

**EXAMPLE ONLY**

Please refer to the Notice of Funding Opportunity for TBCP program and budget requirements

**Tribal Broadband Connectivity Grant Program**

**Budget Guidance for Broadband Infrastructure Deployment Projects**

*This guidance document is for informational purposes only and is intended solely to assist applicants in better understanding the NTIA Tribal Broadband Connectivity Program, and the requirements set forth in the program's Notice of Funding Opportunity (NOFO). This guidance does not and is not intended to supersede, modify, or otherwise alter applicable statutory or regulatory requirements, or the specific application requirements set forth in the program's NOFO. In all cases, statutory and regulatory mandates, and the requirements set forth in the program's NOFO, shall prevail over any inconsistencies contained in the guidance below.*

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### **Tribal Broadband Connectivity Grant Program**

#### **SF-424C Guidance**

The budget information for construction projects, known as the Standard Form 424C or SF-424C, is a required form for applicants applying for a broadband infrastructure deployment project under the Tribal Broadband Connectivity Grant Program (TBCP). The SF-424C is not required if the applicant is applying for a broadband use and adoption project.

The applicant should enter the costs for each cost classification in column A-Total Cost. Each of the cost classification charges listed in column A must match the budget detail spreadsheet and budget narrative.

If the applicant has charges that are not allowable under the grant program, but they are included in the budget, the applicant should list these in column B-Cost Not Allowable for Participation. If any charges are unallowable, the applicant must include an explanation in the budget narrative for each unallowable charge.

The applicant will then complete column C-Total Allowable Costs by subtracting the unallowable costs from the allowable costs.

Applicants should leave row 15 blank if no program income is expected. Program income is not required or expected of TBCP grants. If an applicant expects their project to generate income prior to completion of activities, please contact [tbcпноfo2@ntia.gov](mailto:tbcпноfo2@ntia.gov) to discuss.

If the applicant is applying only for an infrastructure deployment project, the total in row 16 must match field 18 on the SF-424.

The TBCP does not require contribution of matching funds/non-federal cost share. Therefore, for question 17, so long as the applicant is not contributing matching funds, the applicant should multiply the award number by 100%.

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### **Tribal Broadband Connectivity Grant Program**

#### **Budget Narrative Guidance for Broadband Infrastructure Deployment Projects**

All applications for Broadband Infrastructure Deployment projects must have a detailed budget narrative explaining and justifying the federal expenditures by object class as listed in on the SF-424C.

For each object class in the SF-424C, applicants should include detailed descriptions and cost justifications for the listed costs. The budget narrative must match the budget detail worksheet and SF-424C dollar amounts. If the applicant is applying ONLY for a broadband infrastructure deployment project, the budget narrative must also match the total dollar amount on the SF-424. If the applicant is applying for BOTH broadband infrastructure deployment and broadband adoption and use, the sum total of the dollar amounts in both budget narratives must match the total dollar amount in the SF-424.

Costs proposed for this grant program must be reasonable, allowable, allocable, and necessary to the supported activity. Please refer to 2 CFR Part 200 for applicable administrative requirements and cost principles. Please refer to the Notice of Funding Opportunity (NOFO) for program objectives as well as specific allowable and unallowable costs and activities.

For each cost listed below, the applicant must provide the breakdown of each cost (typically completed in a chart), as well as a narrative explanation for each cost.

#### **Total Federal Funding for Broadband Infrastructure Deployment Project**

List the total requested funding at the top of the budget narrative. If the applicant is applying for only a broadband infrastructure deployment project, then the total listed here must match the total in the SF-424, SF-424C and the budget detail spreadsheet.

If the applicant is applying for both a broadband use and adoption project and a broadband infrastructure deployment project, then the total listed here must match the total in the SF-424C and the infrastructure deployment budget detail spreadsheet.

Applicants applying for both a broadband use and adoption project and a broadband infrastructure deployment project must ensure that the total request listed in their SF424 matches the combined requests listed in both budget narratives, budget detail spreadsheets, and the SF-424A and SF-424C funding totals.

Applicants should list out the total Federal request, total cash match (if applicable), and total in-kind match (if applicable). The applicant should then provide the total matching funds for all match (cash and in-kind), if any, as the percentage of total project costs. NTIA does not require TBCP applicants to provide non-federal cost share and will not give additional consideration during the evaluation process for applications containing non-federal cost share.

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### 1. Administrative and Legal expenses

Section 905(c)(6) of the Act prohibits an eligible entity from using more than two percent (2%) of grant funds received under the TBCP for administrative expenses. For this purpose, the two percent limitation on administrative expenses includes the combined total of indirect costs and direct administrative costs charged to an award.

If an applicant knows the total direct charges to the award but is unsure what the maximum (2%) indirect and direct administrative charges dollar amount is, they can use the formula below.

Total Grant Funds Requested x 0.02 = Administrative expense cap for the grant award  
(total of direct and indirect administrative costs)

Administrative expense cap + direct programmatic charges = total award amount

Example: The total award amount is \$413,000.

$\$413,000 \times 0.02 = \$8,260$

Administrative expense cap (total of direct administrative costs and indirect costs):  
\$8,260

Total Direct Programmatic Charges: \$404,740

Total Award: \$413,000

Examples of direct administrative expenses include direct project costs attributable to preparing grant reports, accounting, auditing, contracting, budgeting, and legal services.

Examples of indirect costs include facility occupancy costs (*e.g.*, rent, utilities, insurance, taxes, and maintenance), general liability insurance that protects the organization (not directly related to a program), and depreciation on buildings and equipment.

Administrative and legal fees should be listed by category (*e.g.*, rent, training, grant management, etc.), or broken down by line item as much as possible. Each line must include the total time (*e.g.*, total number of hours), cost per unit, and the total cost for that line item. If applicable, time commitment(s) such as hours or level of effort should be provided.

Along with the calculations for each line item, applicants must provide a description of each charge to include what it is, who will be doing it (if applicable and if known), and how it relates to the project objectives. If the applicant will be providing a cash or in-kind match in this cost category (not required), this must be noted and explained in the justification.

Sample Justification for Federally funded activities:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
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Grant Management activities	Hours	\$50.00	300	\$15,000
Legal Fees	Hours	\$150.00	600	\$90,000
Training Fees	Hours	\$20.00	100	\$2,000

Example details for items above:

Grant Management Activities (\$15,000) – Staff time (exact staff TBD) to complete mandatory grant management activities such as completing reports, responding to audit requirements, conducting budgetary activities, and other activities as required by the grantor. These activities are necessary to meet the reporting and compliance requirements of the grant program. This position will be Federally funded/not match funded.

Legal Fees (\$90,000) – Development of inter-Tribal agreements and MOUs between the various organizations involved in the grant, to include sub-grantees. Conduct legal reviews for all contracts in accordance with Tribal procurement policy. These reviews are necessary to meet the project requirements and to mitigate legal risk to the Tribe. This position will be Federally funded/not match funded.

Training Fees (\$2,000) – The training expenses will be for a selected vendor (TBD) to train Tribal staff on maintenance and management of the newly installed system. This will lessen reliance on future vendors and decrease future maintenance costs for the Tribe.

**2. Land, structures, rights-of-way, appraisals, etc.**

Provide a description of estimated costs, proposed activities and any additional information. Each line item should be listed with the following information:

- Description: a description of what is needed to be purchased or the explanation of the fee/permit, etc.
- Unit basis: How you are counting each item (by mile, by feet, individually, etc.)
- Unit cost: the cost for one unit (from the unit basis)
- Number of units: total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
12' by 20' Utility building/hut	Each	\$40,000	12	\$480,000

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Railroad crossing permit	Cost is per crossing	\$2800	10	\$28,000
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Example detail:

Utility Huts (\$480,000) – One hut for each of the 12 new node sites. This price is based on a quote from Huts-are-us, a prefabricated telecom building manufacturer. The sites are fully functional and have a full HVAC system.

Railroad crossing permits (\$28,000) – There are 10 areas/locations where the network will have to cross under the path of a railroad. Because of this barrier, special construction fees, insurance and city taxes are required to perform the work. The cost is based on past experience of crossing under railroads in a nearby Tribal entity location. In order to complete the project successfully, the network must cross the railroads and cannot go around them.

**3. Relocation expenses and payments**

Applicants must provide an explanation for the relocation, description of the items involved in relocation, methods used to calculate the costs, and any additional information to describe the costs around relocation.

Each line item should be listed with the following information:

- Description: A description of what will be relocated or the payments for relocation
- Unit basis: How you are counting each item (by unit, individually, etc.)
- Unit cost: The cost for one unit (from the unit basis)
- Number of units: Total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Moving/relocating NOC to a new building	Each	\$50,000	1	\$50,000

Example detail:

Relocation of NOC (\$50,000) – Relocation of network operations center (NOC) from an old building at A location to a new building at B location. The old building will be demolished and it is necessary to keep this NOC for project activities. Cost estimate provided by a local vendor. Cost is inclusive of the trucks to move the equipment from one location to the other, fuel for the trucks, and staff time to do the moving.

## EXAMPLE ONLY

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### 4. Architectural and engineering fees

Provide a description of estimated fees, explanation of proposed services and additional information as needed. Engineering and network design costs should be included in this section.

Each fee should be listed individually with the following information:

- Description: A description of the fee
- Unit basis: How you are counting each fee (hourly, flat fee, annual fee, etc.)
- Unit cost: The cost for one unit (from the unit basis)
- Number of units: Total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Site Architectural Plans	Each	\$3,200	15	\$48,000
CAD Design	Cost per hour	\$75	2000	\$150,000

Example detail:

Site Architectural Plans (\$48,000) – The cost is per site improvement plans for each of the Node sites, including basic node design and site plans. The costs are estimated based on industry standards for the area.

CAD Design (\$150,000) – The CAD design will be completed by a consultant using a design program in AutoCAD for the construction, permits and cable location records. The time is estimated at 2,000 hours at \$75 an hour over the one-year period of performance. \$75 an hour is the average per hour cost for a mid-level consultant per the department of labor.

### 5. Other architectural and engineering fees

Provide a description of any other fees, to include architectural fees, engineering fees, town or county fees required for the project. Additional fees may include testing fees for network or equipment, or entity fees, such as field studies/field fees.

Each fee should be listed individually with the following information:

- Description: A description of the fee
- Unit basis: How you are counting each fee (hourly, flat fee, annual fee, etc.)
- Unit cost: The cost for one unit (from the unit basis)
- Number of units: Total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

### EXAMPLE ONLY

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Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Network System Testing	Each	\$40,000	12	\$480,000
Cable Testing	Cost per hour	\$125	1500	\$187,500

Example detail:

Network System Testing (\$480,000) – Overall testing of the network. Two techs at one week of each of the 12 nodes plus the NOC. Rates are industry standard for 2 people in this type of role.

Cable Testing (\$187,500) – End-to-end cable testing and troubleshooting between 12 nodes. This will be completed by two people over the period of performance totaling \$187,500. The rate of \$125 an hour is the standard rate for this type of work in our area.

## 6. Project Inspection fees

Provide a description of any project inspection fees, to include local, Tribal, or Federal fees directly related to project inspection. Administrative or filing fees should not be listed in this section, but rather should be included in the administrative or legal expenses (a) section.

Each fee should be listed individually with the following information:

- Description: A description of the fee
- Unit basis: How you are counting each fee (hourly, flat fee, annual fee, etc.)
- Unit cost: The cost for one unit (from the unit basis)
- Number of units: Total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Quality Control inspection fees	Each	\$100	24	\$2,400

Example detail:

Quality Control inspection fees (\$2,400) – Quality control inspection fees are required to assure compliance with local regulations. 24 inspections over the period of performance. The billing rate is set by local governments and is completed per review.



## EXAMPLE ONLY

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### 7. Site work

Provide a description of any site work, site preparation, or site utility work necessary for the project. Administrative or filing fees or costs should not be listed in this section, but rather should be included in the administrative or legal expenses (a) section.

Each line item should be listed individually with the following information:

- Description: A description of the site work
- Unit basis: How you are counting each item (hourly, flat fee, annual fee, etc.)
- Unit cost: The cost for one unit (from the unit basis)
- Number of units: Total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Fencing – 30’ x 30’	Per Node	\$7,000	12	\$84,000

Example detail:

Fencing (\$84,000) – 6-foot chain link fencing with security wiring and two gates. Local contractor estimated \$7,000 per site based on previous, similar work. Each node (12) will require fencing.

### 8. Demolition and removal

Provide a description of any demolition and removal activities for the project.

Each activity should be listed individually with the following information:

- Description: A description of the demolition or removal
- Unit basis: How you are counting each activity (hourly, flat fee, annual, etc.)
- Unit cost: The cost for one unit (from the unit basis)
- Number of units: Total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
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Demolition of building	Each	\$100,000	1	\$100,000
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Example detail:

Demolition of building (\$100,000) – Demolition of an existing structure (office building) at location A to erect a new vendor neutral wireless tower at the same location. Demolition estimates were provided by a local vendor. Demolition includes razing the structure to the foundation and hauling away all debris for disposal. This location was determined to be the only place in location A that would work for a tower and that is why it is necessary to remove the building, rather than put the tower at another location.

## 9. Construction

Provide a description of any construction activities for the project. Include all applicable taxes and delivery fees into the line item cost (do not have separate line items for these charges).

Each activity should be listed individually with the following information:

- Description: A description of the activity
- Unit basis: How you are counting each activity (hourly, flat fee, annual, etc.)
- Unit cost: The cost for one unit (from the unit basis)
- Number of units: Total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Asphalt	Per Yard	\$120	150	\$18,000
Wireless Tower	Each	\$20,000	8	\$160,000

Example detail:

Asphalt (\$18,000) – Charge is per yard for an estimate of 150 yards. The estimated 150 yards is based on the number of boring locals in later cables and on a main route next to one of the nodes. Prices are from a local vendor quote.

Wireless towers (\$160,000) – Total 8 wireless towers at \$20,000 each totaling \$160,000. Each monopole tower will facilitate interconnection by last mile service providers and meet open network standards. Price is quoted by two local vendors and is average for the local area.

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### 10. Equipment

Provide a description of any equipment for the project, but do not include equipment components of the network that are associated with construction activities. In your description of the equipment, include the brand or manufacturer as well as estimated price and technology specifications. Include small office machinery and other office requirements as applicable. Include all applicable taxes and delivery fees into the line item cost (do not have separate line items for these charges).

Each activity should be listed individually with the following information:

- Description: A description of the activity
- Unit basis: How you are counting each activity (hourly, flat fee, annual, etc.)
- Unit cost: The cost for one unit (from the unit basis)
- Number of units: Total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Laptops/GPS	Each	\$2,000	5	\$10,000
Communications Equipment	Each	\$3,800	12	\$45,600

Example detail:

Laptops/GPS (\$10,000) – Dell laptops equipped with basic office service package for the inspectors and field engineers. Purchase price is based on entity general schedule purchase agreements.

Communications Equipment (\$45,600) – Package of equipment for on-site crew and key employees. Includes a cell phone, PBX system and satellite capability. Purchase price is based on local vendor quotes.

### 11. Miscellaneous

Provide a description and breakout of any activities costs that do not fit into other cost classifications, as defined by the SF-424C.

Put any costs for the planning, feasibility, or sustainability studies in this section. Pursuant to Section 905(c)(6)(B) of the Act, as amended by the Infrastructure Investment and Jobs Act, Division F, Title II, Section 60201 (Pub. L. 117-58), planning, feasibility, and sustainability studies may not exceed 2.5 percent of the total project costs if they are incorporated into a larger

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construction project. If your application only consists of a planning and/or feasibility study activity, and does not propose to use any grant funding for the construction of broadband infrastructure, this percent limitation does not apply.

Each activity should be listed individually with the following information:

- Description: a description of the activity
- Unit basis: How you are counting each activity (hourly, flat fee, annual, etc.)
- Unit cost: the cost for one unit (from the unit basis)
- Number of units: total number of units (from the unit basis)
- Total cost: Unit cost x number of units = total cost

Example:

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Feasibility Study for location A	Each	\$2,500	1	\$2,500

Example detail:

Feasibility Study for location A (\$2,500) – costs to complete a feasibility study for location A prior to starting any construction or demolition activities. Feasibility study is necessary to complete as the location has unusual geography and will help determine what site remediation is necessary in order to complete project work at the location.

## 12. Contingencies

Contingency costs are allowable but must be reasonable and consistent with the cost principles, specifically 2 CFR 200.433. Section 200.433 describes a contingency as that part of a budget estimate of future costs (typically of large construction projects, IT systems, or other items as approved by the Federal awarding agency) which is associated with possible events or conditions arising from causes the precise outcome of which is indeterminable at the time of estimate, and that experience shows will likely result, in aggregate, in additional costs for the approved activity or project. Amounts for major project scope changes, unforeseen risks, or extraordinary events may not be included.

An applicant may include contingency costs (other than those expressly excluded as noted in the above paragraph) in budget estimates to the extent they are necessary to improve the precision of those estimates. Amounts must be estimated using broadly-accepted cost estimating methodologies, specified in the Budget Narrative, and accepted by NTIA. For TBCP, contingency costs are generally considered reasonable if they are 10-15 percent of total construction costs or less, otherwise the applicant should provide justification for the higher costs.

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**13. Program Income**

Program income is not expected or required for TBCP projects. If you expect the project to generate income prior to completion of activities, please contact [tbcпноfo2@ntia.gov](mailto:tbcпноfo2@ntia.gov) to discuss.

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**Tribal Broadband Connectivity Grant Program**

**Sample Budget Narrative for Broadband Infrastructure Deployment Project**

This is only a sample budget narrative to help applicants comply with the budget narrative requirement for the TBCP. Please refer to the Notice of Funding Opportunity for information on the grant program activities and costs. Applicants must complete their own Budget Narratives with details specific to their particular project.

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**ABC Native Community Broadband Infrastructure Deployment Project**

**Total Federal Funding for Broadband Use and Adoption Project: \$2,868,900**

**1. Administrative and Legal Expenses - \$50,000**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Grant Management activities	Hours	\$50.00	300	\$15,000
Legal Fees	Hours	\$150.00	600	\$90,000
Training Fees	Hours	\$20.00	100	\$2,000

Grant Management Activities (\$4,000) – Staff time (exact staff TBD) to complete mandatory grant management activities such as completing reports, responding to audit requirements, conducting budgetary activities, and other activities as required by the grantor. These activities are necessary to meet the reporting and compliance requirements of the grant program.

Legal Fees (\$20,000) – Development of inter-Tribal agreements and MOUs between the various organizations involved in the grant, to include sub-grantees. Also will conduct legal reviews for all contracts in accordance with Tribal procurement policy. These reviews are necessary to meet the project requirements and to mitigate legal risk to the Tribe.

Training Fees (\$2,000) – The training expenses will be for a selected vendor (TBD) to train Tribal staff on maintenance and management of the newly installed systems and equipment. This will lessen reliance on future vendors and decrease future maintenance costs for the Tribe.

Project Management (\$24,000) – Project manager staff time (exact staff TBD) to conduct day-to-day implementation of the project. As there are several sub-projects being completed at the same time, project management is essential to the overall success of the project and to ensure grant funds are used appropriately.

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#### 2. Land, structures, rights-of-way, appraisals, etc. - \$508,000

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
12' by 20' Utility building/hut	Each	\$40,000	12	\$480,000
Railroad crossing permit	Cost is per crossing	\$2800	10	\$28,000

Utility Hut (\$480,000) – One, prefabricated hut for each of the 12 new node sites. This price is based on a quote from a local vendor specializing in prefabricated telecom buildings. The sites are fully functional and have a full HVAC system.

Railroad crossing permits (\$28,000) – There are 10 areas/locations where the network will have to cross under the path of a railroad. Because of this barrier, special construction fees, insurance and city taxes are required to perform the work. The cost is based on past experience of crossing under railroads in a nearby Tribal entity location. In order to complete the project successfully, the network must cross the railroads and cannot go around them.

#### 3. Relocation expenses and payments - \$50,000

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Moving/relocating NOC to a new building	Each	\$50,000	1	\$50,000

Relocation of NOC (\$50,000) – Relocation of network operations center (NOC) from an old building at A location to a new building at B location. The old building will be demolished and it is necessary to keep this NOC for project activities. Cost estimate provided by a local vendor. Cost is inclusive of the trucks to move the equipment from one location to the other, fuel for the trucks, and staff time to do the moving.

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**4. Architectural and engineering fees - \$198,000**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Site Architectural Plans	Each	\$3,200	15	\$48,000
CAD Design	Cost per hour	\$75	2000	\$150,000

Site Architectural Plans (\$48,000) – The cost is per site improvement plans for each of the Node sites, including basic node design and site plans. The costs are estimated based on industry standard for the area.

CAD Design (\$150,000) – The CAD design will be completed by a consultant using a computer-based design program in AutoCAD for the construction, permits and cable location records. The time is estimated at 2,000 hours at \$75 an hour over the one-year period of performance. \$75 an hour is the average per hour cost for a mid-level consultant per the Department of Labor.

**5. Other architectural and engineering fees**

No other architectural and engineering fees will be charged for this project.

**6. Project Inspection fees - \$2,400**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Quality Control inspection fees	Each	\$100	24	\$2,400

Quality Control inspection fees (\$2,400) – Quality control inspection fees are required to assure compliance with local regulations. 24 inspections over the period of performance. The billing rate is set by local governments and is completed per review.



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**7. Site work - \$84,000**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Fencing – 30’ x 30’	Per Node	\$7,000	12	\$84,000

Fencing (\$84,000) – Six-foot chain link fencing with security wiring and two gates. Local contractor estimated \$7,000 per site based on previous, similar work. Each node (12) will require fencing.

**8. Demolition and removal - \$100,000**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Demolition of building	Each	\$100,000	1	\$100,000

Demolition of building (\$100,000) – Demolition of an existing structure (office building) at location A to erect a new vendor neutral wireless tower at the same location. Demolition estimates were provided by a local vendor. Demolition includes razing the structure to the foundation and hauling away all debris for disposal. This location was determined to be the only place in location A that would work for a tower and that is why it is necessary to remove the building, rather than put the tower at another location.

**9. Construction - \$1,284,000**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Asphalt and wiring	Per Yard	\$560	150	\$84,000
Wireless Towers	Each	\$300,000	4	\$1,200,000

Asphalt and wiring (\$84,000) – Charge is per yard for an estimate of 150 yards. The estimated 150 yards is based on the number of boring locals in later cables and on a main route next to one of the nodes. Prices are from a local vendor quote.

Wireless towers (\$1,200,000) – Total 4 wireless towers at \$300,000 each totaling \$1,200,000. Each monopole tower will facilitate interconnection by last mile service providers and meet open network standards. Price is quoted by two local vendors and is average for the local area.

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Please refer to the Notice of Funding Opportunity for TBCP program and budget requirements

**10. Equipment - \$590,000**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost
Laptops/GPS	Each	\$2,000	5	\$10,000
Communications Equipment	Each	\$4,000	40	\$160,000
700mHz antenna	Each	\$15,000	4	\$60,000
eNodeB site	Each	\$90,000	4	\$360,000

Laptops/GPS (\$10,000) – Dell laptops equipped with basic office service package for the inspectors and field engineers. Purchase price is based on entity general schedule purchase agreements.

Communications Equipment (\$160,000) - Package of equipment for on-site crew and key employees. Includes a cell phone, PBX system and satellite capability. Purchase price is based on local vendor quote. See attached quote.

700 MHz antenna (\$60,000) – Panel antenna required for each new wireless site. Price is based on local vendor quote. See attached quote.

eNodeB Site (\$360,000) – Radio access point for subscribers at four locations. Price is based on local vendor quote. See attached quote.

**11. Miscellaneous – \$2,500**

Feasibility Study for location A (\$2,500) – Costs to complete a feasibility study for location A prior to starting any construction or demolition activities. Feasibility study is necessary to complete as the location has unusual geography and will help determine what site remediation is necessary in order to complete project work at the location.

**12. Contingencies - \$128,400**

The contingency costs for this project are 10% of the total construction cost. The contingency cost is drawn from a comparison to the actual costs of similar past projects, with adjustments made for the specifics of this project. The contingency cost totals \$128,400.

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Please refer to the Notice of Funding Opportunity for TBCP program and budget requirements

**Broadband Infrastructure Deployment Project Template**

**Total Federal Funding for Broadband Use and Adoption Project: \$**

**1. Administrative and legal expenses - \$**

*(Please note that this grant program has a 2% cap on administrative and legal expenses)*

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**2. Land, structures, rights-of-way, appraisals, etc. - \$**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**3. Relocation expenses and payments - \$**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**4. Architectural and engineering fees - \$**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**EXAMPLE ONLY**

Please refer to the Notice of Funding Opportunity for TBCP program and budget requirements

**5. Other architectural and engineering fees**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**6. Project inspection fees**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**7. Site work - \$**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**8. Demolition and removal - \$**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**9. Construction - \$**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**EXAMPLE ONLY**

Please refer to the Notice of Funding Opportunity for TBCP program and budget requirements

**10. Equipment - \$**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**11. Miscellaneous**

Description	Unit Basis	Unit Cost	Number of Units	Total Cost

**12. Contingencies**

*Contingency costs must be reasonable and must be allowable per 2 C.F.R. 200.433*

Description	Unit Basis	Unit Cost	Number of Units	Total Cost