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DRAUGHON-MILLER CENTRAL TEXAS REGIONAL AIRPORT
TxDOT CSJ No.
1914TMPLE

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

The City of Temple, 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 Temple; TxDOT CSJ No.: 1914TMPLE.
The TxDOT Project Manager is Steve Harp, P.E.
Scope: Provide engineering and design services, including construction administration, to

1. rehabilitate MIRL Runway 15/33;
2. rehabilitate MIRL Runway 2/20;
3. rehabilitate MITL Taxiway A;
4. rehabilitate MITL Taxiway B;
5. rehabilitate MITL Taxiway C;
6. rehabilitate MITL Taxiway D;
7. rehabilitate MITL Taxiway E;
8. rehabilitate MITL Taxiway F;
9. obliterate and paint new runway designation numbers 2/20 and 15/33;
10. paint non-precision markings for Runway 2/20 and;
11. replace runway and taxiway signs.

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 **4%.** 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 Draughon-Miller Central Texas Regional Airport may include the following: design/construct Runway 2/20 extension;
Taxiway D realignment.

The City of Temple 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 "Draughon-Miller Central Texas 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 November 12, 2019, 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 Anna Ramirez, Grant Manager. For technical questions, please contact Steve Harp, P.E. 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.]

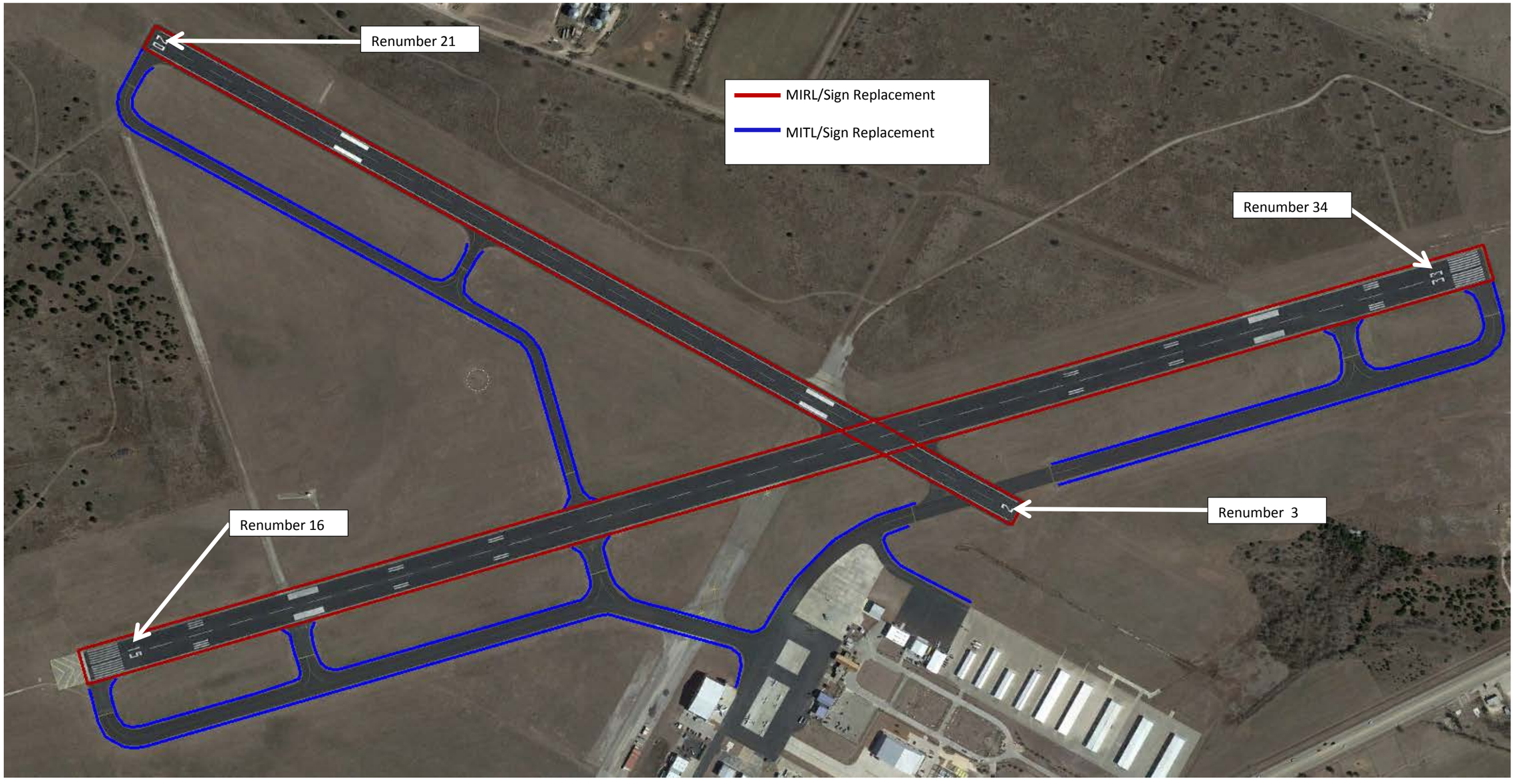
2. **Proposed technical approach (30 points)**
   Does the architect/engineer provide evidence of understanding of the project; and any unique architectural/engineering aspects associated with the proposed project and how to address them? [Sources of information: Proposed Technical Approach to Project, 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]

Draughon-Miller Central Texas Regional Airport

MIRL/MITL, Airfield Sign Replacement, and Runway Renumbering



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)		BRL 0'
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		
NONDIRECTIONAL BEACON (NDB)		

RUNWAY END COORDINATES AND ELEVATIONS			
RUNWAY END	LATITUDE	LONGITUDE	ELEVATION
EXISTING END OF RWY 15	31°09'35.97" N	97°24'43.78" W	682.3'
EXISTING END OF RWY 33	31°08'29.85" N	97°24'19.71" W	669.0'
EXISTING END OF RWY 02	31°08'51.86" N	97°24'34.09" W	674.4'
ULTIMATE END OF RWY 02	31°08'47.48" N	97°24'36.76" W	674.0'
EXISTING END OF RWY 20	31°09'33.43" N	97°24'08.81" W	665.1'

SEE IPASD FOR
THRESHOLD SITING SURFACE PENETRATIONS:
EXISTING LINE 3 400x1000x1500x8500
ULTIMATE LINE 4 400x3800x10000
AS DETERMINED FROM
REMOTE SENSED AERIAL PHOTOGRAPHY

AIRPORT DATA TABLE		
	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	682.3'	682.3'
AIRPORT NAVIGATION AIDS	ILS or LOC GPS, VOR	ILS or LOC GPS, VOR
MEAN MAX TEMP (Hottest Month °F)	95.7° F	95.7° F
AIRPORT REFERENCE CODE (ARC)	C–II	D–II
TAXIWAY MARKING	STD W/ ℄ REF	STD W/ ℄ REF
TAXIWAY LIGHTING	MITL	MITL
AIRPORT REFERENCE POINT COORDINATES	31°09'06.84" N 97°24'27.58" W	31°09'06.14" N 97°24'27.91" W

NOTES

FAA SITE NUMBER: 24895.*A

NPIAS SERVICE LEVEL AND NUMBER: GENERAL AVIATION (GA), NO. 48–0212

STATE EQUIVALENT SERVICE ROLE: BUSINESS CORPORATE (BC)

HORIZONTAL DATUM NAD 83 STATE PLANE, TEXAS CENTRAL FIPS 4203 SURVEY FEET; VERTICAL DATUM NAVD 88. DO NOT APPLY CORRECTION FACTOR.

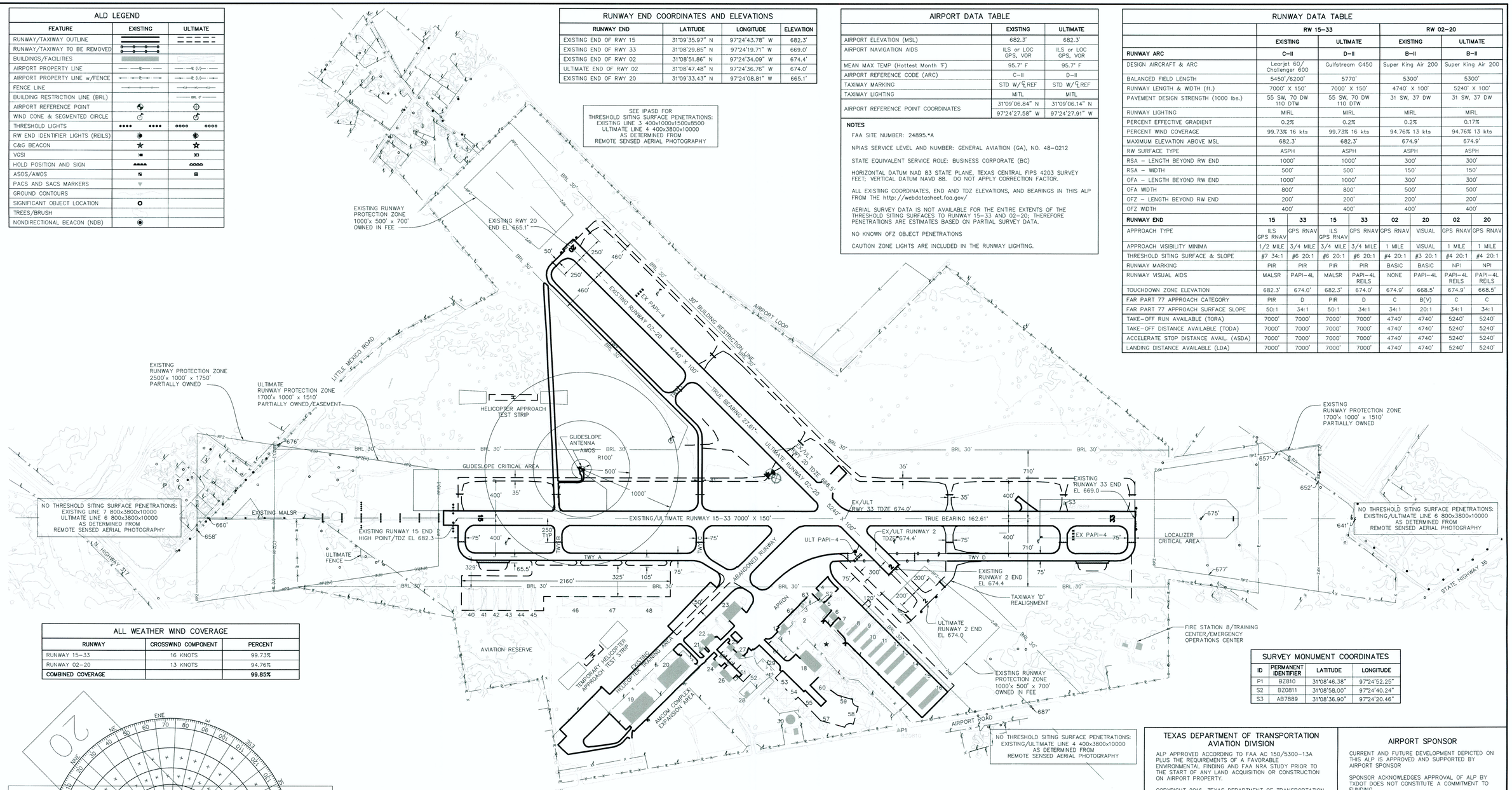
ALL EXISTING COORDINATES, END AND TDZ ELEVATIONS, AND BEARINGS IN THIS ALP FROM THE http://webdatasheet.faa.gov/

AERIAL SURVEY DATA IS NOT AVAILABLE FOR THE ENTIRE EXTENTS OF THE THRESHOLD SITING SURFACES TO RUNWAY 15–33 AND 02–20; THEREFORE PENETRATIONS ARE ESTIMATES BASED ON PARTIAL SURVEY DATA.

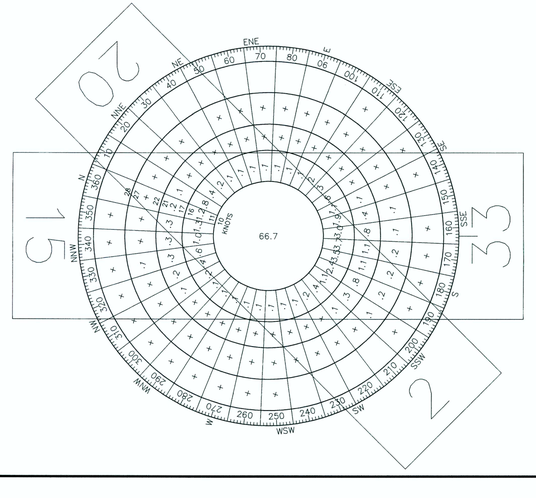
NO KNOWN OFZ OBJECT PENETRATIONS

CAUTION ZONE LIGHTS ARE INCLUDED IN THE RUNWAY LIGHTING.

RUNWAY DATA TABLE								
	RW 15–33				RW 02–20			
	EXISTING		ULTIMATE		EXISTING		ULTIMATE	
RUNWAY ARC	C–II		D–II		B–II		B–II	
DESIGN AIRCRAFT & ARC	Learjet 60/ Challenger 600		Gulfstream G450		Super King Air 200		Super King Air 200	
BALANCED FIELD LENGTH	5450'/6200'		5770'		5300'		5300'	
RUNWAY LENGTH & WIDTH (ft.)	7000' X 150'		7000' X 150'		4740' X 100'		5240' X 100'	
PAVEMENT DESIGN STRENGTH (1000 lbs.)	55 SW, 70 DW 110 DTW		55 SW, 70 DW 110 DTW		31 SW, 37 DW		31 SW, 37 DW	
RUNWAY LIGHTING	MIRL		MIRL		MIRL		MIRL	
PERCENT EFFECTIVE GRADIENT	0.2%		0.2%		0.2%		0.17%	
PERCENT WIND COVERAGE	99.73% 16 kts		99.73% 16 kts		94.76% 13 kts		94.76% 13 kts	
MAXIMUM ELEVATION ABOVE MSL	682.3'		682.3'		674.9'		674.9'	
RW SURFACE TYPE	ASPH		ASPH		ASPH		ASPH	
RSA – LENGTH BEYOND RW END	1000'		1000'		300'		300'	
RSA – WIDTH	500'		500'		150'		150'	
OFA – LENGTH BEYOND RW END	1000'		1000'		300'		300'	
OFA WIDTH	800'		800'		500'		500'	
OFZ – LENGTH BEYOND RW END	200'		200'		200'		200'	
OFZ WIDTH	400'		400'		400'		400'	
RUNWAY END	15	33	15	33	02	20	02	20
APPROACH TYPE	ILS GPS RNAV	GPS RNAV	ILS GPS RNAV	GPS RNAV	GPS RNAV	VISUAL	GPS RNAV	GPS RNAV
APPROACH VISIBILITY MINIMA	1/2 MILE	3/4 MILE	3/4 MILE	3/4 MILE	1 MILE	VISUAL	1 MILE	1 MILE
THRESHOLD SITING SURFACE & SLOPE	#7 34:1	#6 20:1	#6 20:1	#6 20:1	#4 20:1	#3 20:1	#4 20:1	#4 20:1
RUNWAY MARKING	PIR	PIR	PIR	PIR	BASIC	BASIC	NPI	NPI
RUNWAY VISUAL AIDS	MALSR	PAPI–4L	MALSR	PAPI–4L REILS	NONE	PAPI–4L	PAPI–4L REILS	PAPI–4L REILS
TOUCHDOWN ZONE ELEVATION	682.3'	674.0'	682.3'	674.0'	674.9'	668.5'	674.9'	668.5'
FAR PART 77 APPROACH CATEGORY	PIR	D	PIR	D	C	B(V)	C	C
FAR PART 77 APPROACH SURFACE SLOPE	50:1	34:1	50:1	34:1	34:1	20:1	34:1	34:1
TAKE–OFF RUN AVAILABLE (TORA)	7000'	7000'	7000'	7000'	4740'	4740'	5240'	5240'
TAKE–OFF DISTANCE AVAILABLE (TODA)	7000'	7000'	7000'	7000'	4740'	4740'	5240'	5240'
ACCELERATE STOP DISTANCE AVAIL. (ASDA)	7000'	7000'	7000'	7000'	4740'	4740'	5240'	5240'
LANDING DISTANCE AVAILABLE (LDA)	7000'	7000'	7000'	7000'	4740'	4740'	5240'	5240'



ALL WEATHER WIND COVERAGE		
RUNWAY	CROSSWIND COMPONENT	PERCENT
RUNWAY 15–33	16 KNOTS	99.73%
RUNWAY 02–20	13 KNOTS	94.76%
COMBINED COVERAGE		99.85%



SURVEY MONUMENT COORDINATES			
ID	PERMANENT IDENTIFIER	LATITUDE	LONGITUDE
P1	BZ810	31°08'46.38"	97°24'52.25"
S2	BZ0811	31°08'58.00"	97°24'40.24"
S3	AB7889	31°08'36.90"	97°24'20.46"

GENERAL NOTES

SURVEYED BY GEODETIX, INC., SAN ANTONIO, TX, FEBRUARY 19, 2015.

THE EXISTING HEIGHT HAZARD ZONING ORDINANCE FOR THIS AIRPORT WAS ADOPTED 26 JANUARY 1978. RWY 15–33 ZONED 6340' OTU PIA; RWY RW 2–20 ZONED 4800' OTU V.

NO OFZ OBJECT PENETRATIONS

WHERE APPLICABLE, ELEVATIONS ADJUSTED UPWARD 15' FOR PUBLIC ROADWAY, 17' FOR INTERSTATE HIGHWAY, 23' FOR RAILROADS

SEE TERMINAL AREA DRAWING, SHEET 6 OF 6 FOR LANDSIDE DEVELOPMENT DETAILS.

EXISTING TAXIWAYS ASSOCIATED WITH RUNWAY 15–33 HAVE A WIDTH OF 75', WHICH EXCEEDS THE TAXIWAY DESIGN GROUP (TDG) 2 DESIGN STANDARD OF 35 FEET.

THE ULTIMATE TAXIWAY 'D' REALIGNMENT PROJECT WIDTH OF 75' FOR RUNWAY 02–20 EXCEEDS THE DESIGN STANDARD FOR BII.

TXDOT APPROVAL OF THE ALP DOES NOT CONSTITUTE A COMMITMENT TO FUNDING FOR CONSTRUCTION OF THE RUNWAY EXTENSION, THE DEPICTION IS FOR PLANNING PURPOSES ONLY.

FAA AERONAUTICAL STUDY NO.
2016–ASW–4257–NRA

MAGNETIC NORTH
TRUE NORTH

MAGNETIC DECLINATION
3° 55' E (SEPTEMBER 2015)
ANNUAL RATE OF CHANGE
0° 7' W (SEPTEMBER 2015)

0 250 500 1000
GRAPHIC SCALE

NO.	REVISIONS	BY	CHK'D	DATE

TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION

ALP APPROVED ACCORDING TO FAA AC 150/5300–13A 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.

COPYRIGHT 2016, TEXAS DEPARTMENT OF TRANSPORTATION

DAVID FULTON, DIRECTOR, AVIATION DIVISION — DATE 2/21/17

AIRPORT SPONSOR

CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR

SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO FUNDING.

SIGNATURE — DATE 2-15-17

Airport Director
TITLE, AIRPORT SPONSOR'S REPRESENTATIVE

PREPARED BY:
TXDOT AVIATION DIV.

DESIGNED BY CP — DATE AUGUST 2016

DRAWN BY DH — DATE AUGUST 2016

AIRPORT LAYOUT DRAWING
DRAUGHON–MILLER CENTRAL TEXAS RGNL
TEMPLE, TEXAS (TPL)

Texas Department of Transportation
Aviation Division

SHEET 1 OF 6

Coffman Associates R:\CAD\Hopkins0\MP\Temple\ALP\TEMPLE_ALD_2016.DWG Printed Date: 1-26-17 11:07:58 AM dprzybycien

Instructions for Responding to a Solicitation in eGrants

TxDOT Aviation eGrants webpage: https://apps2.dot.state.tx.us/apps/egrants2/logout2.aspx eGrants help desk Monday –Friday 8AM – 5PM **1-800-687-4568**	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

STEP	ACTION(S)	NOTES
	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	
01.	Go to View Opportunities. a. Select **Apply Now** 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 **PLEASE MAKE SURE YOU SELECT THE CORRECT PDF FILE BEFORE CHANGING STATUS**.* 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 **YOU ARE DONE**	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.	**WAIT** UNTIL A SELECTION NOTIFICATION IS SENT TO YOU	
05.	**AFTER SELECTION NOTIFICATION IS RECEIVED** 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 adminstratively 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.