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LLANO MUNICIPAL AIRPORT
TxDOT CSJ No. 2114LLANO

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

The City of Llano, 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 Llano; TxDOT CSJ No.: 2114LLANO. The TxDOT Project Manager is Paul Slusser.

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

1. Replace RW 17-35 Medium Intensity Runway Lights (MIRL)
2. Install Precision Approach Path Indicators - 2 (PAPI-2)
3. Replace Lighted Windcone and Segmented Circle
4. Replace RW & TW Airfield Signage

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 9%. The goal will be re-set for the construction phase.

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 "Llano Municipal 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, 1-800-68-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 letter 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 August 10, 2021, 11:59 p.m. 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 Aviation Division staff. 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 1-800-68-

For technical questions, please contact Paul Slusser, 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]

LLANO MUNI AIRPORT

Llano, TX (AQO)

2000 ft



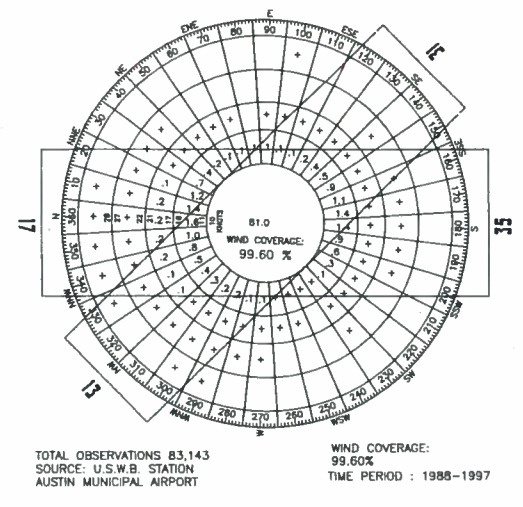
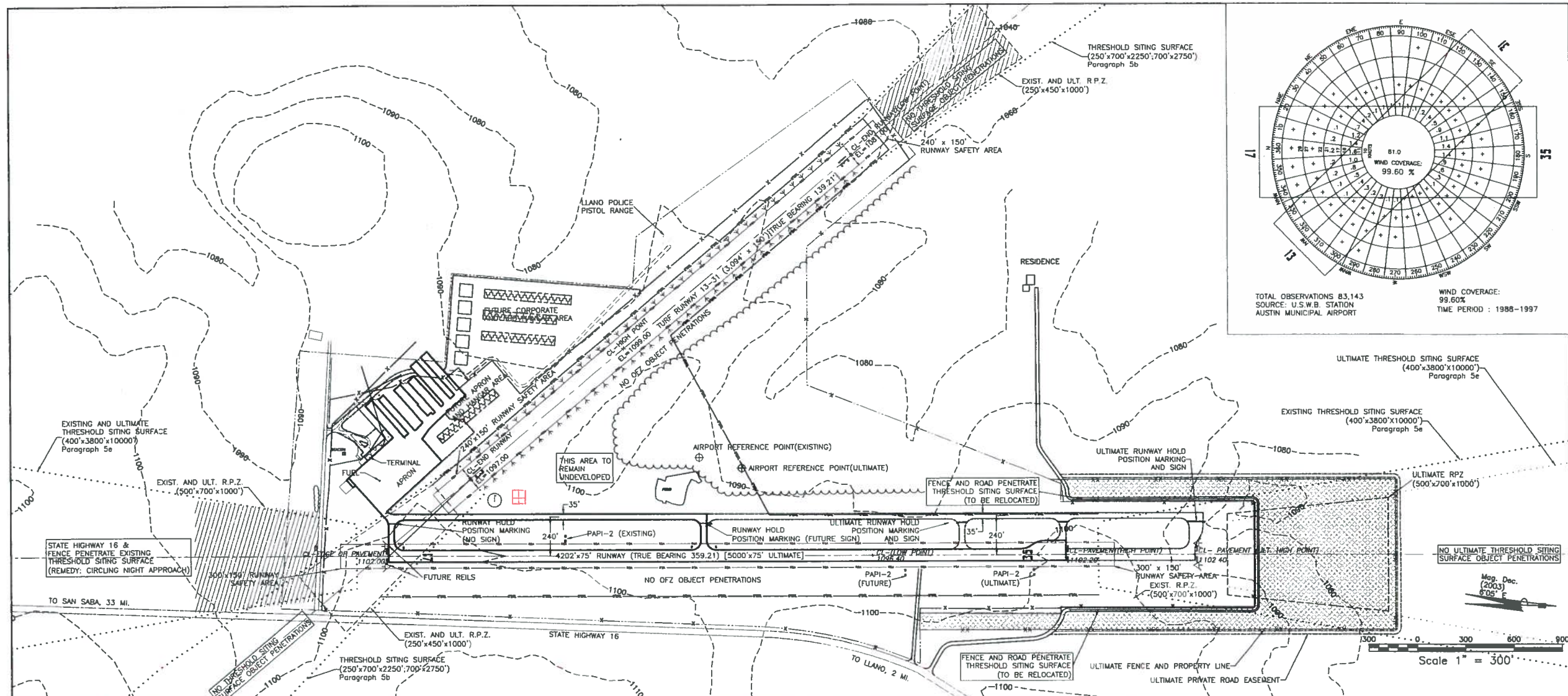
Replace Lighted
Windcone &
Segmented Circle

Install PAPI-2
Runway 17

Replace MIRLs

Install PAPI-2
Runway 35

Replace RW & TW
Airfield Signage



RUNWAY END COORDINATE AND ELEVATION TABLE				
RUNWAY END DESIGNATION	LATITUDE AND LONGITUDE		ELEVATION	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
RUNWAY 17	30°47'22.22"	30°47'22.22"	1102.0	1102.0
	98°39'43.64"	98°39'43.64"		
RUNWAY 35	30°46'40.64"	30°46'32.738"	1102.2	1102.2
	98°39'42.99"	98°39'42.855"		
RUNWAY 13	30°47'28.602"	30°47'28.602"	1097.0	1097.0
	98°39'16.026"	98°39'16.026"		
RUNWAY 31	30°46'55.98"	30°46'55.98"	±1081.0	±1081.0
	98°39'16.08"	98°39'16.08"		

AIRPORT DATA		
ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE	B-II	B-1
ARP COORDINATES	LAT. 30°47'05.612" N LON. 98°39'31.746" W	LAT. 30°47'02.759" N LON. 98°39'32.848" W
AIRPORT ELEVATION	1102.2 MSL	1102.2 MSL
TEMPERATURE - HOTTEST MONTH	97° F.	97° F.
AIRPORT NAVIGATION AIDS	VOR/GPS	VOR/GPS
AIRPORT LANDING AIDS	PAPI	PAPI/REIL
WIND COVERAGE	99.6%	99.6%
TAXIWAY LIGHTING	PARTIAL PARALLEL	FULL PARALLEL

LEGEND	EXISTING	ULTIMATE
AIRPORT PROPERTY LINE	---	XX
BUILDING RESTRICTION LINE (0' BLD. HEIGHT)	---	---
RUNWAY PROTECTION ZONE	---	---
AIRPORT REFERENCE POINT (ARP)	⊕	⊕
GROUND CONTOURS	---	---
ROTATING BEACON	⊙	⊙
SEGMENTED CIRCLE & WIND CONE	⊙	⊙
FENCE	---	XX
PAVED AREAS	---	---
AIRPORT BUILDINGS	---	---
PRECISION APPROACH PATH INDICATOR (PAPI)	==	==
RUNWAY END IDENTIFIER LIGHT SYSTEM	---	---
TURF RUNWAY	---	---
RUNWAY SAFETY AREA	---	---
REMOVE FACILITY	---	---
RUNWAY THRESHOLD LIGHTS	---	---
THRESHOLD SITING SURFACE	---	---
HOLD MARKINGS	---	---
HOLD SIGNS	---	---
AVIATION EASEMENT	---	---
PROPERTY TO BE ACQUIRED	---	---
TREE LINE (APPROXIMATE LOCATIONS)	---	---

ITEM	RUNWAY 17/35		RUNWAY 13/31	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
APPROACH VISIBILITY MINIMUMS	1MI.	1MI.	V - V	V - V
RUNWAY LENGTH	4,202	5,000	3,094	3,094
RUNWAY WIDTH	75	150	150	150
EFFECTIVE GRADIENT	0.19%	0.16%	N/A	N/A
PAVEMENT STRENGTH (SGL WHEEL)	12,500 LBS.	30,000 LBS.	N/A	N/A
PAVEMENT STRENGTH (DUAL WHEEL)	N/A	N/A	N/A	N/A
PAVEMENT TYPE	ASPHALTIC CONC.	ASPHALTIC CONC.	TURF	TURF
LIGHTING: RUNWAY	M.I.T.L.	M.I.T.L.	NONE	NONE
LIGHTING: TAXIWAY	NONE	M.I.T.L.	NONE	NONE
MARKING: RUNWAY	NON-PRECISION	NON-PRECISION	NONE	NONE
MARKING: TAXIWAY	BASIC	BASIC	NA/TURF	NA/TURF
VISUAL APPROACH AIDS	PAPI/NONE	PAPI/REIL	NONE	NONE
APPROACH SLOPE	R/W 17: 20:1 R/W 35: 20:1	R/W 17: 34:1 R/W 35: 34:1	R/W 13: 20:1 R/W 31: 20:1	R/W 13: 20:1 R/W 31: 20:1
CRITICAL AIRCRAFT	BEECH KING AIR	BEECH SUPER KING AIR	CESSNA 172	CESSNA 172
WIND COVERAGE	10.5 KNOTS: 99.1% 13.0 KNOTS: 99.1%	10.5 KNOTS: 97.2% 13.0 KNOTS: 99.1%	10.5 KNOTS: 92.9%	10.5 KNOTS: 92.9%
DFA WIDTH	500	500	250	250
DFA LENGTH BEYOND RUNWAY END	300	300	240	240
OFZ LENGTH x WIDTH	4602 x 400	5400 x 400	3,494 x 250	3,494 x 250
RSA WIDTH	150	150	150	150
RSA LENGTH BEYOND RUNWAY END	300	300	240	240
TORA, TODA, LDA	4202	5000	3,094	3,094
ACCELERATE-STOP DIST. AVAIL. (ASDA)	4202	5000	3,094	3,094
RUNWAY HIGH POINT	1102.20	1102.20	1102.2	1102.2
RUNWAY LOW POINT	1094.88	1094.88	1081	1081
RUNWAY END ELEVATION	1102.00/1102.20	1102.00/1102.40	1097.2/1081±	1097.2/1081±
TOUCHDOWN ZONE ELEVATION	1102.00/1102.20	1102.00/1102.40	1098/1092	1095/1092
RUNWAY LOW POINT	1096.40	1096.40	1081	1081

NO.	REVISIONS	BY	CHK'D	DATE
1	Add AWOS	WV	WV	5/11/17

TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION		AIRPORT SPONSOR	
<input type="checkbox"/> ALP APPROVED ACCORDING TO FAA AC 150/5300-13 CH B PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION AND AN FAA FORM 7460-1 SUBMITTED PRIOR TO ANY CONSTRUCTION ON AIRPORT PROPERTY		CURRENT AND FUTURE DEVELOPMENT DEPICED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR	
<input type="checkbox"/> ALP APPROVED ACCORDING TO FAA AC 150/5300-13 CH B PLUS THE CONDITIONS/COMMENTS IN LETTER DATED:		TITLE, AIRPORT SPONSOR'S REPRESENTATIVE: <i>[Signature]</i> DATE: 12-27-2005	

PREPARED BY: **Smith-Western Engineering, Inc.**
 401 W. 6th Street, Suite D Georgetown, Texas 78626
 Phone: (512) 869-1168 Fax: (512) 869-1968
 E-MAIL: info@smithwestern.com

DESIGNED BY	PS	DATE	03/24/2005
DRAWN BY	MW/TO	DATE	03/24/2005
CHECKED BY	PS	DATE	03/24/2005

AIRPORT LAYOUT DRAWING
LLANO MUNICIPAL AIRPORT
LLANO, TX

SHEET J OF S

ALL DIMENSIONS ARE IN U.S. FEET
 THE AIRPORT DATA SHEET IS A SUMMARY OF THE INFORMATION PROVIDED BY THE AIRPORT SPONSOR AND IS NOT A SUBSTITUTE FOR THE ORIGINAL DRAWINGS AND SPECIFICATIONS.
 THE DATA REPRESENTED HERE FOR RUNWAY 13 IS CORRECTED TO THE DATA IN THE AIRPORT LAYOUT DRAWING.
 COORDINATES FOR RUNWAY 13, THE AIRPORT REFERENCE POINT AND ULTIMATE RUNWAY 20 WERE CALCULATED USING GEODESIC.
 THE ELEVATION DATA PROVIDED IN THE AIRPORT LAYOUT DRAWING IS NOT CORRECTED TO THE AIRPORT REFERENCE POINT. THE AIRPORT REFERENCE POINT IS THE POINT OF INTERSECTION OF THE CENTERLINE OF RUNWAY 17 AND THE CENTERLINE OF RUNWAY 35. THE ELEVATION DATA IS THE ELEVATION OF THE POINT OF INTERSECTION OF THE CENTERLINE OF RUNWAY 17 AND THE CENTERLINE OF RUNWAY 35. THE ELEVATION DATA IS THE ELEVATION OF THE POINT OF INTERSECTION OF THE CENTERLINE OF RUNWAY 17 AND THE CENTERLINE OF RUNWAY 35.



Instructions for Responding to an RFQ Solicitation

Aviation Division

eGrants Workflow:	RFQ Response
eGrants Role:	Subgrantee Administrator (SA) Subgrantee Staff (SS)
eGrants link	https://apps2.dot.state.tx.us/apps/egrants2/logout2.aspx
eGrants help:	eGrants help desk Monday – Friday 8AM – 4PM CD/ST (excluding state/federal holidays) avn-egrantshelp@txdot.gov or 1-800-687-4568

STEP	ROLE	ACTIONS	NOTES
01	SA	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	SA/SS	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	SA	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	SA/SS	<u>WAIT</u> UNTIL A SELECTION NOTIFICATION IS SENT TO YOU	
05	SS/SA	<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 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.

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 [eGrants Help Desk Form](#)

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.