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LANCASTER MUNICIPAL AIRPORT
TxDOT CSJ No. 2018LNCAS

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**Texas Department of Transportation
Aviation Division
Request for Qualifications (RFQ) for
Professional Engineering Services**

The City of Lancaster, through its agent, the Texas Department of Transportation (TxDOT), intends to engage a professional engineering firm for services pursuant to Chapter 2254, Subchapter A, of the Government Code. TxDOT Aviation Division will solicit and receive qualification statements for the current aviation project as described below.

Current Project: City of Lancaster; TxDOT CSJ No.: 2018LNCAS.

The TxDOT Project Manager is Ed Mayle.

Scope: Provide engineering and design services, including construction administration, to

1. Surface treat Runway
2. Surface treat Taxiways
3. Surface treat eligible Apron areas; and
4. Mark airfield pavements.

The Agent, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all respondents that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit in response to this solicitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The proposed contract is subject to 49 CFR Part 26 concerning the participation of Disadvantaged Business Enterprises (DBE).

The DBE goal for the design phase of the current project is **3%**. The goal will be re-set for the construction phase.

Utilizing multiple engineering/design and construction grants over the course of the next five years, future scope of work items at the Lancaster Regional Airport may include the following: Construct hangars and hangar access road north of the main terminal apron at Lancaster Regional Airport.

The City of Lancaster reserves the right to determine which of the services listed above may or may not be awarded to the successful firm and to initiate additional procurement action for any of the services listed above.

To assist in your qualification statement preparation, the criteria, project diagram, and most recent Airport Layout Plan are available online at <http://www.dot.state.tx.us/avn/avninfo/notice/consult/index.htm> by selecting “Lancaster Regional Airport.” The qualification statement should address a technical approach for the current scope only. Firms shall use page 4, Recent Airport Experience, to list relevant past projects.

AVN-550 Preparation Instructions:

Interested firms shall utilize the latest version of Form AVN-550, titled “Qualifications for Aviation Architectural/Engineering Services”. The form may be requested from TxDOT, Aviation Division, 125 E. 11th Street, Austin, Texas 78701-2483, phone number, (800)68-PILOT (74568). The form may be emailed by request or downloaded from the TxDOT website at <http://www.txdot.gov/inside-txdot/division/aviation/projects.html>. The form may not be altered in any way. Firms must carefully follow the instructions provided on each page of the form. Qualifications shall not exceed the number of pages in the AVN-550 template. The AVN-550 consists of eight pages of data plus one optional illustration page. A prime provider may only submit one AVN-550. If a prime provider submits more than one AVN-550, or submits a cover page with the AVN-550, that provider will be disqualified. Responses to this solicitation WILL NOT BE ACCEPTED IN ANY OTHER FORMAT.

ATTENTION: To ensure utilization of the latest version of Form AVN-550, firms are encouraged to download Form AVN-550 from the TxDOT website as addressed above. Utilization of Form AVN-550 from a previous download may not be the exact same format. Form AVN-550 is a PDF Template.

The completed Form AVN-550 must be received in the TxDOT Aviation eGrants system no later than February 25, 2021, 11:59 PM. (CDST). Electronic facsimiles or forms sent by email or regular/overnight mail will not be accepted.

Firms that wish to submit a response to this solicitation must be a user in the TxDOT Aviation eGrants system no later than one business day before the solicitation due date. To request access to eGrants, please complete the Contact Us web form located at <http://txdot.gov/government/funding/egrants-2016/aviation.html>

An instructional video on how to respond to a solicitation in eGrants is available at <http://txdot.gov/government/funding/egrants-2016/aviation.html>

Step by step instructions on how to respond to a solicitation in eGrants will also be posted in the RFQ packet at <http://www.dot.state.tx.us/avn/avninfo/notice/consult/index.htm>.

The consultant selection committee will be composed of local government representatives. The final selection by the committee will generally be made following the completion of review of AVN-550s. The committee will review all AVN-550s and rate and rank each. The Evaluation Criteria for Engineering Qualifications can be found at <http://www.txdot.gov/inside-txdot/division/aviation/projects.html> under Information for Consultants. All firms will be notified and the top rated firm will be contacted to begin fee negotiations for the design and bidding phases. The selection committee does, however, reserve the right to conduct interviews for the top rated firms if the committee deems it necessary. If interviews are conducted, selection will be made following interviews.

Please contact TxDOT Aviation for any technical or procedural questions at (800)-68-PILOT (74568). For procedural questions, please contact Sheri Quinlan, Grant Manager. For technical questions, please contact Ed Mayle, Project Manager.

For questions regarding responding to this solicitation in eGrants, please contact the TxDOT Aviation help desk at 1-800-687-4568 or avn-egrantshelp@txdot.gov.

EVALUATION CRITERIA FOR ARCHITECTURAL/ENGINEERING QUALIFICATIONS

TxDOT Aviation recommends that the Selection Committee, in evaluating detailed qualifications from the listed architects/engineers, use the following criteria. They should suffice for most projects. You will notice that we have proposed scoring values for each criterion. Should there be special circumstances, criteria and their respective scoring values may be adjusted. Your TxDOT project manager will be glad to help should this be the case.

1. Recent experience of the project team with comparable airport projects within the past ten years.

(25 points)

Do the qualifications indicate that the project team has recent direct experience on other general aviation airports designing similar improvements to those proposed at this location? [Sources of information: Aviation Project Design Team Form, Recent Relevant Airport Experience Form, and possibly the Optional Summary.]

2. Proposed technical approach (30 points)

Does the architect/engineer provide evidence of understanding of the project; and any unique architectural/engineering aspects associated with the proposed project and how to address them? [Sources of information: Proposed Technical Approach to Project, and possibly the Optional Summary.]

3. Project design schedule and ability to meet schedules and deadlines (25 points)

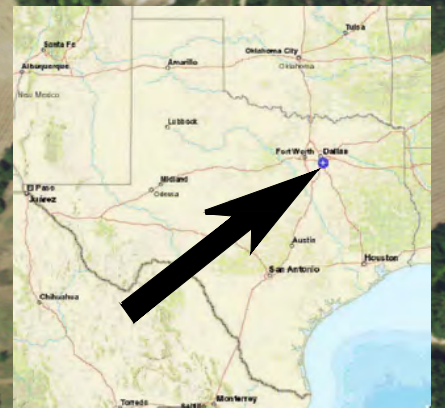
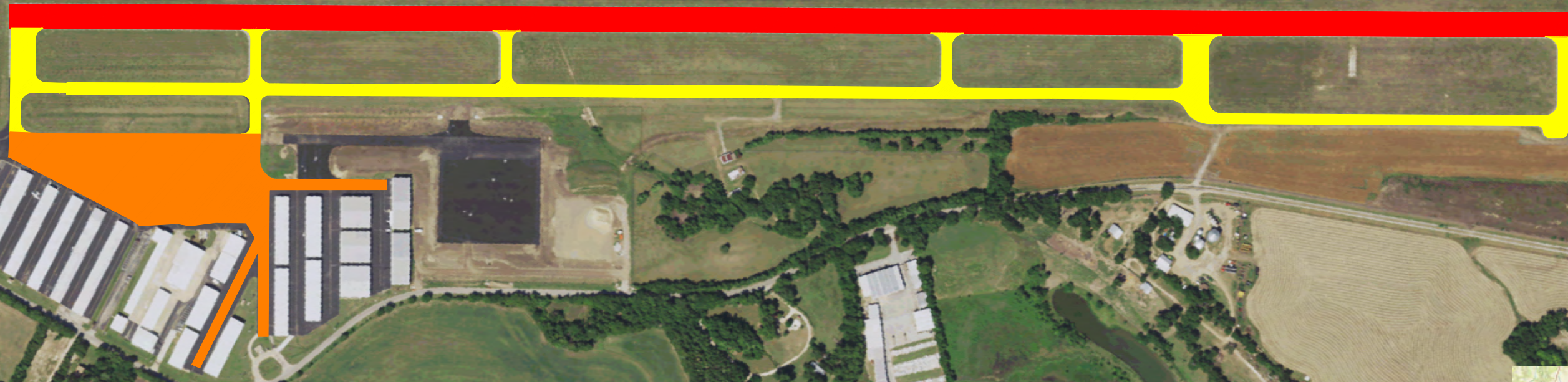
Does the proposed design team have sufficient time to work on this project? Has the firm demonstrated an ability to meet design schedules in the past? Reasonableness of proposed schedule [Sources of information: Aviation Project Design Team Form, Recent Relevant Airport Experience Form, Project Design Schedule Form and possibly the Optional Summary.]

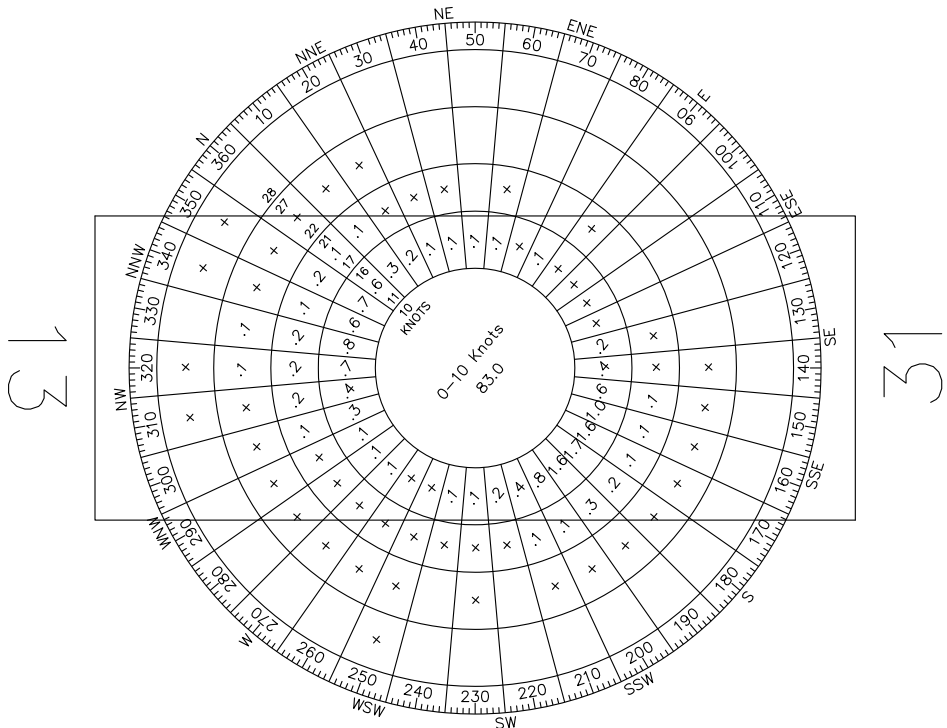
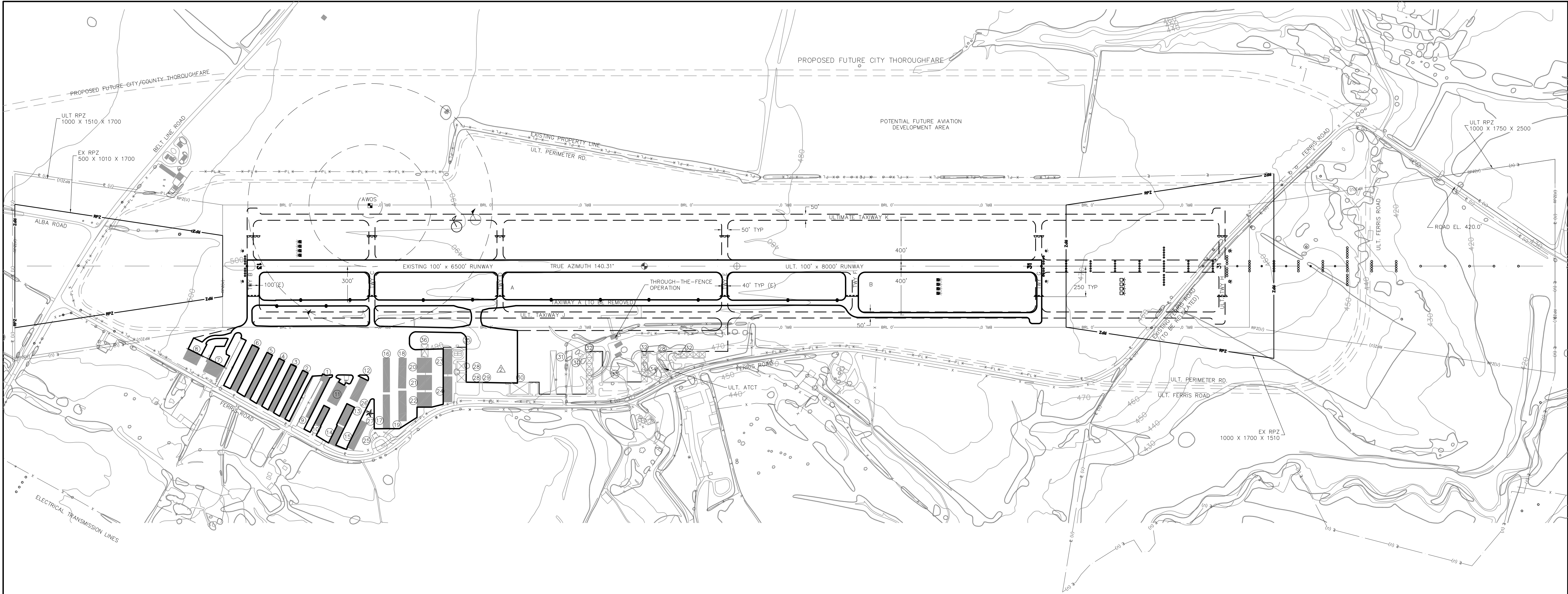
4. Construction Management Experience (20 points)

The architect/engineer will oversee the airport construction. Therefore, it is critical that the architect/engineer be involved in the day-to-day construction activities through a full-time resident project representative and periodic site visits. What evidence do the qualifications provide as to the architect/engineer's commitment to proactive and consistent representation during construction? [Source of information: Relevant Airport Experience form; proposed Technical Approach to Project; and possibly the Optional Summary]

Lancaster Regional Airport

Surface treat Runway
Surface treat Taxiways
Surface treat Eligible Apron areas
Mark Airfield Pavements





SCALE: 1" = 400'

RUNWAY DATA TABLE				
	RW 13-31			
	EXISTING		ULTIMATE	
RUNWAY ARC	C-II		D-III	
DESIGN AIRCRAFT & ARC	CL-601 (C-II)		GULFSTREAM V (C-III)	
BALANCED FIELD LENGTH	6300'		6200'	
RUNWAY LENGTH & WIDTH (ft.)	6500' X 100'		8000' X 100'	
PAVEMENT DESIGN STRENGTH (lbs.)	40,000 SW/60,000 DW		50,000 SW/100,000 DW	
RUNWAY LIGHTING	MIRL		MIRL	
PERCENT EFFECTIVE GRADIENT	0.4%		0.4%	
PERCENT WIND COVERAGE	99.65%		99.65%	
MAXIMUM ELEVATION ABOVE MSL	501.1'		501.1'	
RW SURFACE TYPE	ASPH		ASPH, CONC	
RSA - LENGTH BEYOND RW END	1000'		1000'	
RSA - WIDTH	500'		500'	
OFA - LENGTH BEYOND RW END	1000'		1000'	
OFA WIDTH	800'		800'	
OFZ - LENGTH BEYOND RW END	200'		200'	
OFZ WIDTH	400'		400'	
RUNWAY END	13	31	13	31
APPROACH TYPE	VISUAL	NDB, GPS	LPV GPS	LPV GPS
APPROACH VISIBILITY MINIMA	VISUAL	3/4 MILE	3/4 MILE	1/2 MILE
THRESHOLD SITING SURFACE & SLOPE	#6 20:1	#8 20:1	#8 20:1	#9 34:1
RUNWAY MARKING	NPI	NPI	NPI	PIR
RUNWAY VISUAL AIDS	PAPI	PAPI, REILS	PAPI, REILS	PAPI, REILS, MALSR
TOUCHDOWN ZONE ELEVATION	501.1'	487.0'	501.1'	480.0'
FAR PART 77 APPROACH CATEGORY	B(V)	C	D	PIR
FAR PART 77 APPROACH SURFACE SLOPE	20:1	34:1	34:1	50:1
TAKE-OFF RUN AVAILABLE (TORA)	6500'	6500'	8000'	8000'
TAKE-OFF DISTANCE AVAILABLE (TODA)	6500'	6500'	8000'	8000'
ACCELERATE STOP DISTANCE AVAIL. (ASDA)	6500'	6500'	8000'	8000'
LANDING DISTANCE AVAILABLE (LDA)	6500'	6500'	8000'	8000'

AIRPORT DATA TABLE		
	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	501.1'	501.1'
AIRPORT NAVIGATION AIDS	NDB, GPS	LPV GPS
MEAN MAX TEMP (Hottest Month °F)	96°F	96°F
AIRPORT REFERENCE CODE (ARC)	D-II	D-III
TAXIWAY MARKING	CENTERSTRIPE	CENTERSTRIPE
TAXIWAY LIGHTING	MITL	MITL
AIRPORT REFERENCE POINT COORDINATES	32°34'39.37" N 96°43'03.10" W	32°34'33.66" N 96°42'57.50" W
NOTES		
1. CAUTION ZONE LIGHTS ARE PRESENT IN THE FINAL 2000' OF BOTH RUNWAY ENDS.		
2. NO OFZ OBJECT PENETRATIONS.		

RUNWAY END COORDINATES AND ELEVATIONS			
RUNWAY END	LATITUDE	LONGITUDE	ELEVATION
EXISTING END OF RUNWAY 13	32°35'04.13" N	96°43'27.27" W	501.1'
EXISTING END OF RWY 31	32°34'14.64" N	96°42'38.76" W	475.3'
ULTIMATE END OF RWY 31	32°34'03.22" N	96°42'27.57" W	470.0'

SURVEY MARKERS					
NUMBER	DESIGNATION	PID	LATITUDE	LONGITUDE	ELEVATION (MSL)
A	LANPORT	CS 3200	33°34'46.80174" N	96°43'12.86611" W	489.1'
B	LANPORT AZ MK	CS 3201	32°34'24.65486" N	97°40'49.688" W	476.5'

Note 1: The Sponsor recognizes the ultimate runway length is shown for purposes of airport land use compatibility planning and decision making. The Sponsor acknowledges the ultimate Design Aircraft does not justify the ultimate runway length shown.

Note 2: The Sponsor acknowledges a future instrument approach procedure to RW 13 is not currently deemed feasible. The Sponsor will institute appropriate airport land use and hazard controls to protect for an instrument approach procedure should it become implementable at a later date.

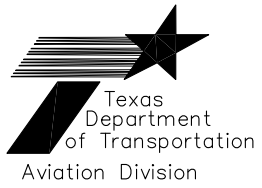
Note 3: For Airplane Design Group III serving airplanes with maximum certificated takeoff weight greater than 150,000 pounds, the standard runway width is 150 feet.

ALD LEGEND		
FEATURE	EXISTING	ULTIMATE
RUNWAY/TAXIWAY OUTLINE	---	---
RUNWAY/TAXIWAY TO BE REMOVED	---	---
BUILDINGS/FACILITIES	---	---
AIRPORT PROPERTY LINE	---	---
AIRPORT PROPERTY LINE w/FENCE	---	---
FENCE LINE	---	---
BUILDING RESTRICTION LINE (BRL)	---	---
AIRPORT REFERENCE POINT	---	---
WIND CONE & SEGMENTED CIRCLE	---	---
THRESHOLD LIGHTS	---	---
RW END IDENTIFIER LIGHTS (REILS)	---	---
C&G BEACON	---	---
VGSI	---	---
HOLD POSITION AND SIGN	---	---
ASOS/AWOS	---	---
PACS AND SACS MARKERS	---	---
GROUND CONTOURS	---	---
SIGNIFICANT OBJECT LOCATION	---	---
TREES/BRUSH	---	---
CITY LIMIT LINE	---	---

NO.	REVISIONS	BY	DATE
1	AS-BUILT DRAWING FOR RUNWAY EXTENSION TO 6500'	KS	1-MAR-11
	APRON EXPANSION AND FUEL FARM	MACKIE	19-DEC-16

TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION		AIRPORT SPONSOR	
ALP APPROVED ACCORDING TO FAA AC 150/5300-13 CHANGE 15 PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NRA STUDY PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT PROPERTY.		CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR	
COPYRIGHT 2010 TxDOT AVIATION DIVISION, ALL RIGHTS RESERVED.		SPONSOR ACKNOWLEDGES APPROVAL OF ALP. BY TxDOT DOES NOT CONSTITUTE A COMMITMENT TO FUNDING.	
ORIGINAL SIGNED BY DAVID FULTON 7-MAR-08 DAVID FULTON, DIRECTOR, AVIATION DIVISION		ORIGINAL SIGNED BY ARB RYLAND 3-MAR-08 SIGNATURE	
PREPARED BY:		TITLE, AIRPORT SPONSOR'S REPRESENTATIVE	
BARNARD DUNKELBERG & COMPANY		SUSAN SPLETH DESIGNED BY	
		WILLIAM RUCKER DRAWN BY	
		MARK MCFARLAND CHECKED BY	
		JUN 23 2010 DATE	
		JUN 23 2010 DATE	
		JUN 24 2010 DATE	

AIRPORT LAYOUT DRAWING
LANCASTER REGIONAL AIRPORT
LANCASTER, TEXAS (LNC)



Instructions for Responding to a Solicitation in eGrants

<p>TxDOT Aviation eGrants webpage: https://apps2.dot.state.tx.us/apps/egrants2/logout2.aspx</p> <p>eGrants help desk Monday –Friday 8AM – 5PM 1-800-687-4568</p>	<p>If you are not set up in eGrants and wish to respond to a posted solicitation, please complete the eGrants webform available at https://form.jotform.com/62164883455160</p>
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STEP	ACTION(S)	NOTES
	<u>CONSULTANTS SHOULD HAVE AN OPPORTUNITY ON THEIR HOME PAGE WHEN THE USER LOGS IN. WITH MULTIPLE RFQS POSTED, PLEASE ENSURE YOU SELECT THE CORRECT OPPORTUNITY</u>	
01.	Go to View Opportunities. a. Select <u>Apply Now</u> to the opportunity b. The RFQ Response Menu is opened	Very important to click on the name of the document and not the organization name Make a note of the opportunity due date to ensure you respond in time
02.	Click on View, Edit and Complete Forms a. Select RFQ Applicant Form b. Confirm Project information and address c. Upload AVN-550 or 551 <u>PLEASE MAKE SURE YOU SELECT THE CORRECT PDF FILE BEFORE CHANGING STATUS.*</u> d. Hit Save	You should print the proposal document to a PDF so that it becomes un-editable. Or, you may upload a scanned copy of the AVN-550/551.
03.	When you are ready to submit your response, click on Save and submit to CS review <u>YOU ARE DONE</u>	You will get an email saying the response was successfully submitted; the status must be changed to RFQ Response in CS Review by the due date and time posted in the solicitation.
04.	<u>WAIT</u> UNTIL A SELECTION NOTIFICATION IS SENT TO YOU	
05.	<u>AFTER SELECTION NOTIFICATION IS RECEIVED</u> Log in to view status of response. Once the scores are verified, TxDOT will move the response to an interview, selected or not selected status of which you can log in to see the status of your response.	The selection notification will refer users to eGrants to view the status of their response. User may also view the TxDOT website for selection information.

If you are not set up in eGrants and wish to respond to a posted solicitation, you may contact the aviation help desk for assistance by using the webform available at <https://form.jotform.com/62164883455160>

SOME ORGANIZATIONS WILL HAVE MANY USER MEMBERS. EACH ORGANIZATION SHOULD DETERMINE WHICH USER MEMBER WILL SUBMIT THE COMPLETED AVN-550/551 IN EGRANTS. AFTER THE OPPORTUNITY IS SELECTED FOR THE ORGANIZATION, IT WILL NO LONGER APPEAR ON ANY OTHER USER'S HOME PAGE UNLESS THE INITIATING USER CANCELS THE RESPONSE.

*If the responder posts the incorrect file.

- If status has been changed and the due date for the response has not expired, contact the help desk to ask for the status to be administratively changed back to Response in Process.
- If the incorrect file was posted, the incorrect file may be deleted and the correct one posted as long as the status has not been changed to Response in CS Review. Respondent will need to check the "delete" box and hit save. The page refreshes. Then post the correct file, save, and change the status.