

**JERRY SUMNERS SR. AURORA MUNICIPAL AIRPORT (2H2)
AURORA, MISSOURI**

Base Bid

**Replace Runway 18-36 MIRL System, Replace Runway Guidance Signs,
Install Electrical Vault Enclosure, and Replace Primary Wind Cone**

Add Alternate No. 1

Install Runway 18 PAPI System

Add Alternate No. 2

Install Runway 18-36 REIL System

MoDOT Project No. 26-091B-2

ADDENDUM NO. 1

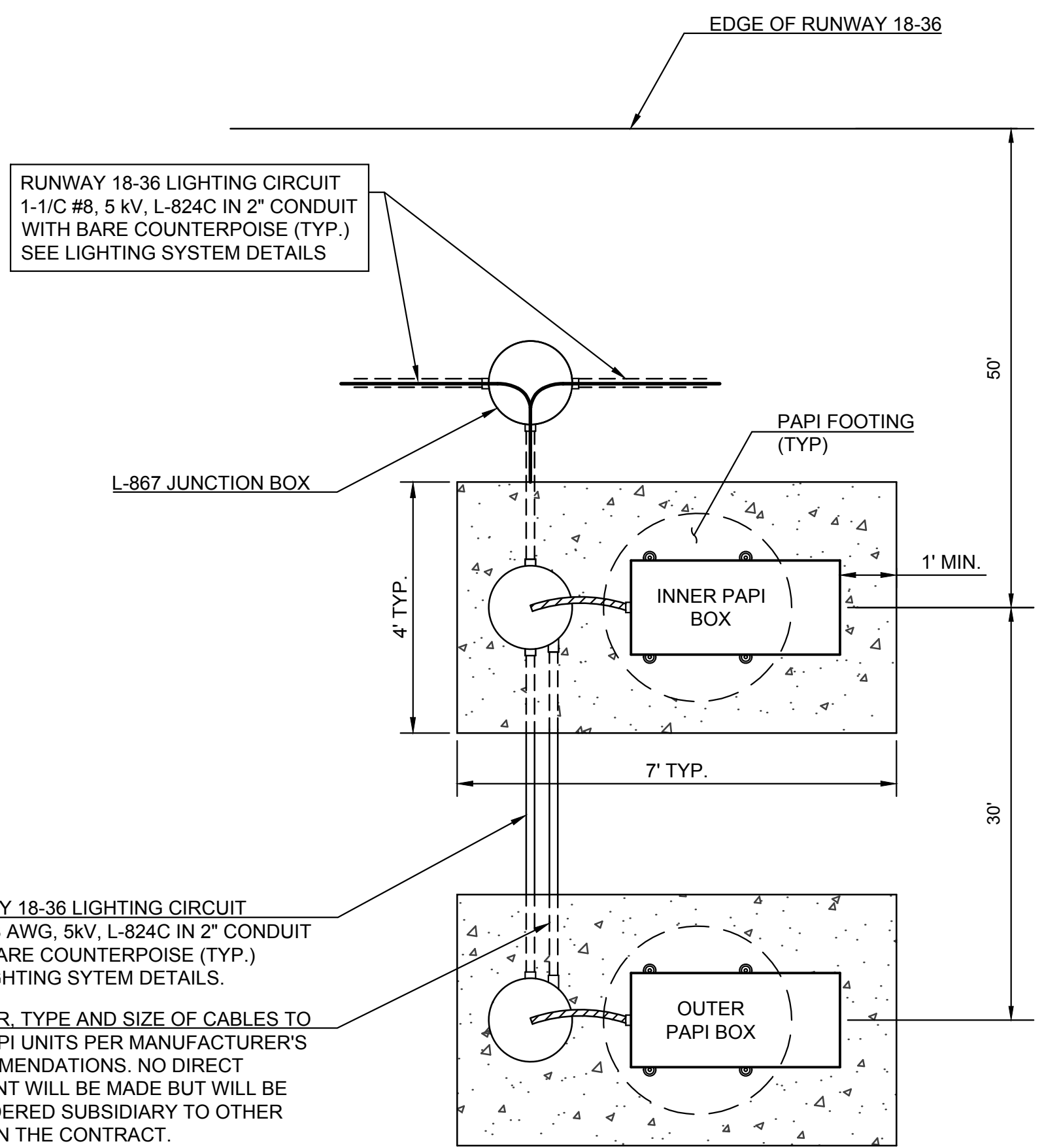
May 14th, 2026



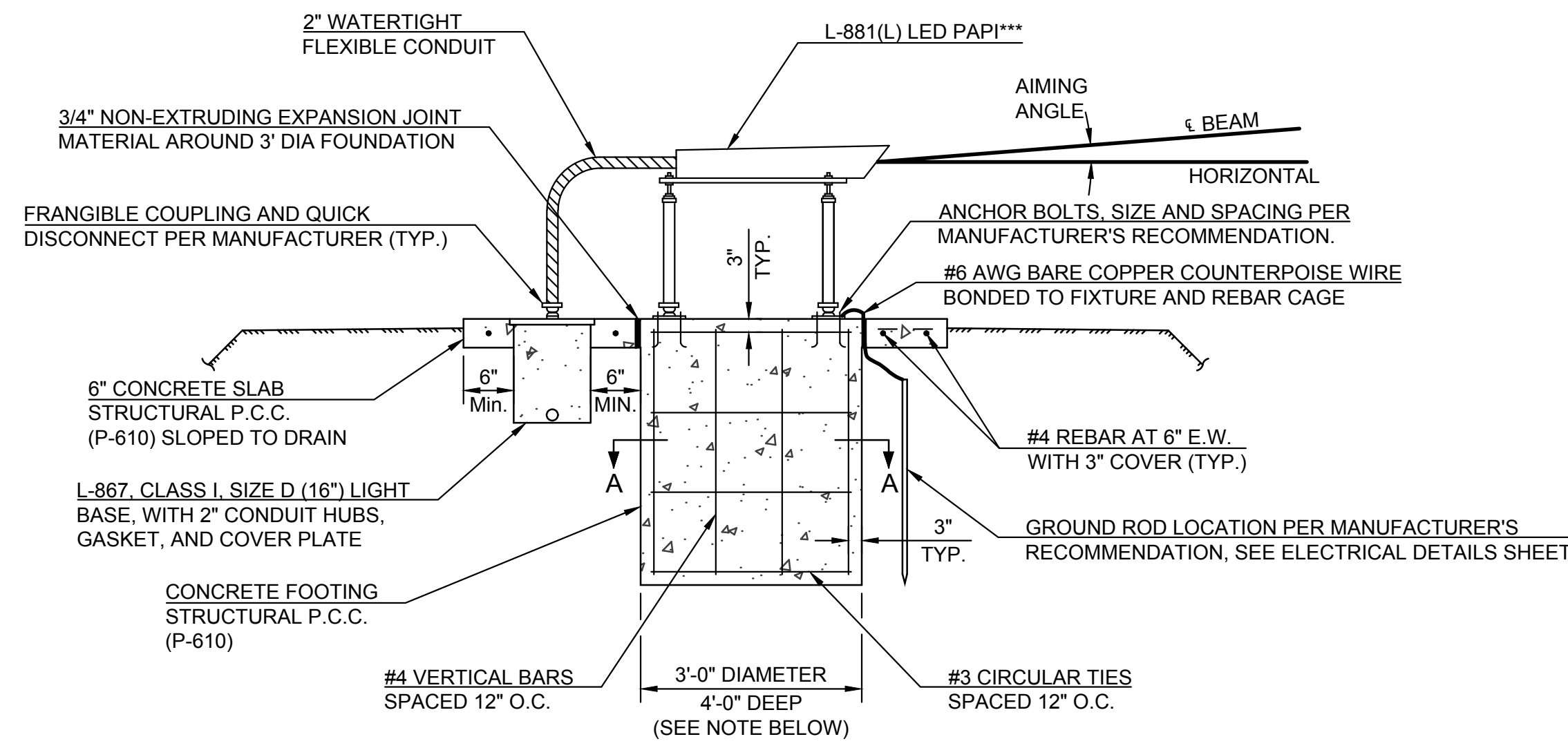
TO ALL PROSPECTIVE BIDDERS:

- A. You are hereby notified of the following amendments to the Construction Plans for the subject project. Revised versions of the referenced Plan Sheets are included with this addendum for reference.**
1. Sheet No. 5.3, PAPI System Details. The Runway 18 PAPI Data Table has been revised to reflect the correct stationing for the runway threshold as well as the correct aiming angles for the inner and outer PAPI units.
Revised Sheet No. 5.3, PAPI System Details are included with this addendum for reference.
- B. You are hereby notified of the following clarification for the subject project.**
1. An online bidding users guide, prepared by Quest CDN, is attached for reference and use when utilizing the Quest CDN platform.
- C. A copy of the pre-bid meeting minutes and attendees list is included with this addendum for reference.**
- D. All bidders must acknowledge receipt of this addendum on Quest CDN and in the space provided on Page 6 of the Proposal Packet. Failure to acknowledge receipt of an addendum may be cause for rejection of the bid.**

Plot Style: see.ctb
 Last Saved By: tiffany.splough, 2026/04/27
 Drawing Name: C:\pwworking\lochner-pw-01\d0353508\24427-T002 PAPI PLAN AND DETL.dwg, May 04, 2026 - 5:10pm



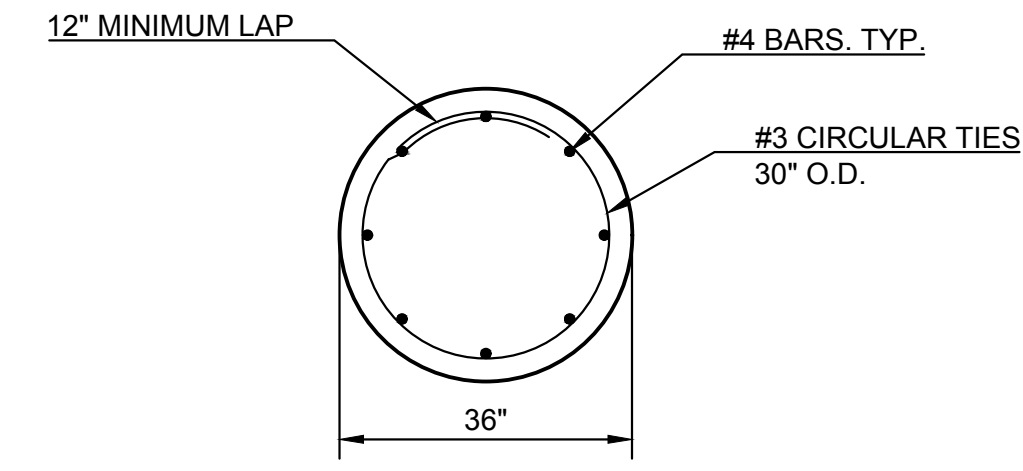
PAPI SYSTEM DETAIL
(L-881(L), STYLE B, CLASS I)
NO SCALE



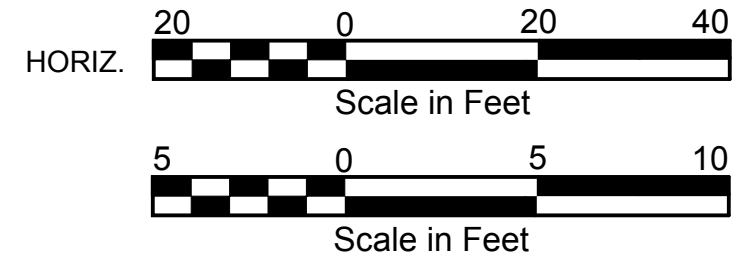
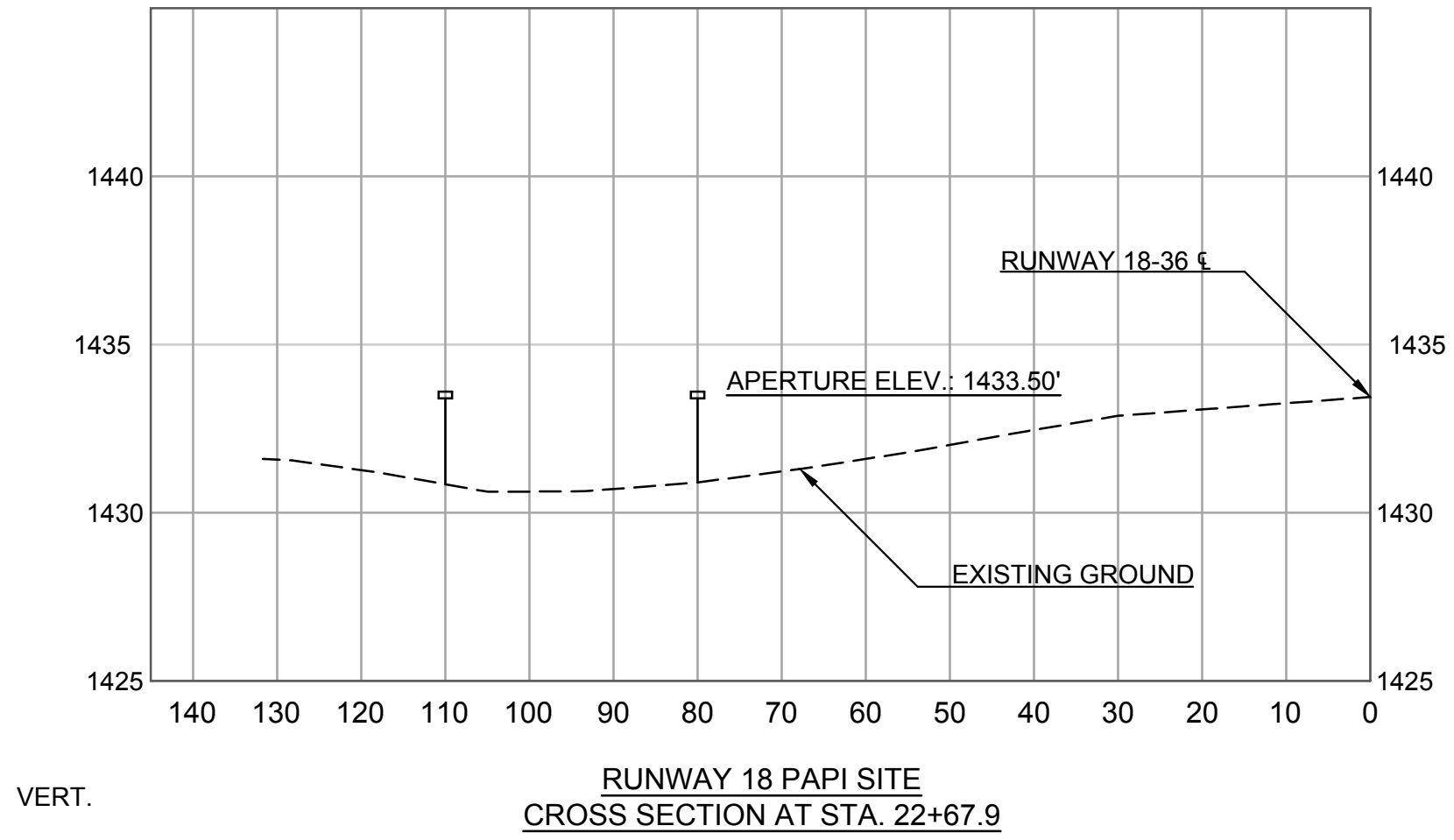
NOTE:
CONTRACTOR SHALL FORM UPPER 30\"/>

PAPI UNIT ELEVATION DETAIL
(L-881(L), STYLE B, CLASS I)
NO SCALE

*** A SMALL PLAQUE WITH THE APPROPRIATE AIMING ANGLE SHALL BE MOUNTED PERMANENTLY ON EACH PAPI UNIT. NO DIRECT PAYMENT WILL BE MADE BUT WILL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS IN THE CONTRACT.



SECTION A-A
NO SCALE



RUNWAY 18 PAPI DATA	
THRESHOLD STATION	31+00.94
THRESHOLD ELEVATION	1433.1'
RUNWAY REFERENCE POINT STATION	22+67.90
RUNWAY REFERENCE POINT ELEVATION	1433.44'
GLIDE PATH ANGLE	3°
THRESHOLD CROSSING HEIGHT	40'
STATION (CENTER OF FOUNDATION)	22+67.90
CENTER OF APERTURE ELEVATION	1433.50'
AIMING ANGLE	
INNER BOX	3° 15'
OUTER BOX	2° 45'

PAPI NOTES:

- RUNWAY 18 PAPI SYSTEM SHALL ONLY BE INSTALLED IF ADD ALTERNATE NO. 1 IS AWARDED.
- INSTALL PAPI UNITS PER MANUFACTURER RECOMMENDATIONS AND IN ACCORDANCE WITH FAA AC 150/5340-30J.
- THE FRONT FACE OF EACH LIGHT UNIT IN A BAR SHALL BE LOCATED ON A LINE PERPENDICULAR TO THE RUNWAY CENTERLINE AND NOT VARY MORE THAN +/- 6 INCHES.
- EACH LIGHT UNIT SHALL BE AIMED OUTWARD INTO APPROACH ZONE ON A LINE PARALLEL TO THE RUNWAY CENTERLINE WITHIN A TOLERANCE OF +/- 1/2 DEGREE.
- THE BEAM CENTERS OF ALL LIGHTS UNITS SHALL BE WITHIN 1 INCH OF A HORIZONTAL PLANE.
- THE DIFFERENCE IN LATERAL SPACING BETWEEN THE LIGHT UNITS SHALL NOT EXCEED ONE FOOT.
- PAPI UNITS SHALL BECOME OPERATIONAL AFTER FAA FLIGHT CHECK. CONTRACTOR'S REPRESENTATIVE SHALL BE PRESENT DURING FAA FLIGHT CHECK OPERATIONS TO MAKE ANY ADJUSTMENTS TO PAPI UNITS AS NECESSARY.



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LENEXA, KS 66219
P 816.945.5840
WWW.HWLOCHNER.COM

JERRY SUMMERS SR. AURORA MUNICIPAL AIRPORT (2H2)
CITY OF AURORA, MISSOURI
MODOT PROJECT No.: 26-0915-2

PROJECT NO.	24427 T002
DRAWN BY	AM/KW/TG
CHECKED BY	LJV
DESIGNED BY	TAG
ISSUE FOR BID	04-28-2026
ADDENDUM 1	05-14-2026

PAPI SYSTEM DETAILS

On-Line Bidding User Guide

Welcome to VirtuBid™ with the Quest Construction Data Network!

VirtuBid™ (vBid™) is a state-of-the-art electronic bidding service that benefits the bidder by allowing more time for last minute price adjustments. Bidders can now submit their numbers and forms within seconds of bid closing to ensure the most competitive bids, simply by the push of a button.

On-Line Bid ID code

You must create your On-Line Bid ID code to submit your bid.

Prior to participating in On-Line Bidding, be sure to set up your company's On-Line Bid ID code. Your On-Line Bid ID code is your digital signature. You may also need to update your QuestCDN password to higher security if needed (*On-Line Bidding new password minimum is 8 characters with one uppercase, one lowercase and one numeral*). Updating passwords and creating an On-line Bid ID code can only be done by your System Administrator.

Creating your On-Line Bid ID code

My Account – Located in the Green Title Bar in the functional menu.

- **User Info** – Enter On-line Bid ID code (*new minimum is 8 characters with one uppercase, one lowercase and one numeral*).
- **Confirm On-line Bid ID code** – Re-type your Bid ID code to confirm.
- **Save** – Click Save to update and save your code.

Before you can enter On-Line Bidding you must first Download the Project Document. You must also download all addendums before you will be able to submit your bid.

To download the Project Documents or addendums – Log into your QuestCDN account, enter the project number and click search. (you may have to click on the project name to open the Bid Advertisement Page). Click on Download Document for the projects document file. Click on **Addenda** to download addendums (located in the green title bar.) Once downloaded, close the bid advertisement window and then reopen to refresh the screen.

The screenshot shows a web browser window with the URL https://www.questcdn.com/questcdn/projects/prj_browse/project...wse.html?&projbrowse=true. The page features a green navigation bar with links: [View Plan Holders](#), [Download Document](#), [Addenda](#), and [View Plans](#). Below the navigation bar, the project title is **Renovation of City Hall Building (Quest eBidDoc™ #4731649)**. There are three buttons: [Print Ad](#), [Email Ad](#), and [On-Line Bid](#). The project details are as follows:

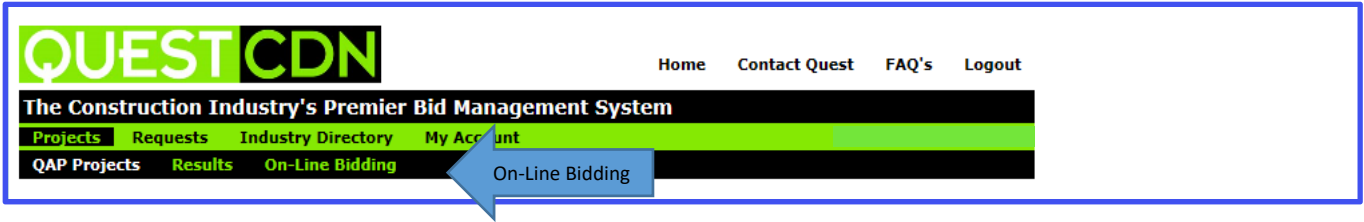
County/City/State:	Carver - Chaska, MN
Directions To Site:	
Bids Close:	11/30/2017 12:00 PM CST
On-Line Bidding:	Available
Bids Received By:	QuestCDN vBid
Addenda:	1
Owner Project Number:	QuestCDN vBid
Description:	VBid
Owner:	
Soliciting Agent:	QuestCDN On-Line Bidding

At the bottom, there is a section for **Documents:** with the text: **Quest eBidDocs™:** Vbid Test. Below this, it states: **Download delivery fee is \$0.00, file size is 1.2 Mb.**

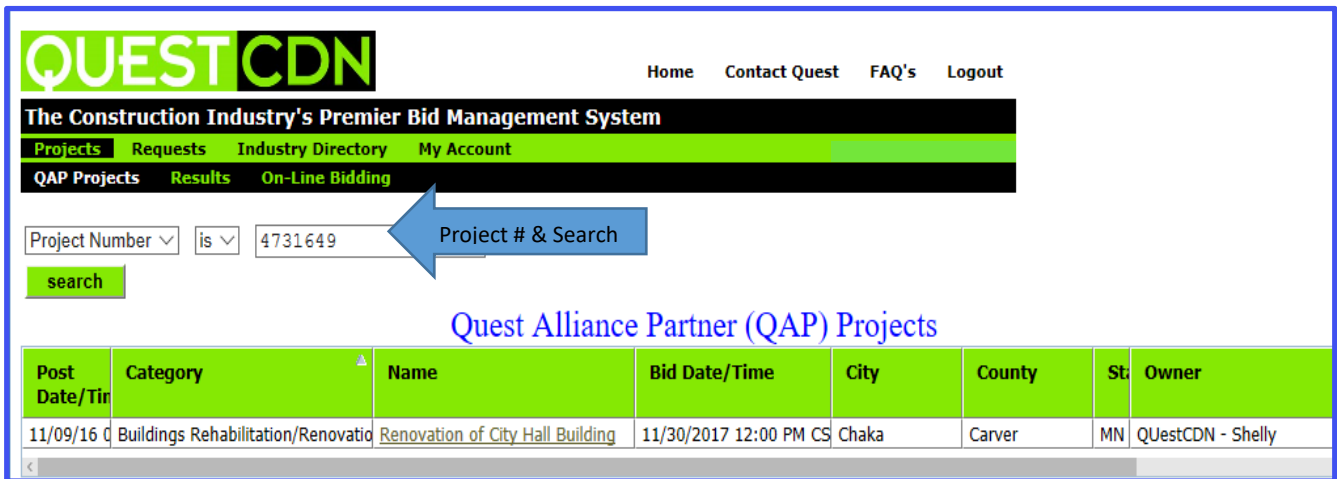
Accessing On-Line Bidding

There are two ways to access QuestCDN On-Line Bidding

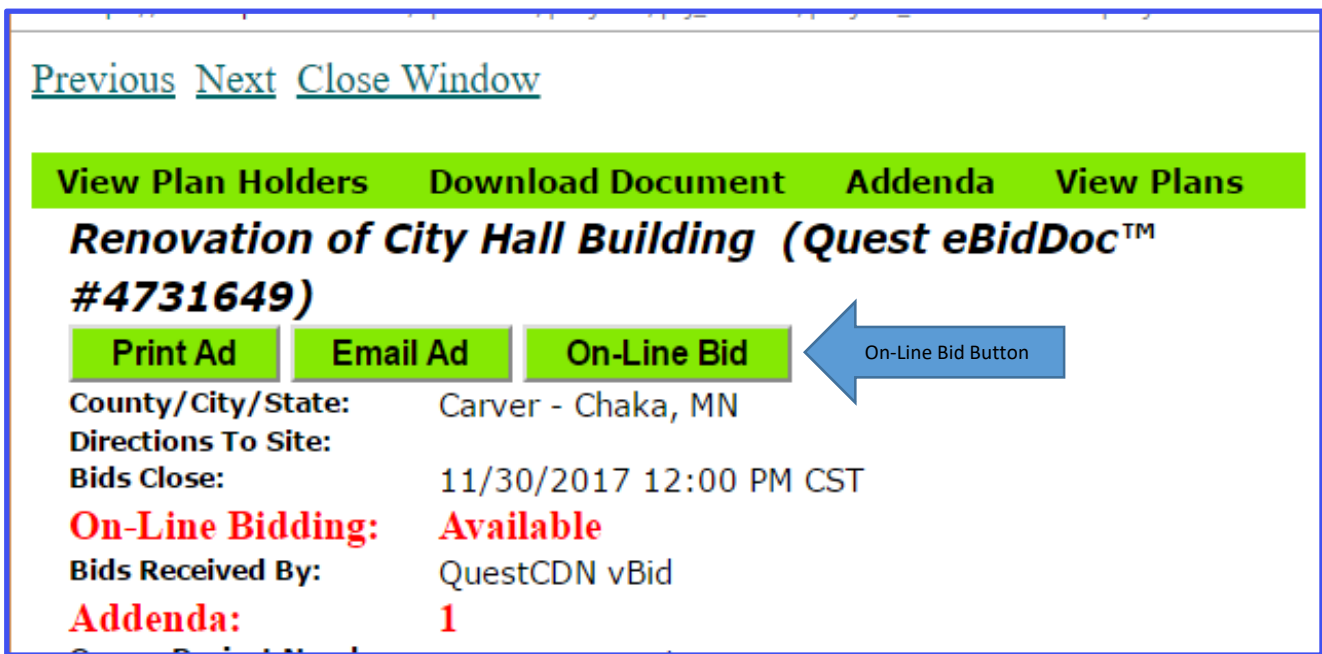
1. Click on the On-Line Bidding button to log into Quest VirtuBid™ (located on the first page of QuestCDN in the black/ green title bar).



2. Enter the project number and click search. (You may have to click on the project name to open the Bid Advertisement page).



On the Bid Advertisement Page click the On-Line Bid Button.



Logging into Vbid - On-Line Bidding

1. Log into Vbid - On-Line Bidding using your **QuestCDN** User Name and Password. (Password must = *new security minimum of 8 characters with one uppercase, one lowercase and one numeral. If needed, go to "My Account" to update the password.*)
2. On the Home page of vBid - On-Line Bidding projects are sorted by Bids Started, Bids Available, Bids Submitted, Bids Closed (Bid Submitted), Bids Closed (no bid submitted).
3. Select your project by clicking on the underlined project name.

QUEST vBID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

Bids Started (Click the +/- to expand/contract the list)

Name	City	County	State	Bid Date	Solicitor	Owner	Last Modified	User
<u>Renovation of City Hall Building</u>	Chaska	Carver	MN	11/30/2017 12:00 PM CST	QuestCDN - Pro	QuesCDN - Sh	11/17/2016 02:48 PM	Shelly Kahl

Bids Available (Click the +/- to expand/contract the list)
No projects meet this criteria

Bids Submitted (Click the +/- to expand/contract the list)
No projects meet this criteria

Bids Closed (Bid submitted) (Click the +/- to expand/contract the list)

Name	City	County	State	Bid Date	Solicitor	Owner	Last Submitted	User
<u>Airport On-line Bid Project</u>	Waconia	Carver	MN	10/28/2016 04:00 PM CDT	QuestCDN - Pro	shelly kahl	10/28/2016 03:58 PM	Shelly Kahl

Bids Closed (No bid submitted) (Click the +/- to expand/contract the list)

Name	City	County	State	Bid Date	Solicitor	Owner	User
<u>vbid Premier Member Manual</u>	waconia	Carver	MB	10/28/2016 12:00 PM CDT	Quest Construc	test	Shelly Kahl

Qualification Tab

The Qualification Tab will contain all necessary documents and forms uploaded by the owner/solicitor that are required for the project. Download all documents and forms that are required, fill them out and upload the completed forms back to the project (if required).

QUEST vBID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CDT

Owner: QuestCDN - 384 days 22:26:00

Solicitor: QuestCDN - Provider Training

Bid Not Submitted Submit Bid Save

Qualification Information Bid Worksheet

Bid Qualifications and Bidder Certifications

Qualification Sections

1. Bid Bond Section

Complete the Bid Bond information which **could be** an electronic (pdf) version of your bid bond or Surety 2000. (this information depends on what the solicitor has requested). If both are offered you only need to complete one.

A. Electronic Bid Bond

- Upload your file containing your company's bid bond information

B. Surety2000 Bid Bond

- Enter the **Contract Number** (This is the QuestCDN project number)
- Enter the **Contractor ID** (This is your QuestCDN member number)

The Unique Contract Number and Unique Contractor ID must first be provided to the Insurance Agency and the agent must use these two numbers when requesting a Surety Bond ID. Your Contractor ID will stay the same but the Contract Number will change from project to project.

The screenshot shows the QUEST v BID web application interface. At the top, there is a navigation bar with "Contact Quest" and "Logout" links. Below this is a header for "The Construction Industry's Premier Bid Management System" with a "Home" link. The main content area displays the project title "Renovation of City Hall Building (#4731649)" and the owner "QQuestCDN -". The solicitor is "QuestCDN - Provider Training -". The current date and time are "11/30/2017 12:00 PM C" and "384 days 22:26:0". A red status message "Bid Not Submitted" is visible. There are "Submit Bid" and "Save" buttons. Below this, there are tabs for "Qualification Information" and "Bid Worksheet". The "Bid Qualifications and Bidder Certifications" section is active, showing a "Bid Bond" requirement of 5% of the submitted bid value. Two options are presented: "Attach electronic bid bond" with a file upload field and an "Upload" button (labeled A), and "Enter your Surety2000 bid bond information" with input fields for "Contract number" (4731649), "Contractor id" (4626031), and "Bond id", along with "Validate" and "Save" buttons (labeled B).

2. Bidder must download the following file for bid submission section

Download all documents that are shown as requiring a download. Each required download will have a file name and a [download](#) link. Click on the Save Button to update the screen.

The screen will now show the downloaded date of the file.

The screenshot shows the bid submission section. It displays the text "Bidder must download the following files for bid submission." Below this, there is a table with one row: "On-Line Bidding - certification form.xps" with a "download" link. To the right of the link is a blue arrow pointing left labeled "Download file". Further right, the text "downloaded 16-Nov-2016" is shown, with a blue arrow pointing left labeled "Downloaded Date".

3. Bidder must download, complete, and submit (or replace) the following files for bid submission section

Click the [Download](#) link to download all required documents, select the **Save** button to update, there will now be a **Upload** Button. Complete all information and save the document(s) to your computer. Select the **Choose File** button to retrieve your file from your computer. Select the **Upload** button to upload your file to the bid.

A) **Completed Upload** - The name of the uploaded document will be shown next to the Upload button.

B) **Downloaded Date** - If you have downloaded the document but not uploaded your completed document file, the message shows the document [downloaded date](#). You need to upload your file before you can submit your bid.

C) **Download File** - If you have not downloaded the document a message will display- **downloading required for bid submission**. You need to download and upload the completed file before you can submit your bid.

4. Check or Replace File

Quest vBid allows you to check your uploaded documents and replace them as often as you need. To check the file uploaded, click on the uploaded document name. To replace it, select **Choose File** and retrieve the correct file from your computer. Select **Upload** to complete the upload of your replacement file.

Bidder must download, complete, and submit (or replace) the following files for bid submission.

File Name	Download Link	Choose File	Status	Upload Button	Additional Info
On-Line Bidding - Specifications.xps	download	Choose File	No file chosen	Upload	On-Line Bidding - Specifications.xps uploaded 10-Nov-2016 (Annotation A)
On-Line Bidding - Specifications.xps	download	Choose File	No file chosen	Upload	downloaded 16-Nov-2016 (Annotation B)
Quest equipment signature 001.jpg	download		downloading required for bid submission		(Annotation C)

5. Post letting information works the same as the sections above, except there is a separate due date, after the normal letting close. Documents requested in this section can be uploaded any time after the actual bid letting time but must be uploaded before the Deadline date and time set by the solicitor. Please check the separate due date and comply.

Post letting information submittals **Deadline:** 08-DEC-2016 12:00 PM (Annotation: Deadline date)

Download, complete, and submit (or replace) the following files.

File Name	Download Link
Post letting Submission.pdf	download

Buttons: Cancel, Submit Bid, Save

Bid Worksheet Tab

Work Sheet Sections

- White sections are part of the Base Bid and require that you bid each item before submitting.
- Pink sections are Optional and completion may or may not be mandatory, Items in this section will not be added to the base bid. Please follow the instructions specified by the solicitor.
- Blue sections are Fixed and specified by the solicitor, you cannot change them and they are automatically added to the base bid.

Entering the Unit Price Fields

- Fill in the Unit Price Field by clicking on the appropriate line item in the worksheet. You can move from unit price to unit price by using your Enter key or the Up/Down Arrow. When finished be sure to click **Save**.
- Once you have finished both the Qualification page and the Worksheet page you are ready to **Submit Bid**.

Import & Export CSV

- Use the Export to CSV button to export the Bid Worksheet to an Excel spreadsheet. This option may be helpful for additional calculations and percentage markups on the unit price.
- Use the Import from CSV button to import your Excel spreadsheet back to the Bid Worksheet.

You may not add or make changes to the headers or verbiage and you may not move line items. If changes have been made to any of these fields the Import CSV will fail to upload correctly and you will not be able to submit your bid or your bid may be incorrect. Only make changes to the Unit Price Field.

QUEST vBID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
Owner: QQuestCDN - Solicitor: QuestCDN - 383 days 18:44:23

Bid Not Submitted Submit Bid Save

Qualification Information Bid Worksheet

Sections shown in this color are not included in the Base Bid Total
Sections shown in this color are fixed and cannot be edited by the bidder

Line Item	Item Code	Item Description	UofM	Quantity	Unit Price	Extension
3	4SDR35	4" PVC SDR35 PIPE	Ln Ft	2500		
PVC PIPE Total:						\$0.00
PVC FITTINGS						
4	8SDR3590	8" PVC SDR35 90 Bend	ea	100		
5	6SDR3545	6" PVC SDR35 45 BEND	EA	50		
6	4SDR3590	4" PVC SDR35 90 BEND	EA	100		
PVC FITTINGS Total:						\$0.00
ALTERNATE PIPE						
7	8C900	8" PVC C900 PIPE	LN FT	3500		
8	6C900	6" PVC C900 PIPE	LN FT	8500		
9	4C900	4" PVC C900 PIPE	Ln Ft	2500		
ALTERNATE PIPE Total:						\$0.00
Labor						
10	Labor	Work Estimator	ea	1	\$2,000.00	\$2,000.00
Labor Total:						\$2,000.00
Base Bid Total:						\$2,000.00

Import from CSV Export to CSV Cancel Submit Bid Save

Submitting your On-Line Bid with Bid ID code

Download all addenda's before you submit your bid. If addendums are not downloaded, you will not be able to submit your bid. Return to QuestCDN and login to download.

Enter your **On-Line Bid ID** code and check the **I Agree** box to accept the Terms and Conditions. Submit your bid– (the On-Line Bid Id code is a special pass code required only at bid submittal, this code is your digital signature– it can be added or changed by logging into your QuestCDN account @ www.questcdn.com - once logged into your account go to **"My Account"** located in the green title bar and select User Info. Add or change your Bid ID Code, remember to save your changes).

QUESTCDN's TERMS OF USE FOR BIDDERS

This Terms of Use for Bidders Agreement ("Agreement") is between Quest Construction Data Network, LLC, P.O. Box 412, Spring Park, Minnesota 55384-0412 ("QUESTCDN") and you (which may be identified in this agreement as "You," "Your," or "User"). By accepting this Agreement you are accepting its terms on behalf of both you personally and any entity for which you are an agent or appear to represent as indicated by the information you provide in registering with the QUESTCDN Web site and the Quest VirtuBid (hereafter vBid) services, and the terms "You," "Your," and "User" shall include both you personally and that entity.

This Agreement is in addition to any other terms and conditions or other agreements QUESTCDN presents to You in writing either on QUESTCDN's Web site or as a part of the Quest vBid services and You agree to as a part of using its Web site or the Quest vBid services, including without limitation the Construction Data Network, LLC Web site Terms of Use, contain the terms and conditions that govern Your use of the QUESTCDN Web site and the Quest vBid services. These agreements constitute the entire agreement among the parties relating to this subject matter, and these agreements supersede all prior or contemporaneous communications and proposals, whether electronic, oral or written.

Enter your On-Line Bid ID code: This ID code is your digital signature. ← Bid ID Code

If you do not remember your On Line Bid ID Code, you may change it by logging in at QuestCDN.com and going to the My Account page. Only account administrators have access to this page.

I Agree ← Agree

By clicking the checkbox and entering your On-Line Bid ID code you are agreeing to the terms displayed above.

Error Messages

After you Submit your bid the system verifies that you have completed all the requirements. The error message **Bid Not Submitted** will be shown if you have errors in your bid submission. Below are some examples of error messages.

- Missing bid bond information
- Required unit price is missing.
- Required addenda's have not been downloaded.
- Required file has not been uploaded.

QUEST vBID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home ← Bid Bond Error

**Required bid bond has not been entered.
Item unit price is missing.**

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
383 days 17:58:04

Owner: QuestCDN - ← Bid Not Submitted
Solicitor: QuestCDN - Provider Training

Bid Not Submitted ← Bid Not Submitted

Line Item	Item Code	Item Description	UoM	Quantity	Unit Price	Extension
3	4SDR35	4" PVC SDR35 PIPE	Ln Ft	2500		
PVC PIPE Total:						\$0.00
PVC FITTINGS						
4	8SDR3590	8" PVC SDR35 90 Bend	ea	100		
5	6SDR3545	6" PVC SDR35 45 BEND	EA	50		
6	4SDR3590	4" PVC SDR35 90 BEND	EA	100		
PVC FITTINGS Total:						\$0.00
ALTERNATE PIPE						
7	8C900	8" PVC C900 PIPE	LN FT	3500		
8	6C900	6" PVC C900 PIPE	LN FT	8500		
9	4C900	4" PVC C900 PIPE	Ln Ft	2500		
ALTERNATE PIPE Total:						\$0.00
Labor						
10	Labor	Work Estimated City Labor	ea	1	\$2,000.00	\$2,000.00
Labor Total:						\$2,000.00
Base Bid Total:						\$2,000.00

← Unit Price Error

QUEST v BID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

Required addenda have not been downloaded. Download Addenda Error

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
363 days 18:25:00

Owner: QUestCDN
Solicitor: QuestCDN - Provider Training

Bid Not Submitted

QUEST v BID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home Shelly Kahl QuestCDN

Required file has not been uploaded. Upload Required File Error

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
363 days 2:24:00

Owner: QUestCDN - Shelly
Solicitor: QuestCDN - Provider Training -!

Bid Not Submitted

Qualification Information | Bid Worksheet

Bidder must download the following files for bid submission.

On-Line Bidding - certification form.xps	download		downloaded 01-Dec-2016
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Bidder must download, complete, and submit (or replace) the following files for bid submission.

On-Line Bidding - Specifications.xps	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	Provider Training upload Plans and Spec.pdf uploaded 01-Dec-2016
On-Line Bidding - Specifications.xps	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	On-Line Bidding - Specifications.xps uploaded 01-Dec-2016
Quest equipment signature 001.jpg	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	On-Line Bidding - Specifications.xps uploaded 01-Dec-2016
On-Line Bidding Specification Form.pdf	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	On-Line Bidding - Specifications.xps uploaded 01-Dec-2016
Provider Training upload Plans and Spec.pdf	download	<input type="button" value="Browse..."/>	<input type="button" value="Upload"/>	downloaded 02-Dec-2016 Upload the file

There are 2 unread addenda for this project. Follow [this link](#) to download them on QuestCDN (opens new window).

Bidder must download the following files for bid submission.

On-Line Bidding - certification form.xps	download		downloaded 01-Dec-2016
--	--------------------------	--	------------------------

Download the Addenda's

Make any corrections needed. Save and Submit the bid. Once your bid is submitted successfully you will receive a confirming email showing your bid was delivered (be sure to keep this email). The page message will now say **BID SUBMITTED.**

QUEST v BID Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

The bid was successfully submitted.

Renovation of City Hall Building (#4731649) 11/30/2017 12:00 PM CST
381 days 3:06:00

Owner: QUestCDN -!
Solicitor: QuestCDN - Provider Training -Shelly

Bid Submitted 11/14/2016 08:44 AM CST Bid Submitted


Qualification Information | Bid Worksheet

Sections shown in this color are not included in the Base Bid Total
Sections shown in this color are fixed and cannot be edited by the bidder

Line Item	Item Code	Item Description	Uof/ft	Quantity	Submitted Unit Price	Extension
PVC PIPE						
1	85DR35	8" PVC SDR35 PIPE	Ln Ft	3500	\$1.85	\$6,475.00
2	65DR35	6" PVC SDR35 PIPE	Ln Ft	8500	\$1.65	\$14,025.00
3	45DR35	4" PVC SDR35 PIPE	Ln Ft	2500	\$1.45	\$3,625.00
PVC PIPE Total:						\$24,125.00
PVC FITTINGS						
4	85DR3590	8" PVC SDR35 90 Bend	ea	100	\$4.45	\$445.00
5	65DR3545	6" PVC SDR35 45 BEND	EA	50	\$3.35	\$167.50
6	45DR3590	4" PVC SDR35 90 BEND	EA	100	\$2.20	\$220.00
PVC FITTINGS Total:						\$832.50
ALTERNATE PIPE						
7	8C900	8" PVC C900 PIPE	LN FT	3500		
8	6C900	6" PVC C900 PIPE	LN FT	8500		
9	4C900	4" PVC C900 PIPE	Ln Ft	2500		
Base Bid Total:						\$26,957.50

Making Changes to your Bid

- Changing Prices** - You can make changes and resubmit as many times as you need before the bid ending time. Select **Edit Worksheet** to make any changes needed. When finished select Submit Changes, enter your On-Line Bid Id code, check "I agree" and Submit. The owner of the project will only receive the last submission. If you fail to re-submit, your **changes will not be updated**.
- Un-Submit your bid** - If you need to un-submit your bid, select **Unsubmit Bid**. This will remove your bid tabulation in its entirety (all data entered will remain saved). You may re-submit your bid at any time before the end of the bid closing time. If you fail to re-submit, your bid **will not** be received by the solicitor.


Contact Quest Logout

The Construction Industry's Premier Bid Management System

Home

The bid was successfully submitted.

Renovation of City Hall Building (#4731649)

Owner: QQuestCDN -

Solicitor: QuestCDN - Provider Training -

11/30/2017 12:00 PM

381 days 3:06:

Bid Submitted 11/14/2016 08:44 AM CST

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Qualification Information
Bid Worksheet

Sections shown in this color are not included in the Base Bid Total
 Sections shown in this color are fixed and cannot be edited by the bidder

						Submitted	
Line Item	Item Code	Item Description	UoM	Quantity	Unit Price	Extension	
PVC PIPE							
1	8SDR35	8" PVC SDR35 PIPE	Ln Ft	3500	\$1.85	\$6,475.00	
2	6SDR35	6" PVC SDR35 PIPE	Ln Ft	8500	\$1.65	\$14,025.00	
3	4SDR35	4" PVC SDR35 PIPE	Ln Ft	2500	\$1.45	\$3,625.00	
PVC PIPE Total:						\$24,125.00	
PVC FITTINGS							
4	8SDR3590	8" PVC SDR35 90 Bend	ea	100	\$4.45	\$445.00	
5	6SDR3545	6" PVC SDR35 45 BEND	EA	50	\$3.35	\$167.50	
6	4SDR3590	4" PVC SDR35 90 BEND	EA	100	\$2.20	\$220.00	
PVC FITTINGS Total:						\$832.50	
ALTERNATE PIPE							
7	8C900	8" PVC C900 PIPE	LN FT	3500			
8	6C900	6" PVC C900 PIPE	LN FT	8500			
9	4C900	4" PVC C900 PIPE	Ln Ft	2500			
Base Bid Total:						\$26,957.50	

Import from CSV
Export to CSV
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Submitted

Edit Worksheet

Unsubmit Bid

PRE-BID MEETING MINUTES**JERRY SUMNERS SR. AURORA MUNICIPAL AIRPORT (2H2)
AURORA, MISSOURI****BASE BID****REPLACE RUNWAY 18-36 MIREL SYSTEM, REPLACE RUNWAY GUIDANCE SIGNS,
INSTALL ELECTRICAL VAULT ENCLOSURE, AND REPLACE PRIMARY WIND
CONE****ADD ALTERNATE NO. 1****INSTALL RUNWAY 18 PAPI SYSTEM****ADD ALTERNATE NO. 2****INSTALL RUNWAY 18-36 REIL SYSTEM****MoDOT Project No. 26-091B-2****Thursday, May 14th, 2026 – 11:00 A.M. (CDT) via Microsoft Teams****I. Introduction of Attendees**

- A. The attendees list is included for reference.

II. Site Visit Opportunity

- A. No official Engineer or Sponsor led site visit will be conducted for this project. Each bidder must contact Carrie Howlett (Aurora City Manager) to schedule a site visit. Carrie's phone number is 417-678-5121.

III. Bid Opening

- A. Bids will be received **electronically via Quest CDN** until **11:00 A.M. (CDT) on Tuesday, May 26th, 2026**. Bids received after this time will not be accepted by the system and therefore not considered.
- B. There will not be a public or virtual meeting to read the bid results. A bid tab will be provided after all bids have been tabulated. When ready, the bid tab will be available within the project plan room on Quest CDN.
- C. Bids may be held by the City of Aurora, Missouri for a period not to exceed one hundred twenty (120) calendar days from the date of the bid opening.
- D. **Award of contract is contingent upon the City of Aurora, Missouri receiving federal funding assistance from the Federal Aviation Administration (FAA).**

IV. Bidding Process

- A. Accessing the Construction Plans, Project Manual, future addendums, and bidding the project is completed through Quest CDN. The Quest CDN Number for this project is **10131859**. Please ensure you are able to access these documents and if you are not able to, notify Ian Wright (iwright@hwlochner.com) or Jordan Hairgrove (jordan.hairgrove@hwlochner.com) with Lochner immediately.
- B. If there are issues logging into Quest CDN, please contact their customer service team. If you are unable to successfully contact them and get your issue resolved, please contact Jordan Hairgrove with Lochner immediately.
- C. Online bidding will become available via Quest CDN no later than Wednesday, May 20th, 2026.
- D. You do not need to fill out the proposal tables on Proposal Packet page P-1 through P-4. This is completed online via Quest CDN.
- E. The Prime Contractor shall acknowledge all addendums issued with this project on Proposal Packet page P-6.
- F. Quest CDN will not allow prospective bidders to submit a bid for this project unless all addendums are received/downloaded/acknowledged. If you are unable to submit a bid, please ensure you've downloaded and acknowledged all addendums.
- G. If an addendum is issued **after** you've submitted your bid, Quest CDN will automatically un-submit your bid until you acknowledge the latest addendum(s). Once acknowledged, you have the ability to adjust your bid (if necessary) and re-submit your bid.
- H. If for some reason any of the bid items are changed by addendum, utilize the new unit values when submitting your bid.
- I. Contractor's submitting a bid shall acknowledge that they will comply with the Buy American requirements listed on the Certification of Compliance with FAA Buy American Preference on Proposal Packet Pages P-9 through P-11. Please ensure that Pages P-10 and P-11 are filled out and are signed.
- J. As part of your proposal, you are required to complete the Worker Eligibility Verification Affidavit on Pages P-13 and P-14 of the Proposal Packet. Note also that you are required to upload with your proposal a completed copy of the first page and a valid copy of the signature page of your E-Verify Memorandum of Understanding.
- K. Although there is no DBE requirement for this project, the prospective bidder is required to provide DBE information if they are utilizing a MoDOT-certified DBE. **The bidder shall complete the Disadvantaged Enterprise Participation Page (Proposal Packet Page P-15) regardless of the DBE goal if a DBE firm is to be utilized on this project.**
 - i. If the prospective bidder is not anticipating utilizing a DBE for this project, please put "N/A" on the form.

- ii. If the prospective bidder is anticipating utilizing a DBE for this project, the DBE form shall be completed as necessary. The successful bidder will be required to submit evidence of when and by whom each DBE was last certified after the bid opening.
- L. If applicable, sixty percent (60%) of the cost of materials or supplies purchased from a DBE-certified distributor may be counted. If the materials or supplies are obtained from a DBE-certified manufacturer, 100% of the cost may be counted as DBE participation.
- M. The Prime Contractor shall sign and date the Proposal Packet on page P-16.
- N. An electronic upload of the Bid Bond guarantee is required in the amount of five (5) percent of the total amount of the bid (Base Bid + Add Alternate No. 1 + Add Alternate No. 2), made payable to the City of Aurora, Missouri.
- O. All bidders shall provide a statement of qualifications with their proposals highlighting past similar work, a financial statement, and a list of equipment along with year and overall condition. In lieu of the financial statement, Contractors may provide evidence that they are pre-qualified with MoDOT for similar work and are on the current MoDOT bidders list.
- P. Please note that per Section 5, Item C-105, Mobilization of the Project Manual, the unit price for Mobilization shall not exceed 10% of the total bid amount.
- Q. Intentions are to execute contracts after receiving concurrence in award from MoDOT Aviation and then issue a Notice-To-Proceed (NTP) for construction as early as December 2026 or as late as October 2027.

V. Contract Provisions

- A. Mandatory contract provisions are identified in the General Provisions and Special Provisions sections of the Project Manual.
- B. Upon receiving concurrence in contract award from the City of Aurora, Missouri, the Prime Contractor is required to execute the following documents:
 - i. Performance Bond
 - The bond amount shall be 100% of the awarded contract price
 - ii. Payment Bond
 - The bond amount shall be 100% of the awarded contract price
 - iii. Contract Agreement
- C. The DBE goal for this project is **0%** as described on Page NTB-6 of the Project Manual.
- D. The Contractor and all Subcontractors will be required to pay minimum wage rates as established by the United States Department of Labor. Minimum wage requirements are identified within Section 4 of the Project Manual. Minimum wage requirements for this project are subject to the “Highway Types”. Both Federal and State wage rates are included. If there is a discrepancy between the two published wage rates, the higher of the two will be used as the requirement.

- E. The Contractor shall pay the minimum wage rate that corresponds to the appropriate task. Lochner's RPR will be conducting random wage rate interviews during construction and will be monitoring and ensuring that the Contractor's personnel are compensated for the amount stated within the wage rate section for the task that they are completing.
- F. The Contractor and his/her Subcontractors will be required to provide certificates of insurance for at least the minimum amounts specified on Pages SP-31 through SP-33 of the project manual.
- G. Prior to procurement and upon the request of the successful bidder, the City of Aurora, Missouri will provide the successful bidder a state tax exempt certification, applicable to materials only. This tax-exempt certification is not applicable to labor costs.
- H. The Prime Contractor shall perform, with their organization, an amount of work equal to at least 25% of the total contract cost per Section 80-01 Subletting of Contract within the General Provisions in the Project Manual.
- I. The Prime Contractor shall provide copies of all subcontracts to the Engineer at least 14 days prior to the Subcontractor being utilized on the project as required per Section 80-01 Subletting of Contract within the General Provisions in the Project Manual.
- J. During construction, the first pay estimate shall be processed when necessary. **All subsequent pay estimates will only be processed once the Prime Contractor has submitted lien releases from their Subcontractors.** This will be discussed in further detail during the preconstruction meeting.

VI. Project Overview and Phasing

- A. The scope of this project features work under a Base Bid and two Add Alternates:
 - i. Base Bid
 - Replace Runway 18-36 MIRL System
 - Replace Runway Guidance Signs
 - Install Electrical Vault Enclosure
 - Replace Primary Wind Cone
 - ii. Add Alternate No. 1
 - Install Runway 18 PAPI System
 - iii. Add Alternate No. 2
 - Install Runway 18-36 REIL System
- B. This project has been structured into one (1) phase. The total contract time from the date of the Notice-to-Proceed varies based on project award:
 - i. Base Bid Only
 - Thirty (30) calendar days
 - ii. Base Bid + Add Alternate No. 1
 - Forty-Five (45) calendar days
 - iii. Base Bid + Add Alternate No. 2
 - Thirty-Five (35) calendar days
 - iv. Base Bid + Add Alternate No. 1 + Add Alternate No. 2
 - Fifty (50) calendar days

- C. Please note that the contract time is set up in calendar days and not working days. This construction time schedule includes estimated delays due to weather for a typical season.
- D. Traffic control (low profile barricades and runway closure markings) shall be installed as shown on Plan Sheet 1.0.
- E. The Contractor shall familiarize themselves with the Construction Safety and Phasing Plan (CSPP) Report (located in the Project Manual) and the required safety and traffic control details on Plan Sheet 1.0.
- F. Liquidated damages are set at \$2,100.00 per calendar day. Delays due to weather and other factors out of the control of the Contractor **that are above and beyond a typical season** may be requested in writing as a reason for the contract period extension. The request should be made as soon as the Contractor is aware of an issue with the construction period. The Contractor shall also make every attempt to make up any lost days by working extended periods during the day and/or weekends.
- G. As stated, and required by the CSPP report, the Contractor shall submit a Safety Plan Compliance Document (SPCD) detailing how they will comply with the CSPP Report. This SPCD must be approved by the Engineer prior to the issuance of the construction notice to proceed.
- H. All personnel associated with the Contractor and Subcontractors that are intending to operate a vehicle on airport property for this project will be required to complete an initial safety briefing during orientation, including requirements for operating a motor vehicle within the Airport Operations Area (AOA).
- I. The Contractor shall notify the engineer forty-five (45) calendar days prior to the start of construction so that the City can provide notice to tenants and issue all NOTAMs to Flight Service with regards to the construction at the airport.
- J. Lochner will provide Construction Observation and acceptance testing throughout the project.
- K. Extreme caution shall be used when working near underground electrical cable and other utilities. The Contractor is responsible for locating any underground utilities prior to construction beginning. The Contractor shall notify Missouri One Call or dial 811 at least 48 hours prior to any construction activities to allow sufficient time to locate and mark any existing field cables or utilities which might be affected by this project. Should damage occur to any of these items, they will be replaced immediately at the Contractor's expense to the satisfaction of the Engineer and the Owner.
- L. General Note 13 on Plan Sheet 0.2 states that the Contractor shall be responsible for obtaining water (if required) for completion of the project. The Contractor shall contact the Engineer for coordination and pricing. The cost of this work shall be considered subsidiary to other contract items.
- M. A Contractor furnished Engineer's field office is not required.

VII. Electrical System Removal/Demolition Plan

- A. Bid Item 15 “Remove Existing Lighting System” includes, but is not necessarily limited to, the removal and disposal by the Contractor of the following items:
- i. Stake-mounted runway and taxiway lights
 - ii. Intermittent base-mounted runway and taxiway lights (light and foundation)
 - iii. Applicable electrical vault equipment in the terminal building hangar.
 - Regulator to be unplugged/disconnected and left in place for use as a spare.
 - iv. Guidance sign panels (frame and foundations to remain except the Runway 36 frame – it needs to be replaced as it is broken)
 - v. Primary wind cone and applicable segmented circle markers
 - Segmented circle markers that are in good condition (not broken/ripped) shall be salvaged to the Owner in the terminal building hangar for use as spares in the future.
- B. Direct-buried circuitry shall be abandoned in place and in ducts where called out on the Construction Plans.

VIII. MIRL System and Guidance Sign Installation (Base Bid)

- A. The Contractor shall have the option of installing the electrical counterpoise system by the Equipotential Method (in the same trench as the conduit) or the Isolation Method (in a separate trench from the conduit). If installed in the same trench as the conduit, the counterpoise wire shall be connected to the ground lug of each light base and ground rods installed at intervals not to exceed 500 feet. If the counterpoise is installed in a separate trench, with ground rods installed at intervals not to exceed 500 feet, then a ground rod shall also be installed at each light base
- B. Installation of conduit by the plowing method is acceptable.
- C. The cable quantities listed do not include the minimum three foot of slack required at each connection. This amount is subsidiary to the contract item.
- D. All concrete for the junction boxes, light bases, etc. associated with the Runway 18-36 MIRL system shall be subject to the “Concrete Composition Note” that is listed throughout the electrical details within the Construction Plans.
- E. New “18” and “36-18” guidance sign panels shall be procured and installed on the existing frames and foundations as described throughout the Construction Plans.
- F. A new “36” guidance sign panel and frame shall be installed on the existing foundation as described throughout the Construction Plans.

IX. Install Runway 18 PAPI System (Add Alternate No. 1)

- A. The PAPI system shall tie into the Runway 18-36 MIRL system. It is not powered by a separate circuit.
- B. PAPI footings shall be constructed per the P-610 specification in the Project Manual. The remaining concrete foundation that is non-structure critical may be constructed utilizing the “Concrete Composition Note” that is listed throughout the electrical details within the Construction Plans.
- C. The PAPIs shall become operational after a FAA flight check is completed. A Contractor’s representative shall be present during the FAA flight check operations to make any adjustments to the PAPI units as necessary.
- D. All site preparation required for the construction of the PAPIs shall be considered subsidiary to Bid Item 31 “Furnish and Install L-881(L) 2-Box PAPI System”.

X. Install Runway 18-36 REIL System (Add Alternate No. 2)

- A. The REIL system shall tie into the Runway 18-36 MIRL system. It is not powered by a separate circuit.
- B. REIL footings shall be constructed per the P-610 specification in the Project Manual.
- C. The REILs shall become operational after a FAA flight check is completed. A Contractor’s representative shall be present during the FAA flight check operations to make any adjustments to the REIL units as necessary.
- D. All site preparation required for the construction of the REILs shall be considered subsidiary to Bid Item 37 “Furnish and Install L-849I(L) REIL System”.
- E. A 6” compacted aggregate surface course at a four foot radius shall be constructed around each REIL unit/foundation. The material and labor required for this surface course shall be considered subsidiary to Bid Item 37 “Furnish and Install L-849I(L) REIL System”. The surfacing material may be the same material as the white rock surfacing around the wind cone.

XI. Primary Wind Cone (Base Bid)

- A. Segmented circle cone markers requirements and layout are shown on Plan Sheet 5.6.
- B. The Contractor will be required to submit a detailed shop drawing of the proposed wind cone tower and foundation for approval prior to delivery of material to site.

- C. The primary wind cone's segmented circle area shall be grade to drain away from the wind cone foundation. Within a 20' radius of the wind cone, a soil sterilant to prevent vegetative growth shall be applied. Once completed, a geotextile filter fabric layer shall cover a 20' radius with a 4" layer of white rock surfacing installed around the wind cone base. The Contractor shall furnish certifications for all of the previously described materials for approval by the Engineer. All material and labor required for the site preparation and construction of the surfacing around the wind cone shall be considered subsidiary to Bid Item 3 "Furnish and Install L-807 (LED), Stlye I-B, Size 2 Primary Wind Cone".

XII. Electrical Vault (Base Bid)

- A. Bid Item 9 "Construct Electrical Vault Enclosure, Foundation, and Concrete Pad in Place" includes, but is not necessarily limited to, completing the following items related to the new electrical vault enclosure as described in the Project Manual and throughout the Construction Plans:
- i. Procurement of the infrastructure
 - ii. Grading and site preparation required to ensure a level foundation
 - iii. Concrete, electrical infrastructure, etc.
 - iv. Connections to existing utilities
- B. The concrete foundation for the electrical vault must comply with the P-610 specification in the Project Manual. The concrete foundation may be precast and brought on site in lieu of constructed on site.
- C. All material and labor required to complete the work on Plan Sheet 6.0 shall be considered subsidiary to Bid Item 9 "Construct Electrical Vault Enclosure, Foundation, and Concrete Pad in Place". This includes, but is not limited to:
- i. Tying into the existing meter on the terminal building and installing the vault enclosure feeder infrastructure
 - ii. Re-routing the rotating beacon circuitry to power and tie into the new electrical vault enclosure
 - iii. Concrete, trenching, boring, electrical infrastructure, etc.
 - iv. Connections to existing utilities
- D. Bid Item 10 "Furnish and Install Airfield Electrical Controls in New Vault Enclosure" covers the material and labor required to procure and install the electrical vault equipment and infrastructure described on Plan Sheets 6.3 and 6.4.
- E. Bid Item 11 "Furnish and Install 7.5 kW Constant Current Regulator, 3 Step" covers the material and labor to procure and install the proposed regulator.

XIII. Request for Information (RFI)

- A. Bidders requiring a clarification or interpretation of the project documents shall make a written request to the Owner or Engineer via email to Ian Wright (iwright@hwlochner.com). The Owner or Engineer must receive the written request a minimum of seven (7) calendar days prior to the date of the bid opening.

XIV. Open Discussion

- A. Construction staking is the Contractor's responsibility and shall be subsidiary to all contract items.

XV. Addendums

- A. Addendum No. 1 will fix a discrepancy on the Runway 18 PAPI Data table on Plan Sheet 5.3. Additionally, it will include today's pre-bid meeting minutes and attendee sheet.

PRE-BID MEETING ATTENDEE LIST

**JERRY SUMNERS SR. AURORA MUNICIPAL AIRPORT (2H2)
AURORA, MISSOURI**

BASE BID

**REPLACE RUNWAY 18-36 MIRL SYSTEM, REPLACE RUNWAY GUIDANCE SIGNS,
INSTALL ELECTRICAL VAULT ENCLOSURE, AND REPLACE PRIMARY WIND CONE**

ADD ALTERNATE NO. 1

INSTALL RUNWAY 18 PAPI SYSTEM

ADD ALTERNATE NO. 2

INSTALL RUNWAY 18-36 REIL SYSTEM

MoDOT Project No. 26-091B-2

Thursday, May 14th, 2026 – 11:00 A.M. (CDT) via Microsoft Teams

<u>NAME</u>	<u>COMPANY</u>	<u>TELEPHONE</u>	<u>E-MAIL</u>
Ian Wright	Lochner	316-518-9244	iwright@hwlochner.com
Larry Wagner	Lochner	816-547-8567	Lwagner@hwlochner.com
Jordan Hairgrove	Lochner	816-945-5844	Jordan.hairgrove@hwlochner.com
Carrie Howlett	City of Aurora	417-678-5121	chowlett@auroramogov
Sean Hasbrouck	Third Generation Electric	918-519-2363	sean@tgeulsa.com
April Price	Third Generation Electric	918-504-5394	april@tgeulsa.com
Tom Powers	MODOT Aviation	573-395-6278	Thomas.powers@modot.mo.gov