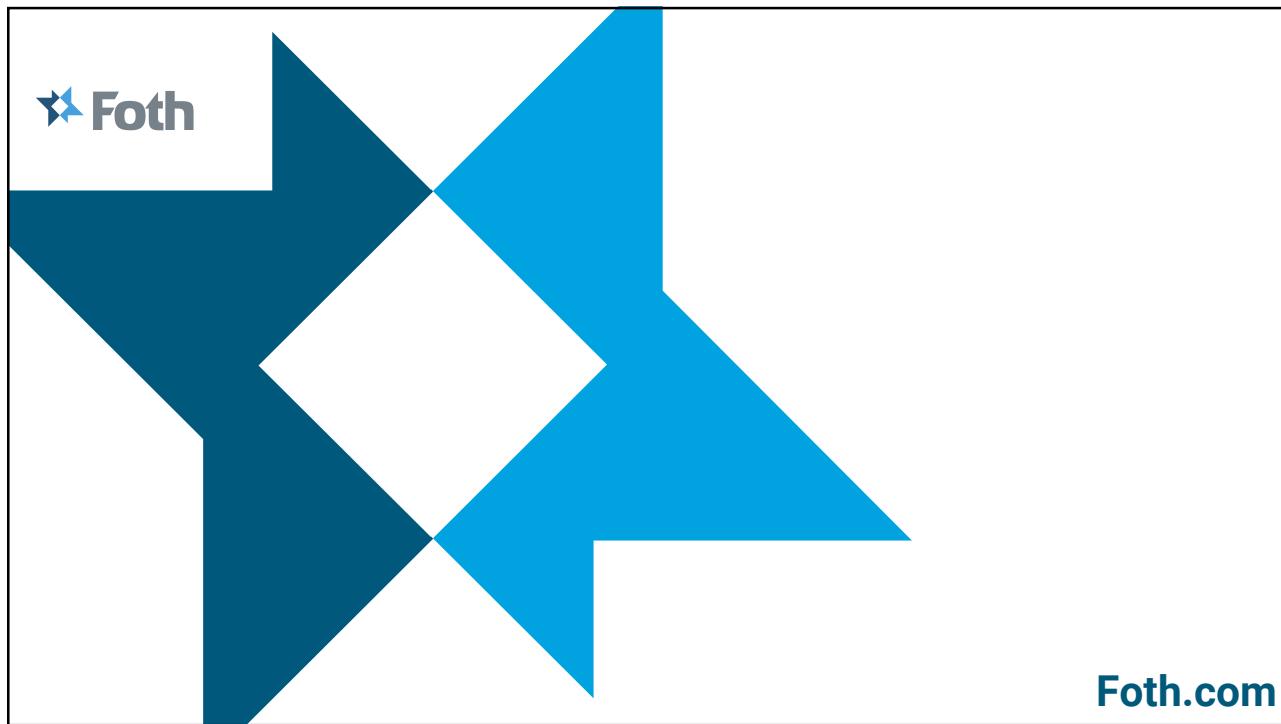
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## Questions and Answers



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**Terminal Solar PV Project  
Pre-Bid Meeting Via Microsoft Teams Conference Call  
November 14, 2022, 1:00 PM  
SIGN IN SHEET**

**Names shown below joined the Microsoft Teams Conference Call**

NAME	FIRM	PHONE NUMBER	EMAIL
Dan Klaas	DBQ	563.589.4232	<a href="mailto:dklaas@cityofdubuque.org">dklaas@cityofdubuque.org</a>
Todd Dalsing	DBQ	563.589.4232	<a href="mailto:dalsing@cityofdubuque.org">dalsing@cityofdubuque.org</a>
Cheryl Sheldon	DBQ	563.589.4232	<a href="mailto:CSheldon@cityofdubuque.org">CSheldon@cityofdubuque.org</a>
Eric Scott	Foth	319.297.2069	<a href="mailto:Eric.Scott@foth.com">Eric.Scott@foth.com</a>
Dillon Schiltz	Foth	319.297.2076	<a href="mailto:Dillon.schiltz@foth.com">Dillon.schiltz@foth.com</a>
Alexander Harris	HGA		<a href="mailto:AHarris@hga.com">AHarris@hga.com</a>
Chris Garcia	HGA		<a href="mailto:CGarcia@hga.com">CGarcia@hga.com</a>
Kevin Standlee	HGA		<a href="mailto:KStandlee@hga.com">KStandlee@hga.com</a>
Chloe Grice	Ideal Energy		<a href="mailto:chloe@idealenergyinc.com">chloe@idealenergyinc.com</a>

Chuck Klapatauskas	Ideal Energy		<a href="mailto:chuck@idealenergyinc.com">chuck@idealenergyinc.com</a>
Devin Hester	Solar Energy Solutions		<a href="mailto:devin@sesre.com">devin@sesre.com</a>
Erik Meyerhoffer	Solar Energy Solutions		<a href="mailto:erik@sesre.com">erik@sesre.com</a>
John Feltes	Acme Electric		<a href="mailto:jfeltes@acmeelectric.com">jfeltes@acmeelectric.com</a>
Kent Kraus	Eagle Point Solar		<a href="mailto:kkraus@eaglepointsolar.com">kkraus@eaglepointsolar.com</a>
Marilyn Hardy	Blue Horizon Energy		<a href="mailto:marilyn.hardy@bluehorizonenergy.com">marilyn.hardy@bluehorizonenergy.com</a>
Ron Thielen	Westphal Electrical		<a href="mailto:rthielen@westphalec.com">rthielen@westphalec.com</a>
Todd Lindquist	Eagle Point Solar		<a href="mailto:tlindquist@eaglepointsolar.com">tlindquist@eaglepointsolar.com</a>
Todd Miller	1 Source Solar		<a href="mailto:todd@1sourcesolar.com">todd@1sourcesolar.com</a>
Dale Ripp	Faith Technologies		<a href="mailto:Dale.Ripp@faithtechinc.com">Dale.Ripp@faithtechinc.com</a>
Jeremy Snead	1 Source Solar		<a href="mailto:jeremy@1sourcesolar.com">jeremy@1sourcesolar.com</a>
Blue Sky Solar		563-542-5725	
A&G Electric		563-590-8214	