

**TOWN OF OPHIR, COLORADO
ORDINANCE NO. 2017-05**

**AUTHORIZING CONTRACTS FOR PURCHASE OF BROADBAND SERVICE
AND CONSTRUCTION OF A BROADBAND SYSTEM TO SERVE THE TOWN
OF OPHIR**

WHEREAS, the Town of Ophir has received from the Colorado Department of Local Affairs a grant of \$159,102.00 for construction of a “middle-mile” broadband system, has received financial commitments from the Telluride R-1 School District and San Miguel County for a minimum of \$20,000.00, and has funds and/or loan proceeds available in the Ophir Municipal Broadband Fund for a required local match of \$ \$159,103.00, and has funds and/or loan proceeds to construct a “middle-mile” broadband system within the Town of Ophir and along County Road D65; and

WHEREAS, Mammoth Networks and the Town of Ophir have found a middle mile connection at the intersection of state highway 145 and County Rd. D65. 100mbps service will be purchased from CenturyLink, with an option to upgrade service as needed; and

WHEREAS, the Town of Ophir will need to provide a climate-controlled cabinet at a location near the CenturyLink handhold. The proposed site has been selected on private property, and easements are in process. The estimated cost of cabinet purchase and installation are as follows:

Install Electrical Service	\$5,000.00	
Climate controlled cabinet	\$5,000.00	
Site work	\$2,000.00	
<i>Total for equipment at highway</i>		<u>\$12,000.00;</u>

and

WHEREAS, the Town of Ophir will hire Apeiron from Grand Junction to build the underground optical fiber plant from state highway 145 to a wireless distribution in East Ophir. This build will facilitate a Fiber-to-the-Home (FTTH) build out in the future. The estimated cost of County Road Installation are as follows:

- Install 2” conduit with tracer wire approx. 17,000 feet, place handholds to allow fiber installation and access to fiber at 12 predetermined locations.
- One handhold will be placed with 200’ of fiber slack at the Century Link meet point
- One handhold will be placed with 200’ of fiber slack at the broadband pole location
- Approx. 17,000 feet of 96 count Single Mode fiber optic cable will be placed and

tested

Total for fiber trunk \$250,900.00;
and

WHEREAS, the "middle-mile" broadband distribution will consist of installation of a broadband radio transmission distribution pole. This will be a wood pole that San Miguel Power Association (SMPA) will sell to the Town and install in the Town right of way on Eight Street north of Aurum Avenue. The height of the pole will be approximately 45', and will be able to provide line of sight to most homes in Ophir, as well as to several homes along the County road. The estimated cost for the erection of the pole, power feed, and the equipment will be approximately \$11,000.00. There will be 2 sector broadband transmission radios on the pole, with dimensions of approximately 5" X 24". These radios will provided by broadband service provider at its cost and last mile service will be provided by a broadband provider pursuant to a separate license and service agreement. The estimated cost of distribution pole purchase and installation and electrical power service are as follows:

SMPA will install pole and electrical service:	\$6,000.00
Cabinet and install:	\$5,000.000

Total for wireless deployment \$11,000.00; and

WHEREAS, Ophir anticipates expending approximately \$30,000 in legal fees for contract and easement work and for project and contract management; and

WHEREAS, the Total Project Cost will be approximately \$303,900.00. With a Contingency of 4.449% the Total Project Cost is expected to be **\$318,205.00**; and

WHEREAS, the Ophir General Assembly desires to proceed to with the construction of the middle-mile and last-mile Ophir municipal broadband system and to authorize the contracts for such construction.

**NOW, THEREFORE, THE GENERAL ASSEMBLY OF THE TOWN OF OPHIR
HEREBY ORDAINS:**

SECTION 1. CONTRACTS AUTHORIZED

The Mayor or Town Manager and Town Clerk are hereby authorized and directed to enter into contracts with Mammoth Networks, Aperion Utility Construction, and San Miguel Power Association, for the work described above and for the amounts described above. All contract expenditures and obligations shall be subject to annual appropriations.

SECTION 2. PUBLICATION. After final adoption, notice of passage shall be published in the manner prescribed by the Town Charter.

SECTION 3. SEVERABILITY.

If any one or more sections or parts of this Ordinance is adjudged unenforceable or invalid by a court of competent jurisdiction, such judgment shall not affect, impair, or invalidate the remaining provisions of this Ordinance, the intention being that the various provisions herein are severable.


SECTION 4: EFFECTIVE DATE:

This Ordinance shall take effect upon publication of notice of passage.

Introduced, Read and Approved on First Reading by the General Assembly on the 20 day of June, 2017.

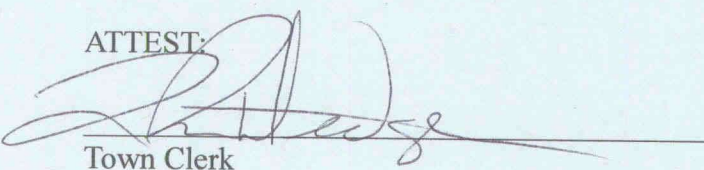
Approved and Adopted on Second and Final Reading by the General Assembly of the Town of Ophir on the 18 day of July, 2017.

(SEAL)



Mayor Pro Tem PAUL EMRICK

ATTEST:



Town Clerk

APPROVED AS TO FORM:



Town Attorney

Attachments: Contracts