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**TxDOT SOLICITATION No.: RFQ-2223BRADY-00045**

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

City of Brady, 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 Brady; TxDOT CSJ/Project ID: 2223BRADY.

The TxDOT Project Manager is Ed Mayle.

Scope: Provide engineering and design services, including construction administration, to construct drainage improvements.

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 0%. 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 "Curtis Field." 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 **May 25, 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>

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 1-800-68-PILOT (74568). For procedural questions, please contact Brenda Flores-Dollar, 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](mailto: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.]

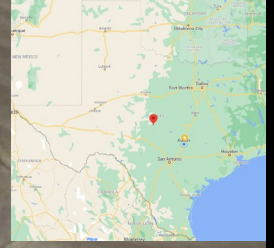
**4. Construction Management Experience (20 points)**

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]

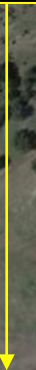
# Curtis Field (BBD)

Brady, TX

1000 ft

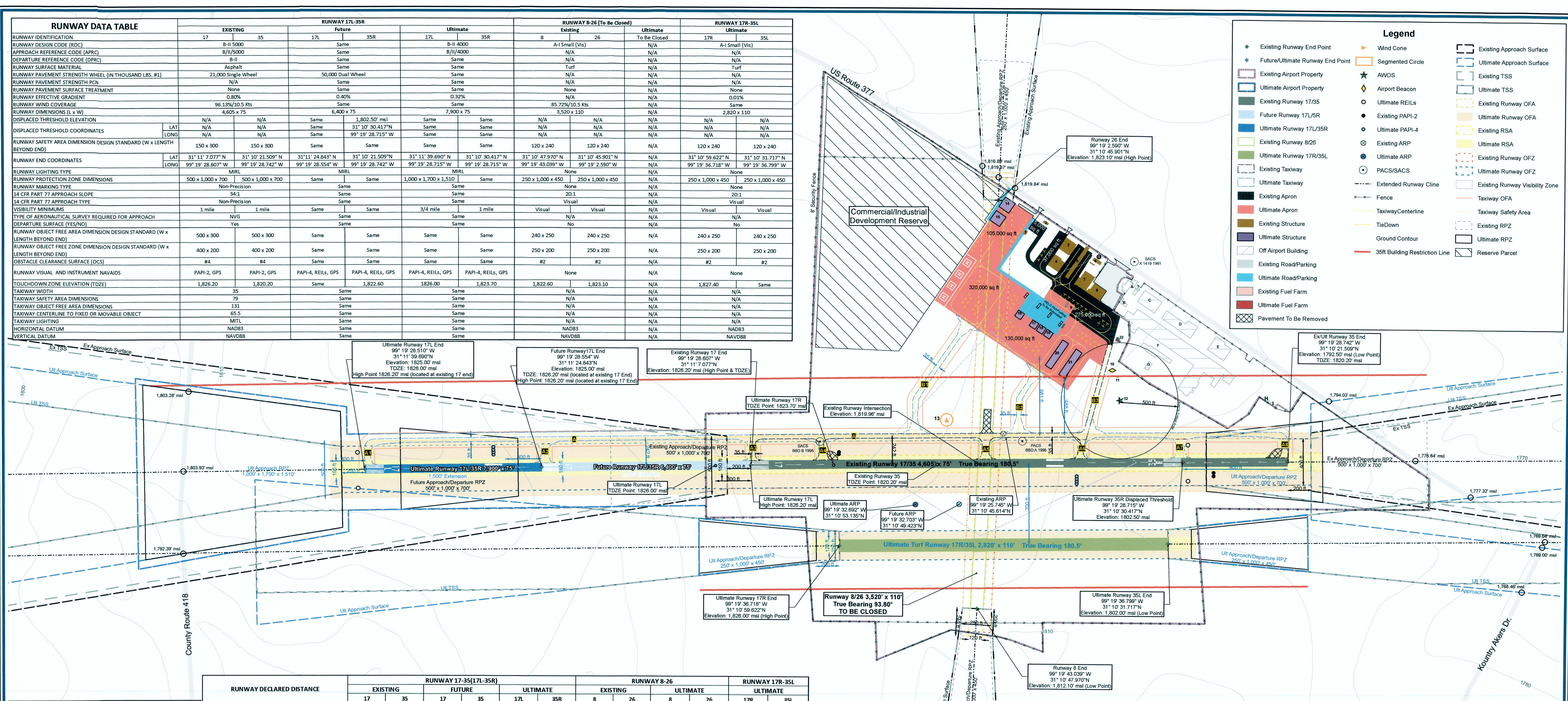


Construct Drainage Improvement



Brady NDB BBD 380

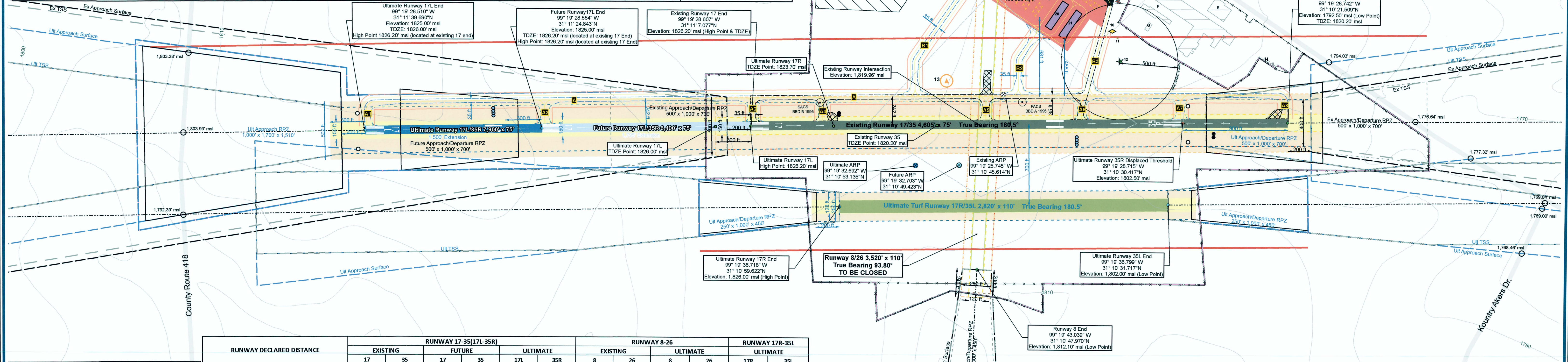
Curtis Field-Bbd Curtis Field-Bbd



RUNWAY IDENTIFICATION	RUNWAY 17L-35R				RUNWAY 8-26 (To Be Closed)				RUNWAY 17R-35L	
	17	35	17L	35R	8	26	To Be Closed	17R	35L	
RUNWAY DESIGN CODE (RDC)	B-II/5000	B-II/5000	B-II/5000	B-II/5000	A-I Small (Vis)	A-I Small (Vis)	To Be Closed	A-I Small (Vis)	A-I Small (Vis)	
APPROACH REFERENCE CODE (APRC)	Same	Same	Same	Same	N/A	N/A	To Be Closed	N/A	N/A	
DEPARTURE REFERENCE CODE (DPRC)	Same	Same	Same	Same	N/A	N/A	To Be Closed	N/A	N/A	
RUNWAY SURFACE MATERIAL	Asphalt	Asphalt	Asphalt	Asphalt	Turf	Turf	To Be Closed	Turf	Turf	
RUNWAY PAVEMENT STRENGTH WHEEL (IN THOUSAND LBS. #1)	21,000 Single Wheel	21,000 Single Wheel	50,000 Dual Wheel	50,000 Dual Wheel	N/A	N/A	To Be Closed	N/A	N/A	
RUNWAY PAVEMENT STRENGTH PCN	N/A	N/A	Same	Same	N/A	N/A	To Be Closed	N/A	N/A	
RUNWAY PAVEMENT SURFACE TREATMENT	None	None	Same	Same	None	None	To Be Closed	None	None	
RUNWAY EFFECTIVE GRADIENT	0.80%	0.80%	0.40%	0.40%	N/A	N/A	To Be Closed	0.01%	0.01%	
RUNWAY WIND COVERAGE	96.13%/10.5 kts	96.13%/10.5 kts	Same	Same	85.72%/10.5 kts	85.72%/10.5 kts	To Be Closed	Same	Same	
RUNWAY DIMENSIONS (L x W)	4,605 x 75	4,605 x 75	6,400 x 75	6,400 x 75	3,520 x 110	3,520 x 110	To Be Closed	2,820 x 110	2,820 x 110	
DISPLACED THRESHOLD ELEVATION	N/A	N/A	1,802.50' msl	1,802.50' msl	N/A	N/A	To Be Closed	N/A	N/A	
DISPLACED THRESHOLD COORDINATES	LAT N/A LONG N/A	LAT N/A LONG N/A	LAT 31° 10' 30.417" N LONG 99° 19' 28.715" W	LAT 31° 10' 30.417" N LONG 99° 19' 28.715" W	LAT N/A LONG N/A	LAT N/A LONG N/A	To Be Closed	LAT N/A LONG N/A	LAT N/A LONG N/A	
RUNWAY SAFETY AREA DIMENSION DESIGN STANDARD (W x LENGTH BEYOND END)	150 x 300	150 x 300	Same	Same	120 x 240	120 x 240	To Be Closed	120 x 240	120 x 240	
RUNWAY END COORDINATES	LAT 31° 11' 7.077" N LONG 99° 19' 28.607" W	LAT 31° 10' 21.509" N LONG 99° 19' 28.742" W	LAT 31° 11' 24.843" N LONG 99° 19' 28.554" W	LAT 31° 10' 21.509" N LONG 99° 19' 28.742" W	LAT 31° 11' 39.690" N LONG 99° 19' 28.715" W	LAT 31° 10' 30.417" N LONG 99° 19' 28.715" W	To Be Closed	LAT 31° 10' 45.901" N LONG 99° 19' 36.718" W	LAT 31° 10' 31.717" N LONG 99° 19' 36.799" W	
RUNWAY LIGHTING TYPE	MIRL	MIRL	MIRL	MIRL	None	None	To Be Closed	None	None	
RUNWAY PROTECTION ZONE DIMENSIONS	500 x 1,000 x 700	500 x 1,000 x 700	Same	Same	1,000 x 1,700 x 1,510	1,000 x 1,700 x 1,510	To Be Closed	250 x 1,000 x 450	250 x 1,000 x 450	
RUNWAY MARKING TYPE	Non-Precision	Non-Precision	Same	Same	Same	Same	To Be Closed	Same	Same	
I4 CFR PART 77 APPROACH SLOPE	34:1	34:1	Same	Same	20:1	20:1	To Be Closed	20:1	20:1	
I4 CFR PART 77 APPROACH TYPE	Non-Precision	Non-Precision	Same	Same	Visual	Visual	To Be Closed	Visual	Visual	
VISIBILITY MINIMUMS	1 mile	1 mile	Same	Same	3/4 mile	1 mile	To Be Closed	1 mile	1 mile	
TYPE OF AERONAUTICAL SURVEY REQUIRED FOR APPROACH	NVG	NVG	Same	Same	Same	Same	To Be Closed	N/A	N/A	
DEPARTURE SURFACE (YES/NO)	Yes	Yes	Same	Same	No	No	To Be Closed	No	No	
RUNWAY OBJECT FREE AREA DIMENSION DESIGN STANDARD (W x LENGTH BEYOND END)	500 x 300	500 x 300	Same	Same	Same	Same	To Be Closed	240 x 250	240 x 250	
RUNWAY OBJECT FREE ZONE DIMENSION DESIGN STANDARD (W x LENGTH BEYOND END)	400 x 200	400 x 200	Same	Same	Same	Same	To Be Closed	250 x 200	250 x 200	
OBSTACLE CLEARANCE SURFACE (OCS)	#4	#4	Same	Same	#2	#2	To Be Closed	#2	#2	
RUNWAY VISUAL AND INSTRUMENT NAVIDS	PAPI-2, GPS	PAPI-2, GPS	PAPI-4, REILS, GPS	PAPI-4, REILS, GPS	PAPI-4, REILS, GPS	PAPI-4, REILS, GPS	To Be Closed	None	None	
TOUCHDOWN ZONE ELEVATION (TDZE)	1,826.20	1,820.20	1,822.60	1,822.60	1,823.70	1,823.70	To Be Closed	1,827.40	1,827.40	
TAXIWAY WIDTH	35	35	Same	Same	N/A	N/A	To Be Closed	N/A	N/A	
TAXIWAY SAFETY AREA DIMENSIONS	79	79	Same	Same	N/A	N/A	To Be Closed	N/A	N/A	
TAXIWAY OBJECT FREE AREA DIMENSIONS	131	131	Same	Same	N/A	N/A	To Be Closed	N/A	N/A	
TAXIWAY CENTERLINE TO FIXED OR MOVABLE OBJECT	65.5	65.5	Same	Same	N/A	N/A	To Be Closed	N/A	N/A	
TAXIWAY LIGHTING	MITL	MITL	Same	Same	N/A	N/A	To Be Closed	N/A	N/A	
HORIZONTAL DATUM	NAD83	NAD83	Same	Same	NAD83	NAD83	To Be Closed	NAD83	NAD83	
VERTICAL DATUM	NAVD88	NAVD88	Same	Same	NAVD88	NAVD88	To Be Closed	NAVD88	NAVD88	

### Legend

- Existing Runway End Point
- Future/Ultimate Runway End Point
- Existing Airport Property
- Ultimate Airport Property
- Existing Runway 17/35
- Future Runway 17L/5R
- Ultimate Runway 17L/35R
- Existing Runway 8/26
- Ultimate Runway 17R/35L
- Existing Taxiway
- Ultimate Taxiway
- Existing Apron
- Ultimate Apron
- Existing Structure
- Ultimate Structure
- Off Airport Building
- Existing Road/Parking
- Ultimate Road/Parking
- Existing Fuel Farm
- Ultimate Fuel Farm
- Pavement To Be Removed
- Wind Cone
- Segmented Circle
- AWOS
- Airport Beacon
- Ultimate REILs
- Existing PAPI-2
- Ultimate PAPI-4
- Existing ARP
- Ultimate ARP
- PACIS/SACS
- Extended Runway Cline
- Fence
- Ultimate Runway OFA
- Existing Runway OFA
- Ultimate Runway OFA
- Existing RSA
- Ultimate RSA
- Existing Runway OFZ
- Ultimate Runway OFZ
- Existing Runway Visibility Zone
- Taxiway OFA
- Taxiway Centerline
- TieDown
- Ground Contour
- Ultimate RPZ
- Reserve Parcel



RUNWAY DECLARED DISTANCE	RUNWAY 17-35 (17L-35R)				RUNWAY 8-26				RUNWAY 17R-35L	
	EXISTING	35	FUTURE	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	17R	35L
TAKE OFF RUN AVAILABLE (TORA)	4,605	4,605	5,500	6,400	7,000	7,900	3,520	3,520	2,820	2,820
TAKEOFF DISTANCE AVAILABLE (TODA)	4,605	4,605	6,400	6,400	7,900	7,900	3,520	3,520	2,820	2,820
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	4,605	4,605	6,400	6,400	7,900	7,900	3,520	3,520	2,820	2,820
LANDING DISTANCE AVAILABLE (LDA)	4,605	4,605	6,400	5,500	7,900	7,000	3,520	3,520	2,820	2,820

**General Notes**  
 1. Survey data from 2006 ALP Set used.  
 2. Road elevations taken from ground level.  
 3. Horizontal Datum: NAD83; Vertical Datum: NAVD88.  
 4. Magnetic Declination from NOAA Natl. Geophysical Data Center.

### AIRPORT DATA

CITY: Brady	COUNTY: McCulloch	OWNER: City of Brady
Curtis Field Airport (BBD)	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE (ARC)	B-II	SAME
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH	95.1°	SAME
AIRPORT ELEVATION (NAVD 88)	1,827.4' msl	SAME
AIRPORT NAVIGATIONAL AIDS	PAPI-2, GPS, Wind Cone, Segmented Circle, AWOS-3	PAPI-4, GPS, Wind Cone, Segmented Circle, AWOS-3
AIRPORT REFERENCE POINT (ARP)	31° 10' 45.400" N	31° 10' 54.784" N
COORDINATES (NAD 83)	99° 19' 26.142" W	99° 19' 24.407" W
MISCELLANEOUS FACILITIES	GA Terminal, Helipads	SAME
PERIMETER/SECURITY FENCE HEIGHT	8'	SAME
DESIGN CRITICAL AIRCRAFT	King Air 350	Falcon 900EX
WINGSPAN OF DESIGN AIRCRAFT (FEET)	58'	63.5'
APPROACH SPEED OF DESIGN AIRCRAFT (KNOTS)	107	111
UNDERCARRIAGE WIDTH OF DESIGN AIRCRAFT (FEET)	14.3'	15.6'
MAGNETIC DECLINATION (DEGREES)	04° 42' 00" East (NOAA)	SAME
MAGNETIC DECLINATION DATE & SOURCE	01/19 - NOAA	SAME
NPIAS CODE	GA Local	SAME
STATE SYSTEM PLAN ROLE	GA Business/Corporate	SAME
AIRPORT INSTRUMENT APPROACH PROCEDURES	RNAV, NDB	SAME

FAA APPROVAL STAMP

*Del*  
 Director, Texas Aviation Division

FOR APPROVAL BY:  
 City of Brady, TX

APPROVED BY: *Devin Jones* DATE: 4/27/20  
*City Manager*

#### Existing Structures

ID	Description	Top Elevation (ft msl)
1	Storage*	1838.00
2	Storage*	1838.00
3	Conventional Hangar	1854.90
4	Conventional Hangar	1854.90
5	T-Hangar	1836.00
6	Residence (To Be Removed)	1833.30
7	Conventional Hangar/Terminal	1854.40
8	Conventional Hangar	1854.90
9	Fuel Tanks (To Be Relocated)*	1835.00
10	Airport Beacon	1869.70
11	Equipment Shed	1823.70
12	AWOS*	1820.00
13	Wind Sock*	1839.00

\*Top Elevation Estimated

#### Ultimate Structures

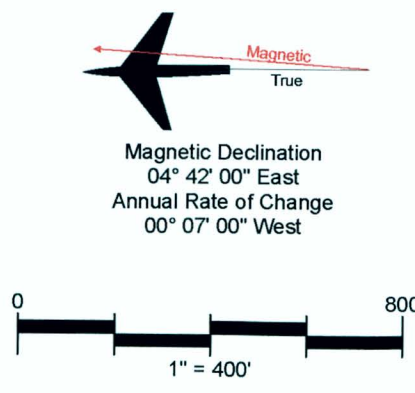
ID	Description	Top Elevation (ft msl)
14	Executive Hangar	1853.00
15	Executive Hangar	1853.00
16	Terminal	1849.00
17	Executive Hangar	1845.00
18	Executive Hangar	1844.00
19	Executive Hangar	1843.00
20	T-Hangar	1840.00
21	T-Hangar	1840.00
22	Fuel Tanks	1840.00
23	Storage Tank	Unknown

Top Elevation of ultimate structures approximated from comparable buildings

#### Off Airport Structures

ID	Description	Top Elevation (ft msl)
A	Commercial	1834.10
B	Commercial	1831.60
C	Commercial	1842.90
D	Commercial	1830.60
E	Commercial	1843.20
F	Commercial	1843.90
G	Commercial	1827.40
H	Commercial*	1815.00
I	Commercial*	1815.00

\*Top Elevation Estimated



### CURTIS FIELD AIRPORT AIRPORT LAYOUT PLAN DRAWING

BRADY, TEXAS

PLANNED BY: Eric Pfeifer  
 DETAILED BY: Chris Donnelly  
 APPROVED BY: Mike Dmyterko

September 2019 SHEET 1 OF 2

PDF Created: 4/17/2020 Time: 8:12:08 AM Document Path: C:\Users\donnelly\Documents\Coffman Associates\Brady\_CurtisField\A\DESIGN\A1.D.mxd



# Instructions for Responding to an RFQ Solicitation

Aviation Division

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

STEP	ROLE	ACTIONS	NOTES
01	SA	Go to View Opportunities. a. Select <b>Apply Now</b> 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 <b><u>PLEASE MAKE SURE YOU SELECT THE CORRECT PDF FILE BEFORE CHANGING STATUS.*</u></b> 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 <b><u>YOU ARE DONE</u></b>	You will get an email saying the response was successfully submitted; the status must be changed to <b>RFQ Response in CS Review</b> by the due date and time posted in the solicitation.
04	SA/SS	<b><u>WAIT</u></b> UNTIL A SELECTION NOTIFICATION IS SENT TO YOU	
05	SS/SA	<b><u>AFTER SELECTION NOTIFICATION IS RECEIVED</u></b> 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.