

Grant Request Review Summary

Grant Name: Upgrade emergency radio communications from analog to digital and install a new tower

Grant Provided By: State of Texas, Office of the Governor, Public Safety Office, Homeland Security Grants Division

Administered By: OOG, PSO

Requested by: Charley Lanier

Amount of Grant: \$870,552.91

How Paid: Reimbursed for expenses

Unused Funds: Remain with State of Texas

County Match: Not required

Amount of Match Required: N/A

Where will county match funds come from: N/A

Begin Date September 1, 2022

End Date August 31, 2024

Purpose of Grant: To upgrade the 4 existing fire and EMS radio repeaters from analog to digital, and add a new tower and repeater on the Precinct 1 lot to extend coverage to the southeast corner of the county.

Other Entities Involved: None

Reporting Requirement: Quarterly to the State of Texas

Note The PSO has committed \$2.5 million to fund 10-15 projects. If this grant is approved, it could be for only a portion of the requested amount.

Self Radio Inc. Quotation

P.O. Box 76 - Montague, TX 76251 - Ph. 940-894-2181 FAX 940-894-2191

Company Montague County Quote Number Tait Repeaters

Quote Date February 3, 2022

Material			
TB9400 100watt w Simulcast and voting Backup Control	1	\$ 29,253.00	\$ 29,253.00
4 each TB9400 100 watt Simulcast Enabled	1	\$ 98,916.00	\$ 98,916.00
TB7300 50watt Simulcast and voting Central Control	1	\$ 21,949.00	\$ 21,949.00
Frequency Kit	6	\$ 6,999.00	\$ 41,994.00
Tait Services for the above	1	\$ 5,380.00	\$ 5,380.00
			\$ -
Total			\$ 197,492.00

Company Montague County Quote Number Simulcast/Multicast

Material			
7/8 inch Coax	6600	\$ 5.00	\$ 33,000.00
Connectors	48	\$ 40.00	\$ 1,920.00
Hoisting Grips	24	\$ 30.00	\$ 720.00
Grounding Kits	48	\$ 30.00	\$ 1,440.00
DB224 Antennas	6	\$ 858.00	\$ 5,148.00
Duplexers	5	\$ 4,350.00	\$ 21,750.00
Band Pass Can	5	\$ 665.00	\$ 3,325.00
Cabinets for Bowie, Nocona Hills and Barrel Springs	3	\$ 8,000.00	\$ 24,000.00
Tower Crew Days	12	\$ 5,000.00	\$ 60,000.00
FCC Add 154.325 to Forestburg and Barrel Springs	2	\$ 2,000.00	\$ 4,000.00
Self Radio days assembling and supervising	12	\$ 800.00	\$ 9,600.00
			\$ -
Total			\$ 164,903.00

Company Montague County Quote Number Mimomax data radios

Material			
Point to point radios	10	\$ 9,600.00	\$ 96,000.00
Power Supply cords	20	\$ 16.00	\$ 320.00
Antennas	10	\$ 1,625.00	\$ 16,250.00
Mounting Rack	10	\$ 80.00	\$ 800.00
SERV-TEC-CFG-DY	1	\$ 2,375.00	\$ 2,375.00
SERV-ENG-OFF-DY	1	\$ 3,000.00	\$ 3,000.00
FREIGHT AND DUTY CHARGES	1	\$ 1,525.00	\$ 1,525.00
FCC License	1	\$ 7,500.00	\$ 7,500.00
Optional Extended Suipport Agreement Annual	1	6750	\$ 6,750.00
Extended Warranty	1	3200	\$ 3,200.00
			\$ -
		Total	\$ 137,720.00

Total Amount for Repeaters and Antennas \$ 500,115.00

JTS Quote for Tower and Installation in Forestburg **Quote # JTSQ10087**

1	1	Permitting	\$ 20,685.05
2	1	275' Self-Support Tower	\$ 105,132.86
3	1	Geotechnical Report	\$ 6,928.57
4	1	Tower Foundation Materials	\$ 32,725.78
5	1	Tower Lighting Hardware	\$ 10,142.86
6	1	Subcontractors/Equipment Rental - Driller, Crane, Backhoe, Skytrak	\$ 56,632.35
7	1	Labor & Travel - Foundation	\$ 24,026.65
8	1	Labor & Travel - Tower Erection	\$ 24,026.65
9	1	Conduit and Power Cable	\$ 23,606.89
10	1	Labor & Travel - Electrical Cable	\$ 9,387.39
11	1	Spoils Haul Off / Concrete Wash Out	\$ 7,142.86

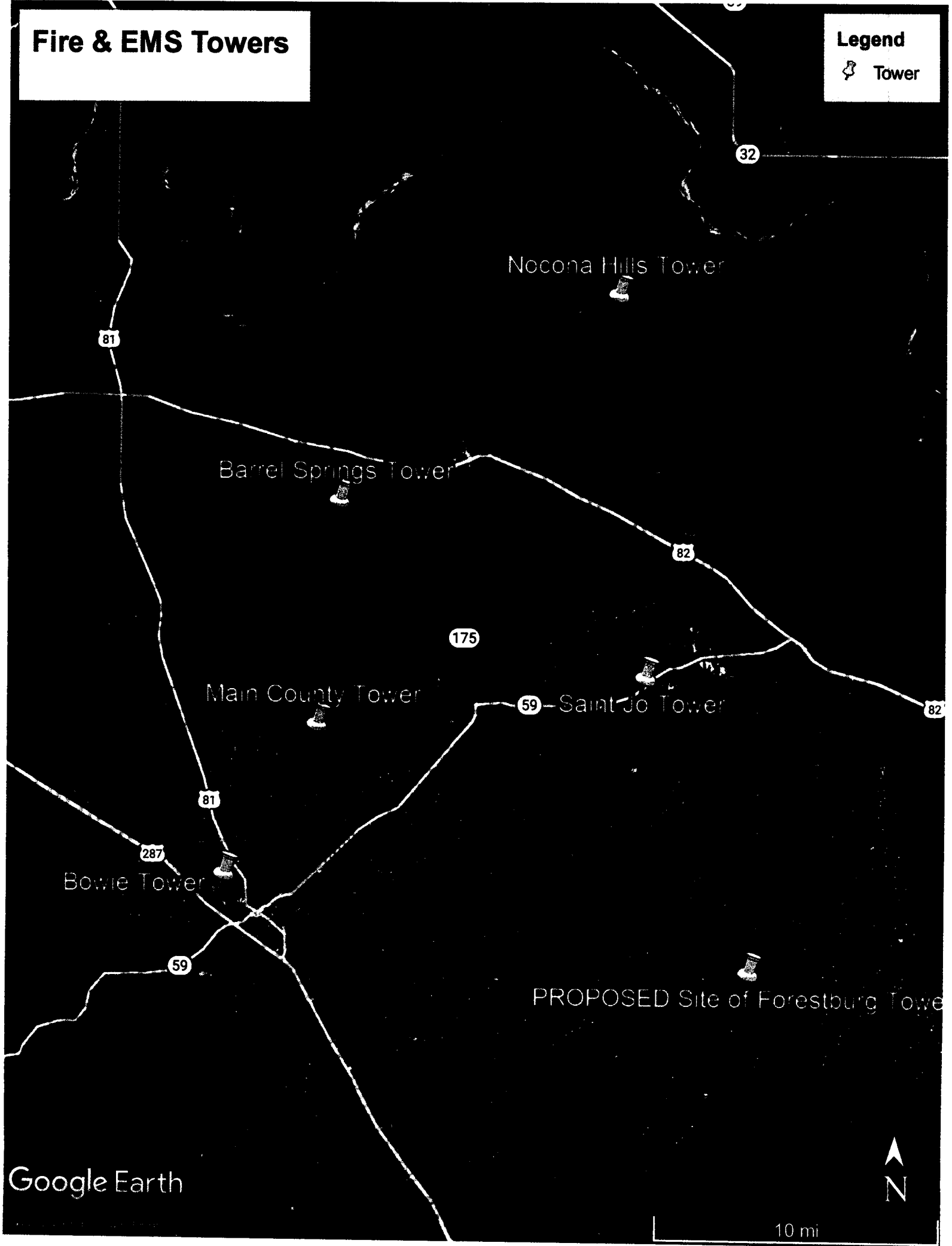
Total Amount for New Tower and Installation \$ 320,437.91

PROJECT TOTAL \$ 820,552.91

Fire & EMS Towers

Legend

 Tower

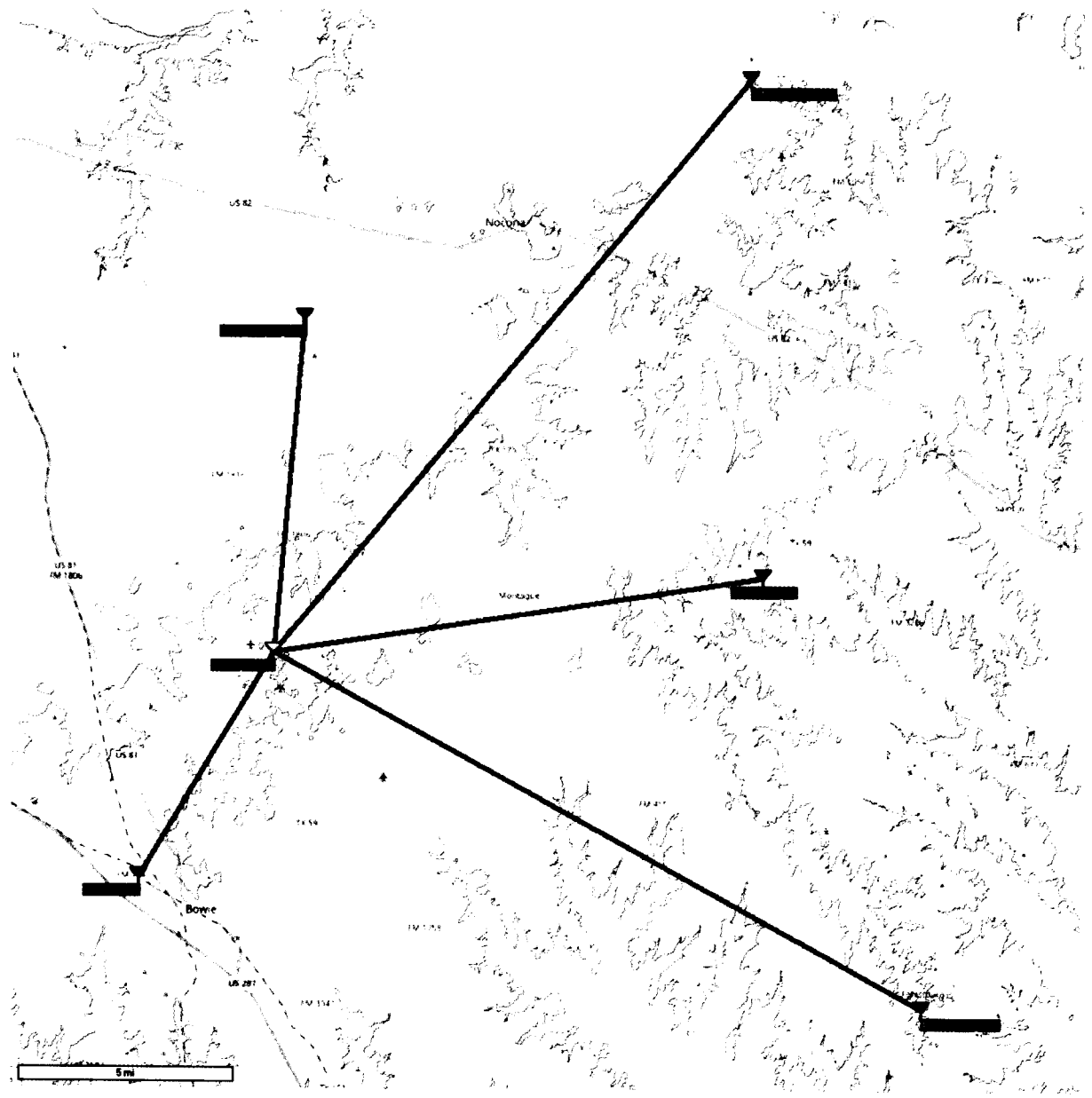


Google Earth



10 mi

Radio Links Area Map



Proposed network radio layout with link numbering as depicted.

MONTAGUE COUNTY COMMISSIONER'S COURT

**RESOLUTION AUTHORIZING APPLYING FOR A GRANT FROM THE OFFICE OF THE GOVERNOR, PUBLIC SAFETY
OFFICE, HOMELAND SECURITY GRANTS DIVISION**

2022 STATE HOMELAND SECURITY PROGRAM – REGULAR PROJECTS (SHSP-R)

WHEREAS, the Montague County Commissioner's Court finds it in the best interest of the citizens of Montague County, that the "Upgrade emergency radio communications from analog to digital and install a new tower" project be operated for the 2022 (Year); and

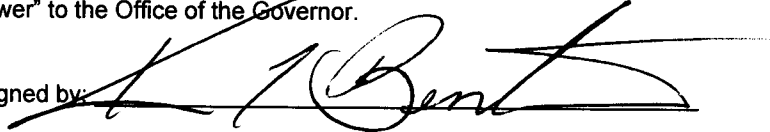
WHEREAS, the Montague County Commissioner's Court agrees to provide applicable matching funds for the said project as required by the grant application; and

WHEREAS, the Montague County Commissioner's Court agrees that in the event of loss or misuse of the Office of the Governor funds, the Montague County Commissioner's Court assures that the funds will be returned to the Office of the Governor in full.

WHEREAS, the Montague County Commissioner's Court designates The Honorable Judge Kevin Benton as the grantee's authorized official. The authorized official is given the power to apply for, accept, reject, alter or terminate the grant on behalf of the applicant agency.

NOW THEREFORE, BE IT RESOLVED that the Montague County Commissioner's Court approves submission of the grant application for the "Upgrade emergency radio communications from analog to digital and install a new tower" to the Office of the Governor.

Signed by:



Passed and Approved this 10th (Day) of February (Month) 2022 (Year)

Grant Number: 4480801 (CFDA: 97.067)