

GUADALUPE APPRAISAL DISTRICT REQUEST FOR PROPOSALS/BIDS ACQUISITION OF AERIAL ORTHOPHOTOGRAPHY AND OBLIQUE IMAGERY

The Guadalupe Appraisal District (“District”) makes this Request for Proposal/Bid (“RFP/RFB”) for the purpose of acquiring aerial orthophotography and oblique imagery for the entirety of Guadalupe County, Texas. The District’s Board of Directors requests the following additional qualifications and information:

1) GENERAL

- The aerial photography shall be captured from December 15, 2023 until February 15, 2024.
- Final delivery of all imagery shall be on or before March 15, 2024.
- The aerial imagery must be geo-referenced to the Texas State Plane Coordinate System NAD83 Texas Central Zone adjusted horizontal and NAVD88 vertical data.
- The vendor must provide early access via web to the oblique imagery within 2 weeks of the individual flight days. This includes any software needed.

2) OBLIQUE IMAGERY

- Provide color oblique aerial photography of Guadalupe County, Texas, approximately 715 sq. miles of area, of which 711 sq. miles are land and 3.5 sq. miles are covered by water.
- Images must be captured from a north, south, east, and west direction to provide a 360-degree view of every property.
- Each pixel of an image must be geo-referenced.
- Oblique images will meet the same horizontal and vertical accuracy that is in the source data used in processing them, i.e., Orthophoto, DEM (Digital Elevation Model).
- Provide oblique imagery from which measurements can be directly taken on a computer screen.
- Images should be captured simultaneously with the orthogonal imagery.
- The imagery must be compatible with ArcGIS for any derived datasets or application extensions enabling images to be viewed in ArcGIS.
- Oblique imagery should be at 3-inch or 6-inch resolution.
- The digital oblique photography must be delivered with software tools that allow for cataloging, extracting, viewing, measuring, and analyzing said photography.

3) ORTHOPHOTOGRAPHY IMAGERY

- Provide color orthophotography of Guadalupe County, Texas, approximately 715 sq. miles of area.
- Images must provide a true top-down view that is rectified to align to a map grid and must be easily integrated into a GIS database and use.
- Orthophotography resolution should be at 3-inch or 6-inch resolution. The Vendor may resample from a smaller pixel resolution to achieve desired resolution, but Vendor may not resample from a larger pixel resolution to achieve desired resolution
- Rectification shall seek to minimize feature displacement and loss of features along mosaic lines.

4) AERIAL MOSAIC

- The vendor shall provide a 6-inch ortho mosaic of all Guadalupe County, Texas.
- The vendor shall provide a 3-inch and 6-inch blend ortho mosaic of all Bosque County, Texas with a pixel resolution no greater than 3-inches.

5) FLIGHT CONDITIONS

- Oblique aerial photography shall be completed during the late winter until February 15, 2024, in 30% or less leaf cover conditions. Oblique and orthogonal photography shall be acquired when the ground is not obscured by snow, ice, clouds or fog, and the atmosphere is free of haze, smoke, and dust.

6) QUALITY ASSURANCE/QUALITY CONTROL

- Respondents are expected to identify all levels of their quality assurance and quality control procedures that will be employed in evaluating and processing the imagery.

7) IMAGE VIEWING SOFTWARE

- Imagery must be viewable online for, county and municipal planners and first responders
- Imagery must seamlessly integrate into the existing Appraisal District Computer Aided Mass Appraisal (CAMA) Software (Harris Govern - PACS)
- Vendor should describe the software that it provides for viewing of oblique and orthogonal images
- Image tools shall include:
 - Measuring tools-vertical, horizontal and area, height, bearing, pitch, elevation, location, and identify (to analyze information contained in uploaded GIS data)
 - Change analysis
 - Cloud solutions
 - Overlaying GIS data
 - Annual maintenance cost

• WEB-BASED PORTAL

- Vendor must provide a Vendor-hosted web company portal application that stores Guadalupe County's image library and provides its users the ability to access and view the imagery and aids in dissemination of the images.
- Provide WMTS URL of our Ortho Imagery for our P&A systems, Paragon & Web Maps applications.
- Provide a WMTS URL of our Ortho Imagery to provide to our 3rd party vendors to use in their mapping applications for Guadalupe CAD.
- List any mobile options for viewing your imagery

9) DELIVERY

- The distribution of products, such as oblique imagery and supporting data, shall be the responsibility of the contractor. The contractor will provide separate USB hard drives that will be used to transfer deliverables and will become a part of the final delivery.
- Final delivery of all imagery shall be on or before February 15, 2023.
- The oblique and orthophotography imagery will be delivered in ecw, jpg and MrSID compressed file format.
- The mosaic images shall be delivered in an ecw and MrSID compressed file format.

10) DISASTER RE-FLIGHT

- Describe the type of disaster coverage your company provides, describing the applicable disaster types.
- Provide the maximum coverage area that would fall under a disaster re-flight.
- Provide the time period during and after that this service will be available to Bosque Central Appraisal District.

11) INTEGRATIONS

- The imagery should be viewable with ESRI products including ArcGIS 10.x and ArcGIS-Pro and GeoMedia Professional. Plug-ins for the provided data format and viewer software should also be included.

12) OTHER TECHNICAL CONSIDERATIONS

- Describe any other technical detail critical to the successful acquisition and processing of oblique imagery.

13) TECHNICAL SUPPORT

- The vendor shall provide technical support for the delivered products for the duration of the contract. Technical support shall be onsite, by phone or web-based.

14) TRAINING

- Please provide a complete explanation of training (on-site as well as on-line) provided in the costs of your bid.
- Include, from past experiences, the estimated amount of time required for training for end users of your product(s) as well as technical training for IT and GIS Department employees.
- This should include the approximate man-hours for training for each group.

15) EXPERIENCE

- Please provide a response to each of the following questions/requests:
- Include a detailed project description for up to three projects that are similar in size and scope that demonstrates the same technical experience with similar clients and that are preferably within the State of Texas. Products should include the simultaneous capture of both orthophotography and oblique digital imagery and the delivery of navigation and measurement software. Note the following details: customer name, address, contact person, title, and phone number.
- Describe the number of years your company has been in the aerial imagery business.
- Describe your annual revenues.
- Include a corporate profile.

16) INSURANCE

- Vendor, at its own expense, shall maintain sufficient liability insurance against claims or lawsuits which result from the actions of Service Provider or its employees or agents.

17) COST

- Outline annual costs for the project over a four-quarter payout configuration.
- Include any annual maintenance costs.
- Please advise if there will be any additional fees for licensing or upgrades to any software.

18) RENEWAL OPTIONS

- The Appraisal District may consider initial multi-year options for original contract or multi-year renewal options based upon the same terms and conditions as the original year. Renewal is subject to approval by the Guadalupe Appraisal District Board of Directors. Any increase in the contract amount may not exceed the percentage of increase in the Consumer Price Index. Once renewal options are exhausted, the contract must be re-bid.
- At the time of renewal, the price may be negotiated subject to the following adjustment clause:
- PRICE ADJUSTMENT CLAUSE
Renewal of this contract shall be for the original bid price: however, if the option to renew is exercised, the Appraisal District will permit a price adjustment upwardly or downwardly after the end of the first contractual period and each renewal period when correlated with the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), U.S. City Average, (all items) published by the Bureau of Labor Statistics (BLS), Beaumont-Port Arthur, Texas, www.bls.gov.

19) ACCEPTANCE AND/OR REJECTION OF PROPOSALS

- The Board of Directors of the Guadalupe Appraisal District may reject any and /or all proposals and waive any formalities in bidding. The Board of Directors intends to award the contract by means of competitive bidding to the responsible and responsive Respondent. In determining to whom to award the project, the Appraisal District may consider all relevant factors and circumstances that affect the District's needs and interests and which the law allows to be considered. The award of this contract to the successful respondent is subject to the entry of the contract between the District and the successful respondent in form acceptable to the District.

20) PROPRIETARY/CONFIDENTIAL INFORMATION

- As a political subdivision of the State of Texas, the Guadalupe Appraisal District is subject to the stipulations of Texas Public Information Act (Texas Government Code Chapter 522). Respondents are hereby notified that all information submitted as part of, or in support of, proposals will be available for public inspection after opening of proposals, in compliance with Texas Public Information Act (Texas Government Code Chapter 552).
- The respondent shall not submit any information in response to this RFP Solicitation, which the Respondent considers to be a trade secret, proprietary or confidential unless the Respondent believes such information is critical to its presentation and proposal. The submission of any information to the District in connection with this RFP Solicitation shall be deemed conclusively to be a waiver of any trade secret or other protection which would otherwise be available to Respondent. In the event that the Respondent submits information to the District in violation of this restriction intentionally, and clearly identifies that information in the proposal as protected or confidential, the District shall endeavor either to protect such proprietary or confidential information only to the extent the law allows or return that information to the Respondent as quickly as possible, and if appropriate, evaluate the balance of the proposal. The underlined statement "Confidential" must precede trade secrets and confidential information that is contained in the Proposal.

21) AVAILABILITY OF FUNDS

- Following the initial one (1) year term. The subsequent two (2) year contract option, if exercised by the District will be subject to appropriation of funds in the District's Fiscal budget and subject to contract ratification by the District's Board of Directors. The District shall be the sole judge and authority in determining the availability of funds under this contract. The District shall keep the Respondent fully informed as to the availability of funds.

22) DEADLINE

- Responses to this Request must be received by 3:00 pm on November 28, 2023. All proposals must be delivered in person, by United States mail or receipted overnight delivery service to:

Cherie Stiers
Guadalupe Appraisal District
3000 North Austin Street
Seguin, TX 78155

The Board of Directors will consider Proposals/Bids and Demonstrations at their December meeting currently scheduled on December 6, 2023 at 5:30 pm. The Board of Directors reserve the right to reject any or all proposals and accept any proposal deemed in the best interest of the District at such meeting.