

**BEAVER COUNTY CLERK
LISA BENNETT
P. O. BOX 338
BEAVER, OKLAHOMA 73932
PHONE 580 625-3151**

TO WHOM IT MAY CONCERN:

Bids will be received until **January 25, 2019 at 5:00 P.M.** in the Beaver County Clerk's Office of the Beaver County Courthouse, Beaver, Oklahoma.

Said bids will be publicly opened and considered by the Board of Beaver County Commissioners in the Commissioner's Office on the **28th day of January, 2019 at 10:00 A.M.** with the right being reserved to reject any or all bids.

The following criteria should be met when submitting a bid:

1. The bid shall be made on the enclosed "Invitation to Bid" and the Affidavit of Non-Collusion must be signed and notarized.
2. All prices quoted shall be F.O.B. Beaver County.
3. Place your bid in a sealed envelope clearly marked, "**SEALED BID #3**". This ensures that the bid will not be voided due to accidental opening.
4. On all bids requiring services or contract labor, proof of liability insurance with at least \$1,000,000.00 liability and Workmen's Compensation is required. If you cannot furnish these you must furnish us with a Certificate of Non-Coverage.

NOTE: ALL BID PROPOSALS WILL BE DEEMED INVALID AND THEREFORE REJECTED WHICH DO NOT CONTAIN THE "INVITATION TO BID" AND THE SIGNED AND NOTARIZED "NON-COLLUSION AFFIDAVIT".

Thank you for your cooperation and participation in this bidding procedure. Should you have any questions, please feel free to contact the Beaver County Clerk's Office at (580) 625-3151.

Respectfully,



Lisa Bennett
Beaver County Clerk

Lisa Bennett, Beaver County Clerk
COUNTY PURCHASING OFFICE
P.O. Box 338
Beaver, Oklahoma
Phone: (580) 625-3151

INVITATION TO BID

1/14/2019
1 OF 5

PLEASE REVIEW TERMS AND CONDITIONS ON REVERSE SIDE RELATING TO SUBMISSION OF THIS BID.

Notarized Affidavit completions and signature required on reverse side.

BID NUMBER	BID CLOSING DATE AND HOUR	REQUIRED DELIVERY DATE
#3	January 25, 2019 @ 5:00 P.M.	

TERMS:	DATE OF DELIVERY:
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Item	Quantity	Unit of Issue	Description	Unit Price	Total
			<p>The Board of County Commissioners will open sealed bids for creating accurate county wide digital data in preparation for the Enhanced Landline/Phase I Wireless System in Beaver County.</p> <p>Bids must be received in the County Clerk's Office by January 25, 2019.</p> <p>Bids will be opened on January 28, 2019 at 10:00 A.M.</p> <p>The Board reserves the right to reject any or all bids.</p>		

TERMS AND CONDITIONS

1. Sealed bids will be opened in the Commissioner's Conference Room, Beaver County Courthouse, Beaver, Oklahoma, at the time and date shown on the invitation to bid form.
2. Late bids will not be considered. Bids must be received in sealed envelopes (one to an envelope) with bid number and closing date written on the outside of the envelope.
3. Unit prices will be guaranteed correct by the bidder.
4. Firm prices will be F.O.B. destination.
5. Purchases by Beaver County, Oklahoma, are not subject to state or federal taxes.
6. This bid is submitted as a legal offer and any bid when accepted by the County constitutes a firm contract.
7. Oklahoma laws require each bidder submitting a bid to a county for goods or services to furnish a notarized sworn statement of non-collusion. A form is supplied below.
8. Bids will be firm until _____
(Date)

AFFIDAVIT: I, the undersigned, of lawful age, being first duly sworn on oath say that he (she) is the agent authorized by the bidder to submit the above bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any state official or employee as to quantity; quality or price in the prospective contract or any other terms of said prospective contract; or in any discussion between bidders and any state official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder/contractor has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma (or other entity) any money or other thing of value, either directly or indirectly in the procuring of the award of a contract pursuant to this bid.

Subscribed and sworn before this _____ day
of _____ 20_____

My commission expires _____

NOTARY PUBLIC (CLERK OR JUDGE)

(SEAL)
 Firm: _____
 Signed by: _____ Title: _____
 Print Name: _____
 Address: _____ Phone: _____
 City: _____ State: _____
 Zip: _____

NOTE: Other terms and conditions can be added at the discretion of the county officer.

Beaver County is soliciting proposals to create accurate county wide digital data in preparation for Enhanced Landline/Phase I Wireless system. The digital GIS data is expected to be in compliance with the State of Oklahoma Geographic Information NG9-1-1 and Addressing Standard & all applicable National Emergency Number Association (NENA) standards. Data to be developed includes addresses, street centerlines, emergency service boundaries, emergency service zones, and jurisdictional boundaries.

Standards and Guidelines

The following standards apply to this project:

- State of Oklahoma Geographic Information NG9-1-1 and Addressing Standard
- NENA GIS Data Collection and Maintenance Standards
- NENA Standard for NG9-1-1 GIS Data Model
- NENA Information Document for Synchronizing Geographic Information System Databases with MSAG & Ali

Scope of Services

1. Addressing Scheme

The Consultant will develop an addressing scheme based on the county's determined standard for a distance-based address grid. This schema will be used to assign addresses to all needed rural dwellings to add to a county wide address point dataset for geospatial location. This includes attributing road centerline features with ranges, left & right parity, MSAG community, and zip code in which address points can be geocoded against for quality assurance.

- 1.1. Assign addresses to needed rural dwellings using agreed upon standard for ranges. Addresses will be assigned based on the entrance to the property and primary point placed on the structure.
- 1.2. Create an address master database that contains current PO Box information and or rural route information and new location assigned address.
- 1.3. Compare existing city addresses to ranges to ascertain consistency in addressing and identify any areas and or addresses of concern (example: overlapping addresses or parity mismatches).
- 1-4. Coordinate with telephone company to ensure telephone database is updated with new addresses.

2. NG9-1-1 Dataset Creation

The Consultant will create an NG9-1-1 compliant data set that is standardized based on the current State of Oklahoma Geographic Information NG9-1-1 and Address Standard and follows rules established by the current NENA standards referenced in Standards and Guidelines. Datasets are to be topological clean and include the following:

- 2.1. Address Points

The Consultant will develop and deliver an address point database containing all addressable features within Beaver County. Unique street level addresses will be represented as individual point features.

- 2.1.1. Address features will be attributed and standardized based on the State of Oklahoma's Address schema, including required domains. Additional attributes may be added as needed by the county and for quality assurance checks by the Consultant.
- 2.1.2. Address points should be consistent with the centerline ranges, MSAG community, zip codes and ESNs and should not be out of order.
- 2.1.3. All addresses should be unique. There should not be any addresses points with the same address (i.e. duplicate addresses).

2.2. Street Centerlines

The Consultant will develop a street centerline dataset containing 100% of the existing streets within Beaver County. Street centerline attributes will be assigned and designed to support geocoding and routing applications.

- 2.2.1. Street centerline features will be attributed and standardized based on the State of Oklahoma's Road Centerline schema, including required domains. Additional attributes may be added as needed by the county and for quality assurance checks by the Consultant.
- 2.2.2. Features must be split at all boundaries (jurisdictional, ESB & ESN boundaries).
- 2.2.3. Features must be split at intersections.
- 2.2.4. Street features must be drawn in the direction of increasing address range.
- 2.2.5. Ranges should not overlap.

2.3. PSAP Boundary

The consultant will create a PSAP polygon that defines the geographic area of the PSAP responsible for responding.

- 2.3.1. The PSAP polygon will be attributed and standardized based on the State of Oklahoma's PSAP Boundary schema.
- 2.3.2. The PSAP boundary cannot overlap or cross other boundaries.

2.4. ESN/ESZ Boundaries

The consultant will create Emergency Service Zone (ESZ) boundaries that are a geographical representation of each Emergency Service Number (ESN). The Consultant will coordinate with the county to ensure that each ESN contains a unique combination of emergency service agencies (Law, Fire & EMS) that serve the specific area.

- 2.4.1. The ESZ features will be attributed and standardized based on the State of Oklahoma's ESZ Boundary schema.
- 2.4.2. The ESZ polygons may not overlap or have gaps

2.5. Emergency Service Boundaries

The Consultant will create three separate polygon layers that represent the emergency service response areas for Fire, Law & EMS.

2.5.1. Each of the ESB polygon features will be attributed and standardized based on the State of Oklahoma's ESB Boundary schema.

2.5.2. The ESB polygons may not overlap or have gaps

3. MSAG Creation

The Consultant will create an MSAG that can be fully utilized for E-91 1 services. The MSAG is a database of street names, house number ranges, associated communities and Emergency Service Numbers.

3.1. Compile ESN districts compliant with the local exchange carrier's DBMS data structure.

3.2. Develop database of street names, house number ranges, associated MSAG communities and ESNs.

4. Quality Assurance/Quality Control

The consultant will develop a plan to present compiled data to County Officials to obtain feedback from County Officials on problematic areas as well as to allow County Officials to suggest modification or changes to the data such as attribute information or point placement.

Proposal Submission Guidelines

Proposals shall be sealed. All bids should be clearly marked "Beaver County GIS Enhancement / NG9-1-1 Project Proposal" and received by January 25, 2019 @ 5:00 p.m. deadline.

It is the sole responsibility of the consultant to have their bids delivered to Beaver County before the closing hour and date. Late bids will not be considered. Bids having any erasures or corrections must be initialed in ink by the vendor. The proposal must contain the signature of the duly authorized officer of the consultant and must be signed in ink.