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ORANGE COUNTY AIRPORT
TxDOT SOLICITATION No.: RFQ-22ALORANG-00059

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<http://www.txdot.gov/inside-txdot/division/aviation/projects.html>

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

The Orange County through its agent, the Texas Department of Transportation (TxDOT), intends to engage a qualified firm for services. This solicitation is subject to 49 U.S.C. §47107(a)(17) and will be administered in the same manner as a solicitation conducted under Chapter 2254, Subchapter A, of the Texas Government Code. TxDOT Aviation Division will solicit and receive qualification statements for professional services as described below:

Airport Sponsor: Orange County, Orange County Airport; TxDOT CSJ/Project No.: 22ALORANG. The TxDOT Project Manager is Enyu Li.

Scope: ALP with Narrative and Drainage Study

1. Prepare an ALP with Narrative consistent with the most current FAA Advisory Circulars and Standard Operating Procedures.
2. Establish phased, attainable goals for airport improvements and development based on a forecast for aviation demand and current and future critical aircraft; and
3. Develop and adopt into local zoning airport height hazard protection and airport land use compatibility measures, including associated maps, to ensure the protection of the public investment in the airport.
4. Conduct a drainage study to
 - Identify infrastructure and facilities to accommodate existing and planned development on the airport in order to mitigate the adverse impacts of and manage stormwater quality and quantity.
 - Identify relevant design criteria (local, regional, FEMA, and FAA, among others as applicable), existing conditions, planned development within and adjacent to the study area, a drainage plan, alternatives, and recommendations; and
5. Develop a Capital Improvement Plan, including a recommended phasing plan and financial overview that considers local, state, federal, and alternative funding sources.

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 is set at 0%.

To assist in your qualification statement preparation the criteria and most recent Airport Layout Plan are available online at

<http://www.dot.state.tx.us/avn/avninfo/notice/consult/index.html> by selecting “Orange County Airport.”

AVN-551D Preparation Instructions:

Interested firms shall utilize the latest version of Form AVN-551D, titled “Qualifications for Aviation Planning and Drainage Study 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-551D template. The AVN-551D consists of eight pages of data plus one optional illustration page. A prime provider may only submit one AVN-551D. If a prime provider submits more than one AVN-551D, or submits a cover letter with the AVN-551D, 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-551D, firms are encouraged to download Form AVN-551D from the TxDOT website as addressed above. Utilization of Form AVN-551D from a previous download may not be the exact same format. Form AVN-551D is a PDF Template.

The completed Form AVN-551D must be received in the TxDOT Aviation eGrants system no later than November 15, 2022, 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>

Instructions on how to respond to a solicitation in eGrants are 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.html>.

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-551Ds. The committee will review all AVN-551Ds and rate and rank each. The evaluation criteria for airport planning projects 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. 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 Noemi Rios, Grant Manager. For technical questions please contact Enyu Li, 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 AIRPORT PLANNING AND DRAINAGE STUDY QUALIFICATIONS

The following criteria will generally be used in evaluating consultants submitting qualifications; however, the Consultant Selection Committee may develop additional consultant evaluation criteria and point values, if desired. The Consultant Selection Committee should assign points to be used for the Consultant Rating Sheet if they do not use the suggested point values. The TxDOT Project Manager can assist the Selection Committee in interpreting the criteria and establishing point values for each criterion, if necessary.

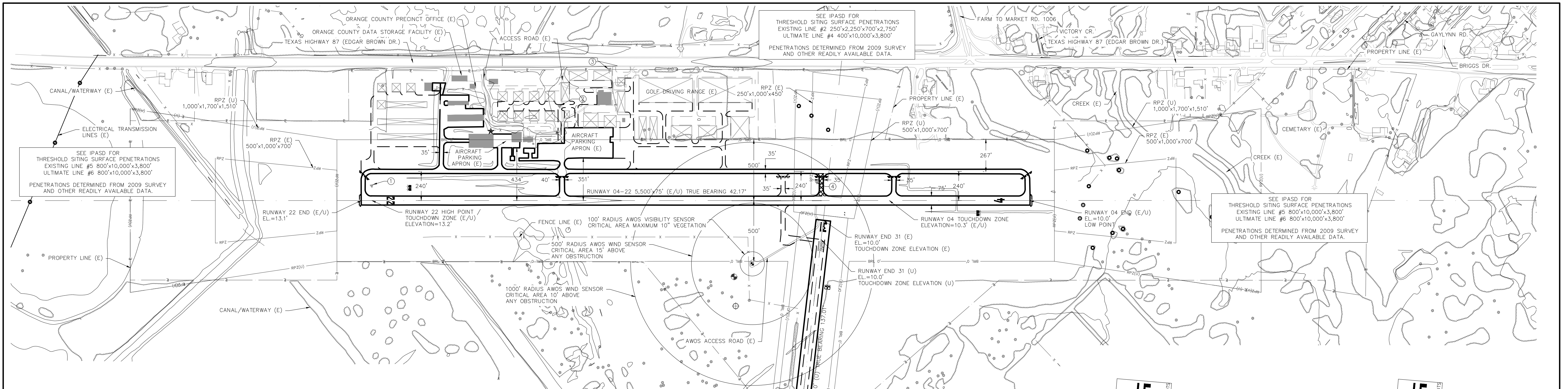
Suggested Point Values and Selection Criteria

1. **Capability to perform all of the services required for this project and professional qualifications of key personnel assigned to this project relevant to the work to be performed.** (25 points)
Does the consultant have the necessary resources to perform all of the services required (e.g.: planning, surveying, CAD, etc.)? Who are the professionals that will be working on this project on a daily basis and how do their qualifications and experience with general aviation airport planning and drainage study projects compare with other respondents? [Sources of information: Aviation Planning Team Form, Recent Relevant Airport Experience Form, Proposed Technical Approach Form, and possibly the Optional Summary.]
2. **Recent experience, within the last ten years, in the development of airport plans and drainage studies comparable to the proposed project.** (25 points)
Does the consultant have direct experience developing general aviation airport plans and drainage studies similar to those proposed for this location? [Sources of information: Aviation Planning Team Form, Recent Relevant Airport Experience Form, and possibly the Optional Summary.]
3. **Ability to meet the schedules and deadlines of this project and reputation for competence, timeliness, and quality of performance and work product.** (25 points)
Does the proposed planning and engineering team have sufficient time to devote to this project in order to meet the schedule submitted in the qualifications? Is the proposed schedule realistic? Does the consultant consistently meet contractual timetables? Has the work performed for other airports been satisfactory? [Sources of information: Aviation Planning Team Form, Recent Relevant Airport Experience Form, Project Schedule Form, possibly the Optional Summary, and reference check.]

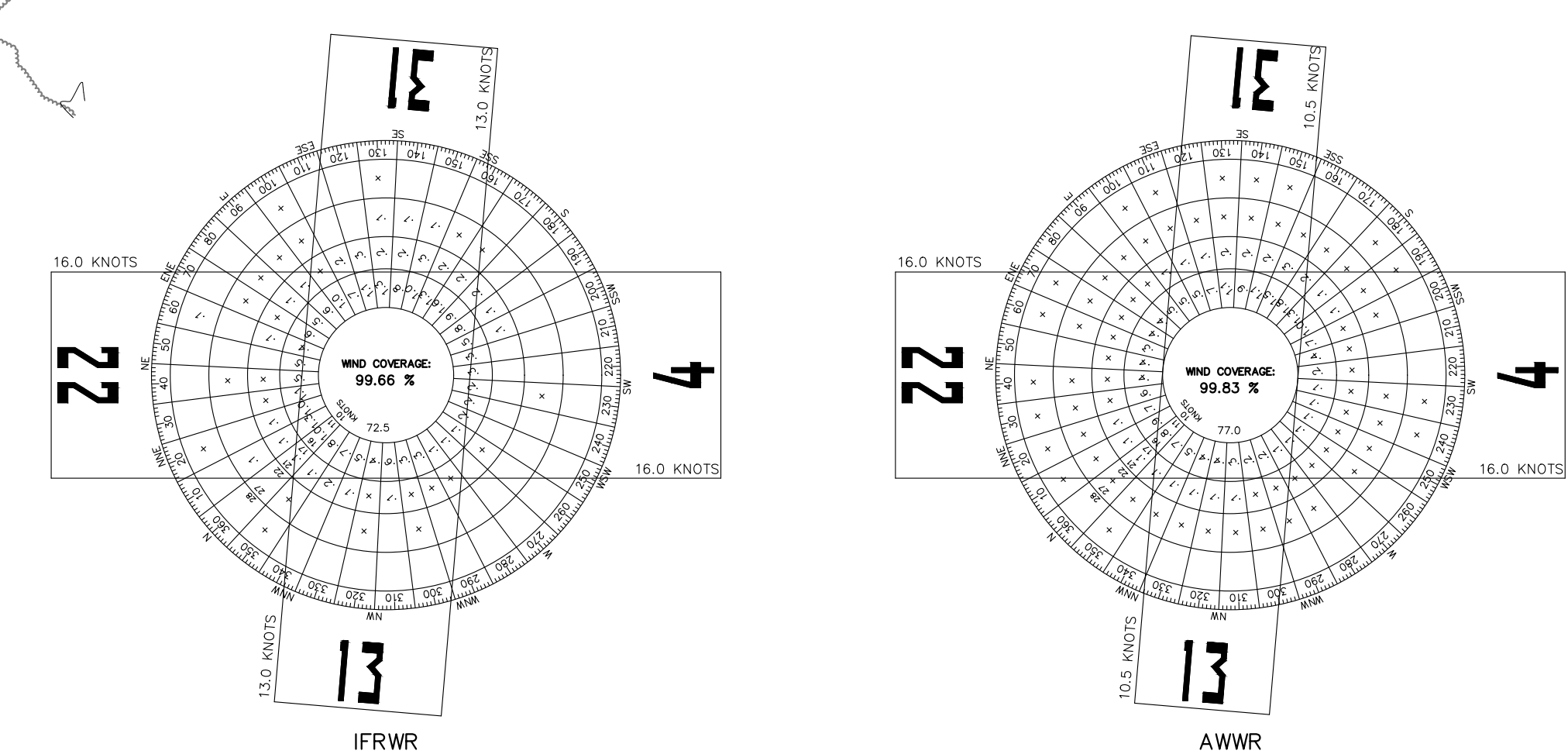
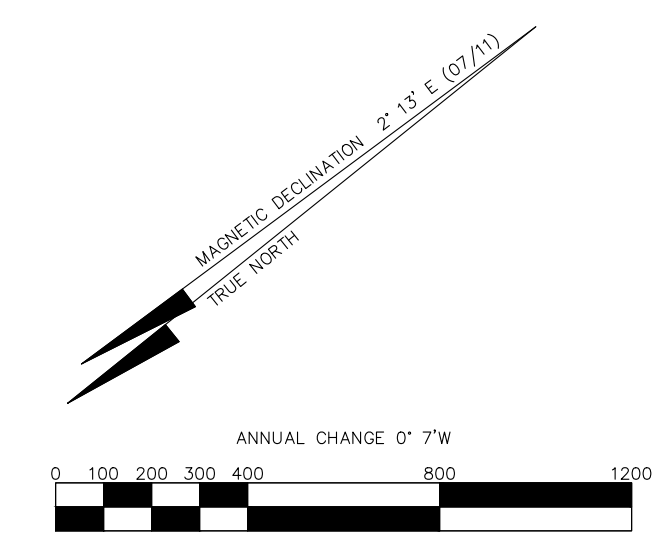
4. Proposed Technical Approach and Schedule to Accomplish the Project. (25 points)

Does the consultant show specific understanding and familiarity with the particular requirements of this project and how to address them? Is the consultant familiar with relevant planning and engineering? Is the schedule appropriate to accomplish the project?

[Sources of information: Proposed Technical Approach Form, Proposed Schedule Form, and possibly the Optional Summary.]



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	---	---



RUNWAY DATA TABLE								
	RW 04-22		RW 13-31		RW 04		RW 13	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
RUNWAY ARC	B-II	B-II	A-I	B-I				
DESIGN AIRCRAFT & ARC	FALCON 50 (B-II)	FALCON 50 (B-II)	CESSNA 172 (A-I)	BEECH BARON (B-I)				
BALANCED FIELD LENGTH	4715'	4715'	1500'	2300'				
RUNWAY LENGTH & WIDTH (ft.)	5500' X 75'	5500' X 75'	3145' X 120'	3700' X 60'				
PAVEMENT DESIGN STRENGTH (1000 lbs.)	27 SW	60 DW	N/A	12.5 SW				
RUNWAY LIGHTING	MIRL	MIRL	NONE	MIRL				
PERCENT EFFECTIVE GRADIENT	0.10%	0.10%	0.20%	0.20%				
PERCENT WIND COVERAGE	93.83% 13 kts	93.83% 13 kts	91.90% 10.5 kts	96.40% 13 kts				
MAXIMUM ELEVATION ABOVE MSL	13.2'	13.2'	10.0'	10.0'				
RW SURFACE TYPE	ASPH	ASPH	TURF	ASPH				
RSA - LENGTH BEYOND RW END	300'	300'	240'	240'				
RSA - WIDTH	150'	150'	120'	120'				
OFA - LENGTH BEYOND RW END	300'	300'	240'	240'				
OFA WIDTH	500'	500'	250'	400'				
OFZ - LENGTH BEYOND RW END	200'	200'	200'	200'				
OFZ WIDTH	400'	400'	250'	400'				
RUNWAY END	04	22	04	22	13	31	13	31
APPROACH TYPE	VISUAL	GPS-LPV VOR-DME	GPS-LPV VOR-DME	GPS-LPV VOR-DME	VISUAL	VISUAL	GPS-LPV	GPS-LPV
APPROACH VISIBILITY MINIMA	VISUAL	1 MILE	3/4 MILE	3/4 MILE	VISUAL	VISUAL	1 MILE	1 MILE
THRESHOLD SITING SURFACE & SLOPE	#5 20:1	#5 20:1	#6 20:1	#6 20:1	#2 20:1	#2 20:1	#4 20:1	#4 20:1
RUNWAY MARKING	NPI	NPI	NPI	NPI	NONE	NONE	NPI	NPI
RUNWAY VISUAL AIDS	PAPI	PAPI	PAPI	PAPI	NONE	NONE	PAPI	PAPI
TOUCHDOWN ZONE ELEVATION	10.3'	13.2'	10.3'	13.2'	10.0'	10.0'	10.0'	10.0'
FAR PART 77 APPROACH CATEGORY	B(V)	C	D	D	A(V)	A(V)	A(NP)	A(NP)
FAR PART 77 APPROACH SURFACE SLOPE	20:1	34:1	34:1	34:1	20:1	20:1	20:1	20:1
TAKE-OFF RUN AVAILABLE (TORA)	5500'	5500'	5500'	5500'	3145'	3145'	3700'	3700'
TAKE-OFF DISTANCE AVAILABLE (TODA)	5500'	5500'	5500'	5500'	3145'	3145'	3700'	3700'
ACCELERATE STOP DISTANCE AVAIL. (ASDA)	5500'	5500'	5500'	5500'	3145'	3145'	3700'	3700'
LANDING DISTANCE AVAILABLE (LDA)	5500'	5500'	5500'	5500'	3145'	3145'	3700'	3700'

BUILDING TABLE				
SEE TERMINAL AREA DRAWING				
AIRFIELD MONUMENTS				
NO.	TYPE	DESIGNATION	LAT.	LONG.
1	SACS	ORG A	30°04'23.71" N	93°47'46.13" W
2	SACS	J 1037	30°04'08.04" N	93°47'52.43" W
3	SACS	K 1037	30°04'03.00" N	93°47'53.00" W
4	PACS	ORPORT	30°03'56.67" N	93°48'13.85" W

IFR WIND ROSE ANALYSIS		
RUNWAY	WIND VELOCITY	VFR WIND COVERAGE
RUNWAY 04-22	16.0 KNOTS	97.14%
RUNWAY 13-31	13.0 KNOTS	95.68%
COMBINED COVERAGE		99.66%

ALL WEATHER WIND ROSE ANALYSIS		
RUNWAY	WIND VELOCITY	VFR WIND COVERAGE
RUNWAY 04-22	16.0 KNOTS	98.56%
RUNWAY 13-31	10.5 KNOTS	91.90%
COMBINED COVERAGE		99.83%

AIRPORT DATA TABLE		
	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	13.2'	13.2'
AIRPORT NAVIGATION AIDS	GPS-LPV/VOR-DME	GPS-LPV/VOR-DME
MEAN MAX TEMP (Hottest Month °F)	92°F	92°F
AIRPORT REFERENCE CODE (ARC)	B-II	B-II
TAXIWAY MARKING	STD W/REF	STD W/REF
TAXIWAY LIGHTING	MITL	MITL
AIRPORT REFERENCE POINT COORDINATES	30°04'06.83" N 93°48'15.21" W	30°04'08.33" N 93°48'17.34" W

NOTES
 DATUM COORDINATE SYSTEMS - HORIZONTAL DATUM NAD 1983 (STATE PLAN ZONE 3 - TEXAS CENTRAL (FIPS 4203)); VERTICAL DATUM NAVD88.
 NO OFZ OBJECT PENETRATIONS
 A VERTICALLY-GUIDED SURVEY MEETING ALL THE REQUIREMENTS OF FAA ADVISORY CIRCULARS 150/5300-16, 17, AND 18 WAS NOT COMPLETED AS A PART OF THIS PROJECT.

RUNWAY END COORDINATES AND ELEVATIONS			
RUNWAY END	LATITUDE	LONGITUDE	ELEVATION
EXISTING END OF RWY 04	30°03'44.81" N	93°48'28.51" W	10.0'
EXISTING END OF RWY 22	30°04'25.16" N	93°47'46.49" W	13.1'
EXISTING END OF RWY 13	30°04'21.74" N	93°48'40.48" W	10.0'
EXISTING END OF RWY 31	30°03'58.36" N	93°48'16.90" W	10.0'
ULTIMATE END OF RWY 13	30°04'27.08" N	93°48'45.86" W	10.0'
ULTIMATE END OF RWY 31	30°03'59.54" N	93°48'18.09" W	10.0'

REVISION 1 - ADD 80' X 80' HANGAR NEXT TO TERMINAL BUILDING. MAY 2017 - TXDOT MACKE

TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION ALP APPROVED ACCORDING TO FAA AC 150/5300-13 CHANGE 17 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 2011 TXDOT AVIATION DIVISION, ALL RIGHTS RESERVED.		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.	
DAVID FULTON, DIRECTOR, AVIATION DIVISION	DATE	SIGNATURE	DATE
PREPARED BY: GARVER		P. HAVENAR DESIGNED BY J. HENDERSON DRAWN BY	
3010 GAYLORD PKWY, #190 FRISCO, TX 75034 (972) 377-7480 (972) 377-8380 FAX		MAY 3, 2012 DATE MAY 3, 2012 DATE	

AIRPORT LAYOUT DRAWING
ORANGE COUNTY AIRPORT
ORANGE, TEXAS (ORG)

Texas Department of Transportation
Aviation Division
SHEET 1 OF 8



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	<p>Go to View Opportunities.</p> <ol style="list-style-type: none"> Select Apply Now to the opportunity The RFQ Response Menu is opened 	<p>Very important to click on the name of the document and not the organization name</p> <p>Make a note of the opportunity due date to ensure you respond in time</p>
02	SA/SS	<p>Click on View, Edit and Complete Forms</p> <ol style="list-style-type: none"> Select RFQ Applicant Form Confirm Project information and address Upload AVN-550 or 551 <u>PLEASE MAKE SURE YOU SELECT THE CORRECT PDF FILE BEFORE CHANGING STATUS.*</u> Hit Save 	<p>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.</p>
03	SA	<p>When you are ready to submit your response, click on Save and submit to CS review <u>YOU ARE DONE</u></p>	<p>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.</p>
04	SA/SS	<p><u>WAIT</u> UNTIL A SELECTION NOTIFICATION IS SENT TO YOU</p>	
05	SS/SA	<p><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.</p>	<p>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.</p>

*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.