

**BTOP Comprehensive Community Infrastructure  
Detailed Budget**

Please complete the General Budget Overview and Detailed Project Costs worksheets.

**Please refer to the Comprehensive Community Infrastructure Grant Guidance for detailed instructions on the completing this upload.**

Applicants are required to provide this upload as an Excel file, and not to convert it to a PDF prior to upload. Applicants should not alter the layout of the provided templates, except to insert additional line-items as needed in the Detailed Project Costs worksheet.

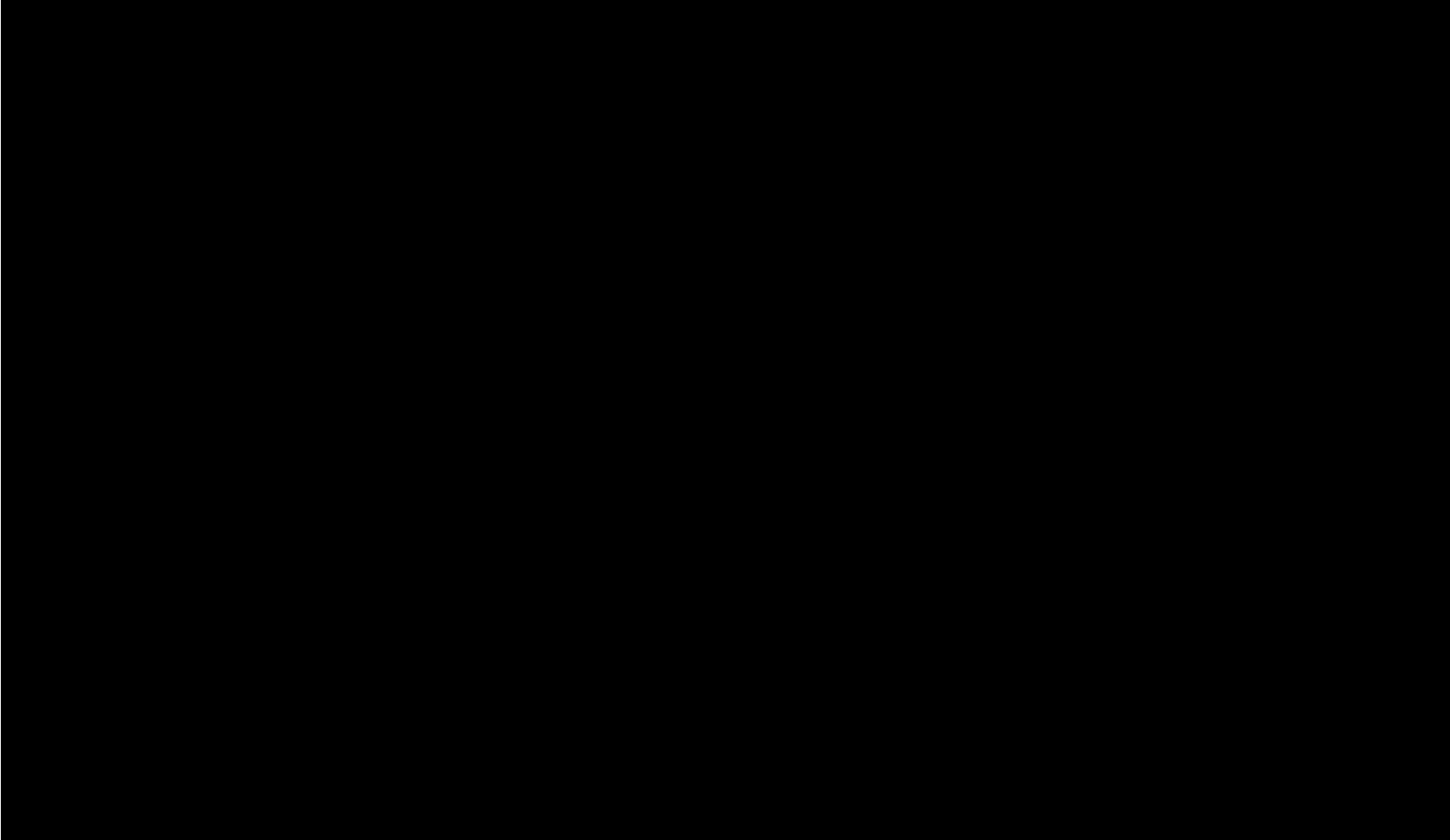
## General Budget Overview

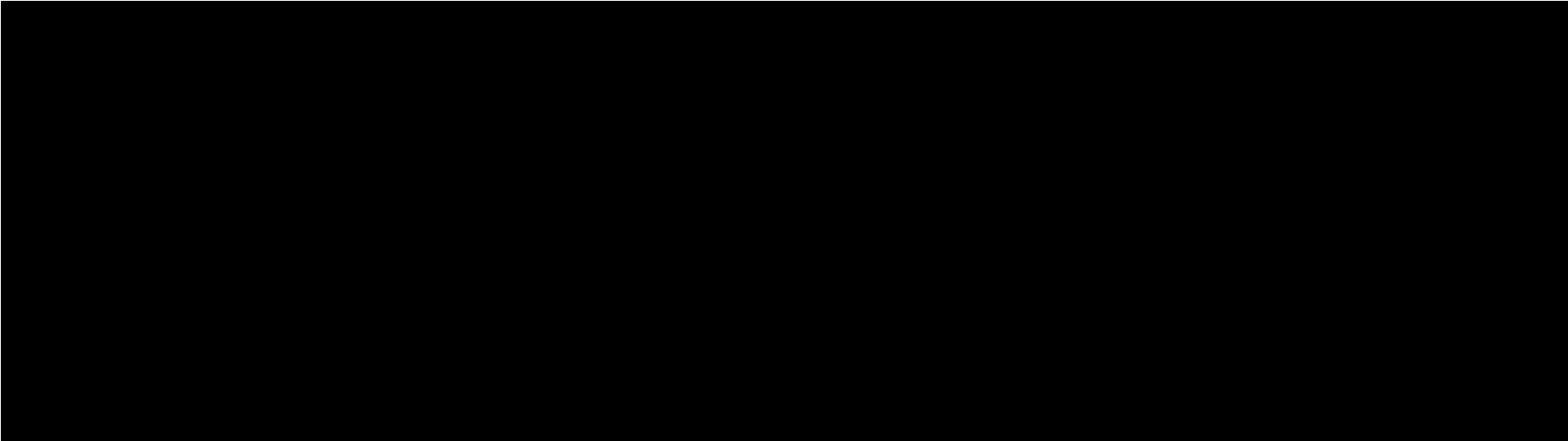
Budget	Federal Funding Request	Matching Funds (Cash)	Matching Funds (In-Kind)	Budget TOTAL	Last Mile Allocation	Middle Mile Allocation	Allocated TOTAL
Network & Access Equipment (switching, routing, transport, access)	\$1,536,870	\$658,659	\$0	\$2,195,529		\$2,195,529.00	\$2,195,529
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$11,021,912	\$4,723,677	\$0	\$15,745,589		\$15,745,588.61	\$15,745,589
Buildings and Land – (new construction, improvements, renovations, lease)	\$1,175,300	\$503,700	\$0	\$1,679,000		\$1,679,000.00	\$1,679,000
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)				\$0			\$0
Billing and Operational Support Systems (IT systems, software, etc.)				\$0			\$0
Operating Equipment (vehicles, office equipment, other)				\$0			\$0
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$1,928,074	\$826,317	\$0	\$2,754,391		\$2,754,391.19	\$2,754,391
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)				\$0			\$0
Site Preparation	\$35,700	\$15,300	\$0	\$51,000		\$51,000.00	\$51,000
Other				\$0			\$0
<b>TOTAL BROADBAND SYSTEM:</b>	<b>\$15,697,856</b>	<b>\$6,727,653</b>	<b>\$0</b>	<b>\$22,425,509</b>	<b>\$0</b>	<b>\$22,425,509</b>	<b>\$22,425,509</b>
<b>Cost Share Percentage:</b>	<b>70.00%</b>	<b>30.00%</b>	<b>0.00%</b>				

### DETAIL OF PROJECT COSTS

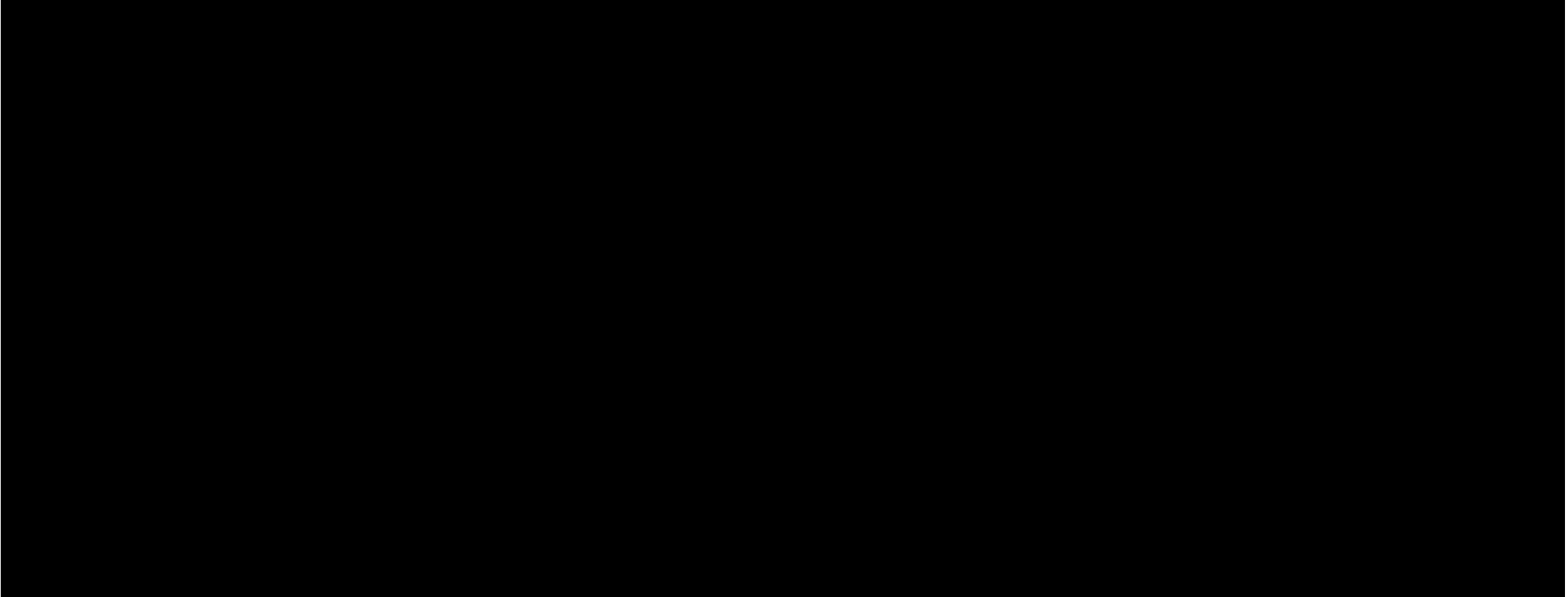
PLEASE COMPLETE THE TABLE BELOW FOR THE DIFFERENT CATEGORIES OF EQUIPMENT THAT WILL BE REQUIRED FOR COMPLETING THE PROJECT. EACH CATEGORY SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING UNIT COST

SERVICE AREA or COMMON NETWORK FACILITIES:	Match (Cash/In-kind)	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
NETWORK & ACCESS EQUIPMENT				\$2,195,529	\$0	\$2,195,529	\$2,195,529		

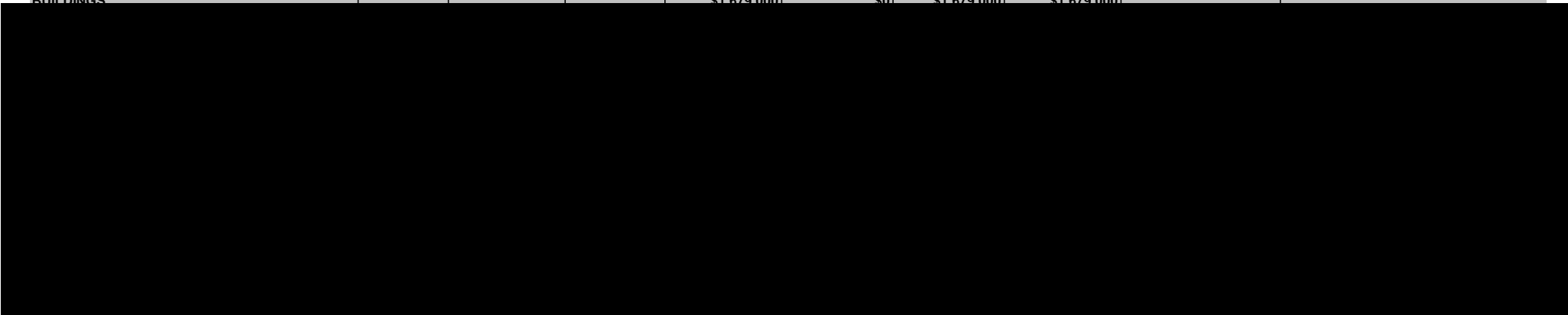




OUTSIDE PLANT			\$15,745,589	\$0	\$15,745,589	\$15,745,589	
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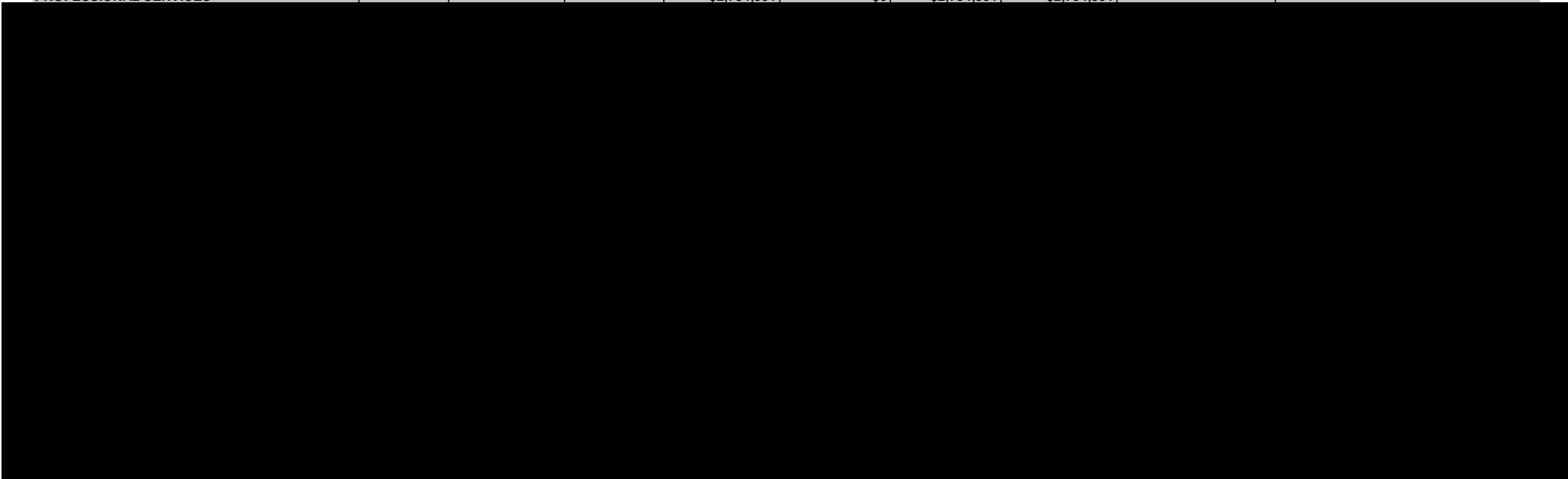


SERVICE AREA or COMMON NETWORK FACILITIES:	Match (Cash/In-kind)	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
BUILDINGS				\$1,679,000	\$0	\$1,679,000	\$1,679,000		



CUSTOMER PREMISE EQUIPMENT				\$0	\$0	\$0	\$0		
Modems				\$0			\$0		
				\$0			\$0		
				\$0			\$0		
Set Top Boxes				\$0			\$0		
				\$0			\$0		
				\$0			\$0		
Inside Writing				\$0			\$0		
				\$0			\$0		
				\$0			\$0		
Other				\$0			\$0		
				\$0			\$0		
				\$0			\$0		
BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS				\$0	\$0	\$0	\$0		
Billing Support Systems				\$0			\$0		
				\$0			\$0		
				\$0			\$0		
Customer Care Systems				\$0			\$0		
				\$0			\$0		
				\$0			\$0		
Other Support				\$0			\$0		
				\$0			\$0		
				\$0			\$0		

SERVICE AREA or COMMON NETWORK FACILITIES:		Match (Cash/In-kind)	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
<b>OPERATING EQUIPMENT</b>					\$0	\$0	\$0	\$0		
Vehicles					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Office Equipment / Furniture					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Other					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
<b>PROFESSIONAL SERVICES</b>					\$2,754,391	\$0	\$2,754,391	\$2,754,391		



<b>TESTING</b>					\$0	\$0	\$0	\$0		
Network Elements					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
IT System Elements					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
User Devices					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Test Generators				\$0			\$0			

					\$0			\$0		
					\$0			\$0		
Lab Furnishings					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Servers/Computer s					\$0			\$0		
					\$0			\$0		
					\$0			\$0		

SERVICE AREA or COMMON NETWORK FACILITIES:		Match (Cash/In-kind)	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
OTHER UPFRONT COSTS					\$51,000	\$0	\$51,000	\$51,000		
Other					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
<b>PROJECT TOTAL:</b>					\$22,425,509	\$0	\$22,425,509	\$22,425,509		

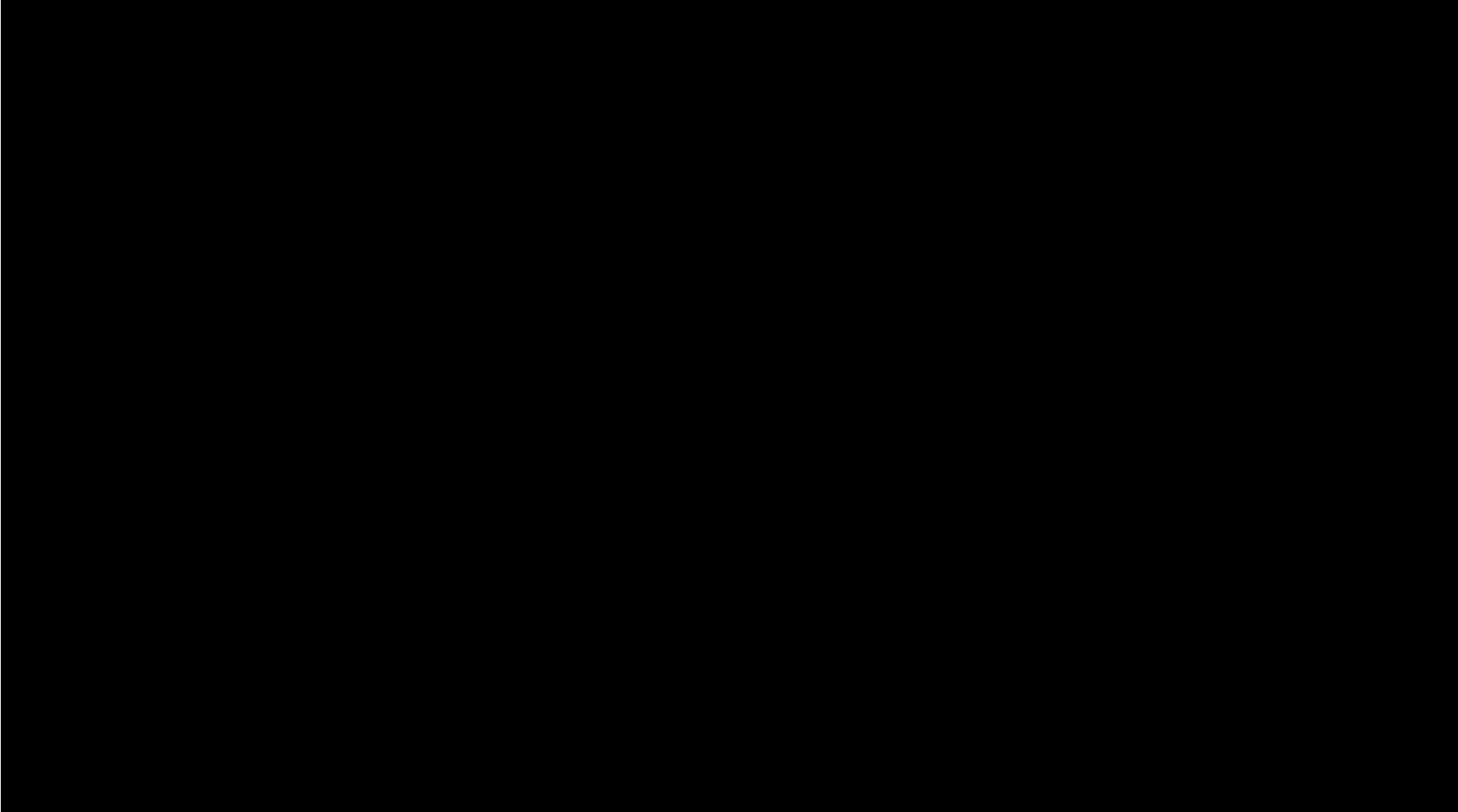


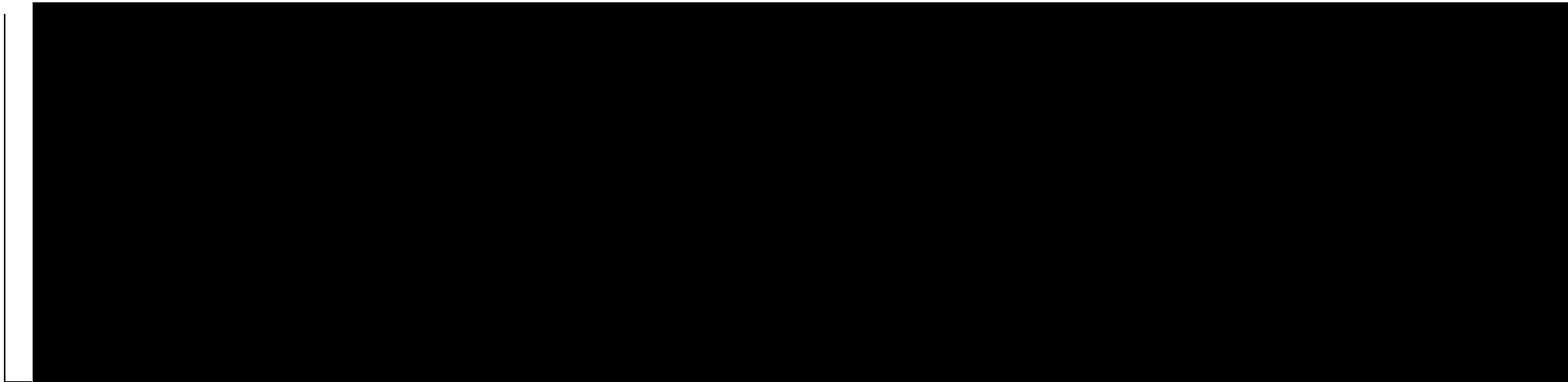
**DETAIL OF PROJECT COSTS**

Grant 70%  
 Match in Kind 0%  
 Cash in Kind 30%  
 Total 100%

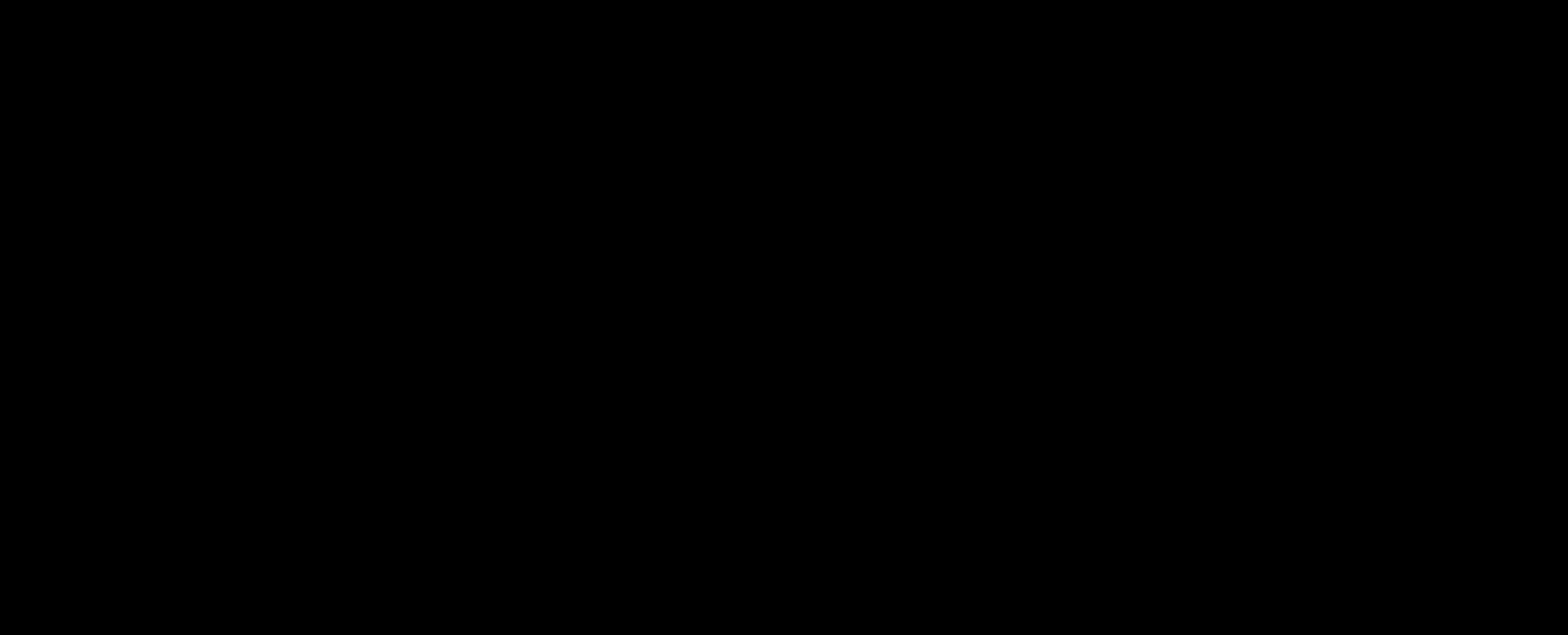
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 COMPLETING THE PROJECT. EACH CATEGORY SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING  
 UNIT COST

SERVICE AREA or COMMON NETWORK FACILITIES	Match (Cash/In-kind)	Total Cost	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
NETWORK & ACCESS EQUIPMENT					\$2,195,529	\$0	\$2,195,529	\$2,195,529		





OUTSIDE PLANT					\$15,745,589	\$0	\$15,745,589	\$15,745,589	
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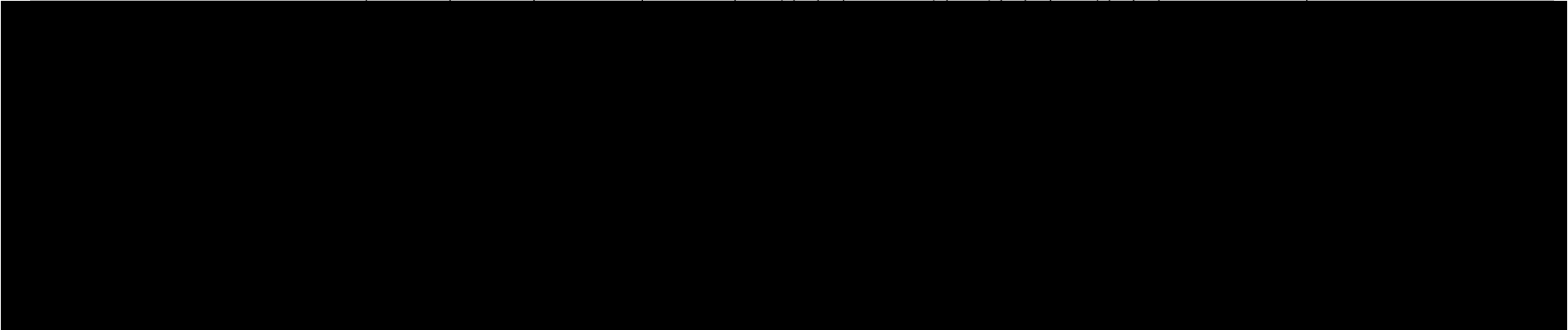


COMMON NETWORK		Match (Cash/In-kind)	Total Cost	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
BUILDINGS						\$1,679,000	\$0	\$1,679,000	\$1,679,000		



<b>CUSTOMER PREMISE EQUIPMENT</b>						\$0	\$0	\$0	\$0		
Modems						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Set Top Boxes						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Inside Writing						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
<b>BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS</b>						\$0	\$0	\$0	\$0		
Billing Support						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Customer Care						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other Support						\$0			\$0		
						\$0			\$0		
						\$0			\$0		

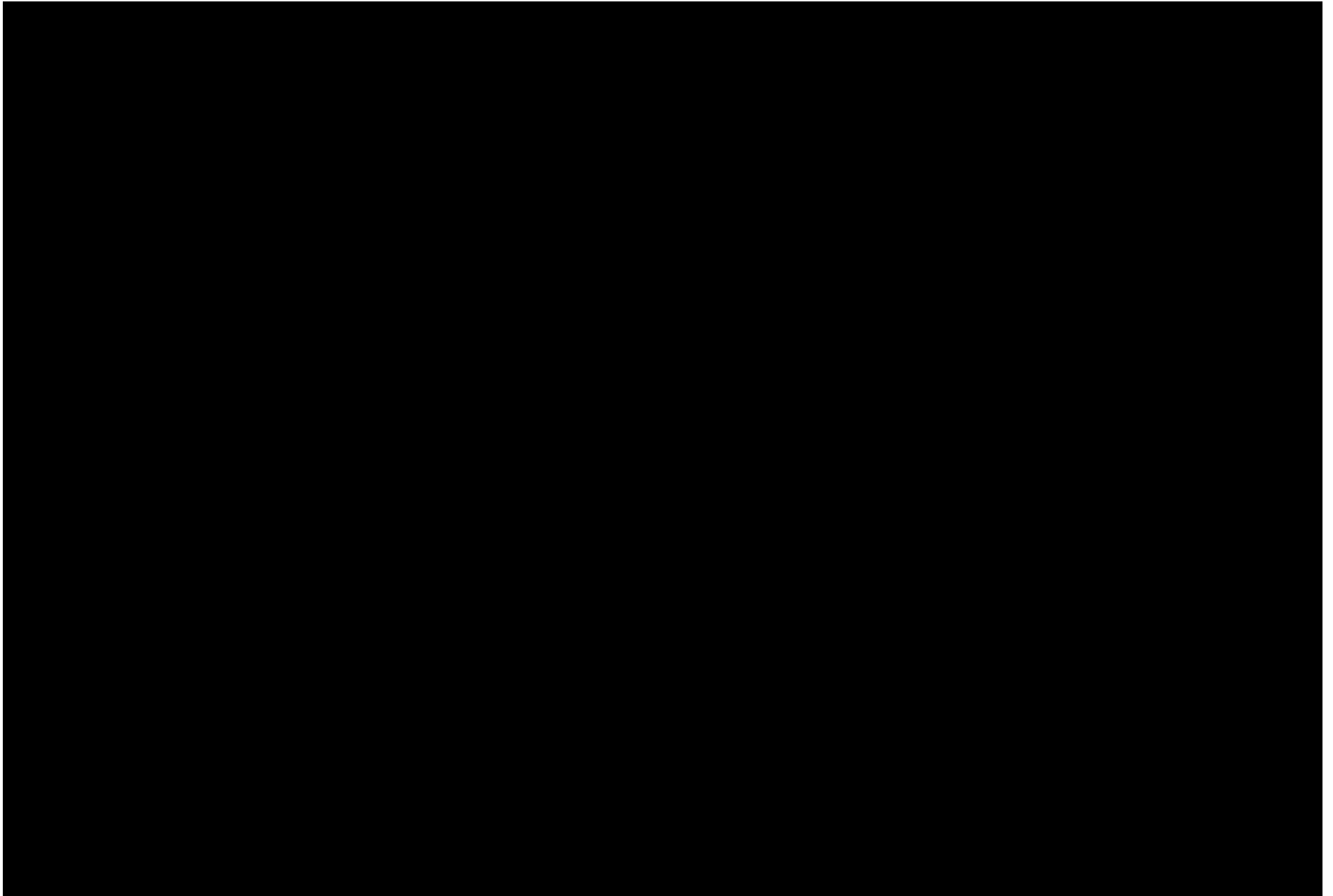
COMMON NETWORK		Match (Cash/In-kind)	Total Cost	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
<b>OPERATING EQUIPMENT</b>						\$0	\$0	\$0	\$0		
Vehicles						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Office Equipment /						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
<b>PROFESSIONAL SERVICES</b>						\$2,754,391	\$0	\$2,754,391	\$2,754,391		

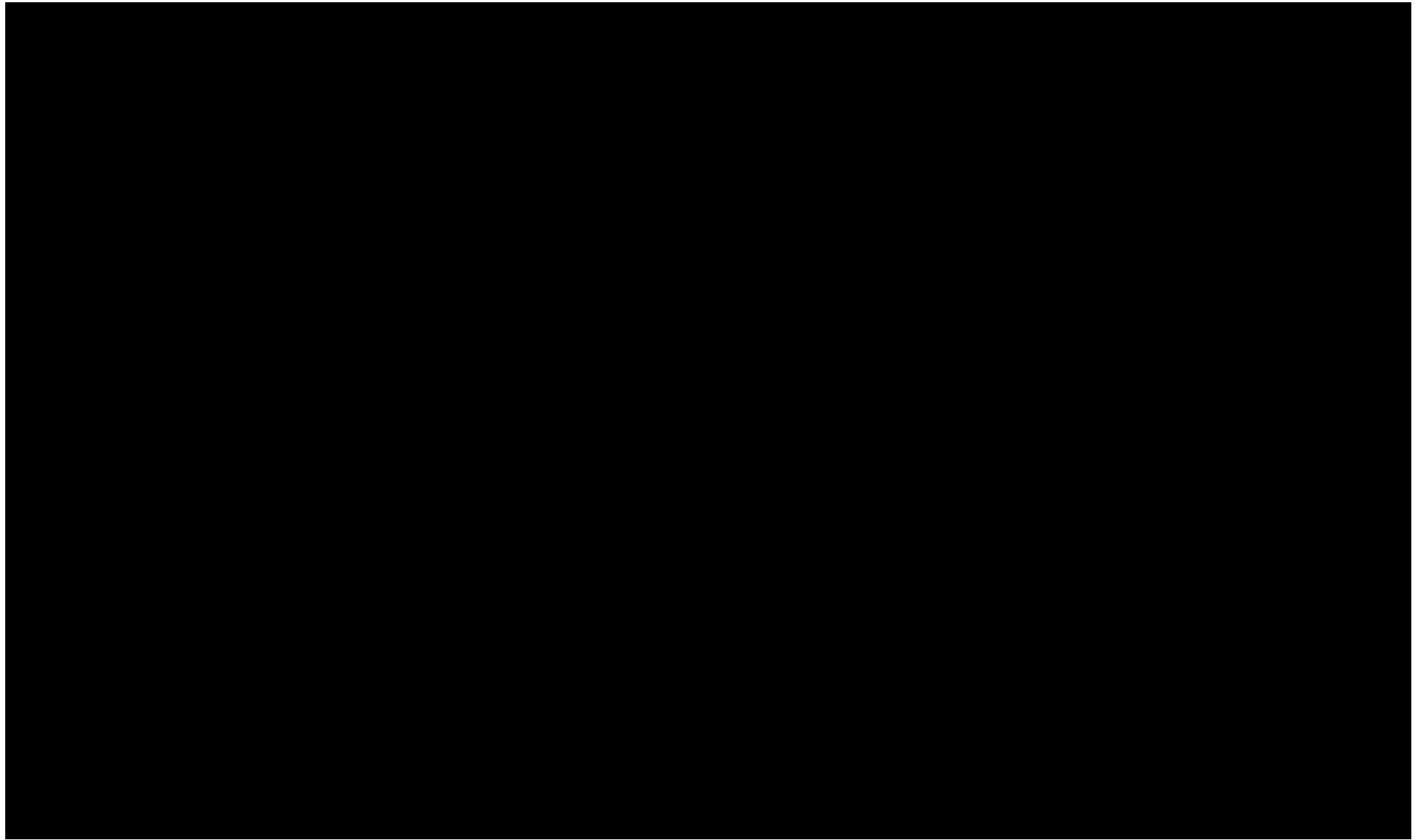


Consulting						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
<b>TESTING</b>						\$0	\$0	\$0	\$0		
Network						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
IT System						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
User Devices						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Test Generators						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Lab						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Servers/Computer						\$0			\$0		
						\$0			\$0		
						\$0			\$0		

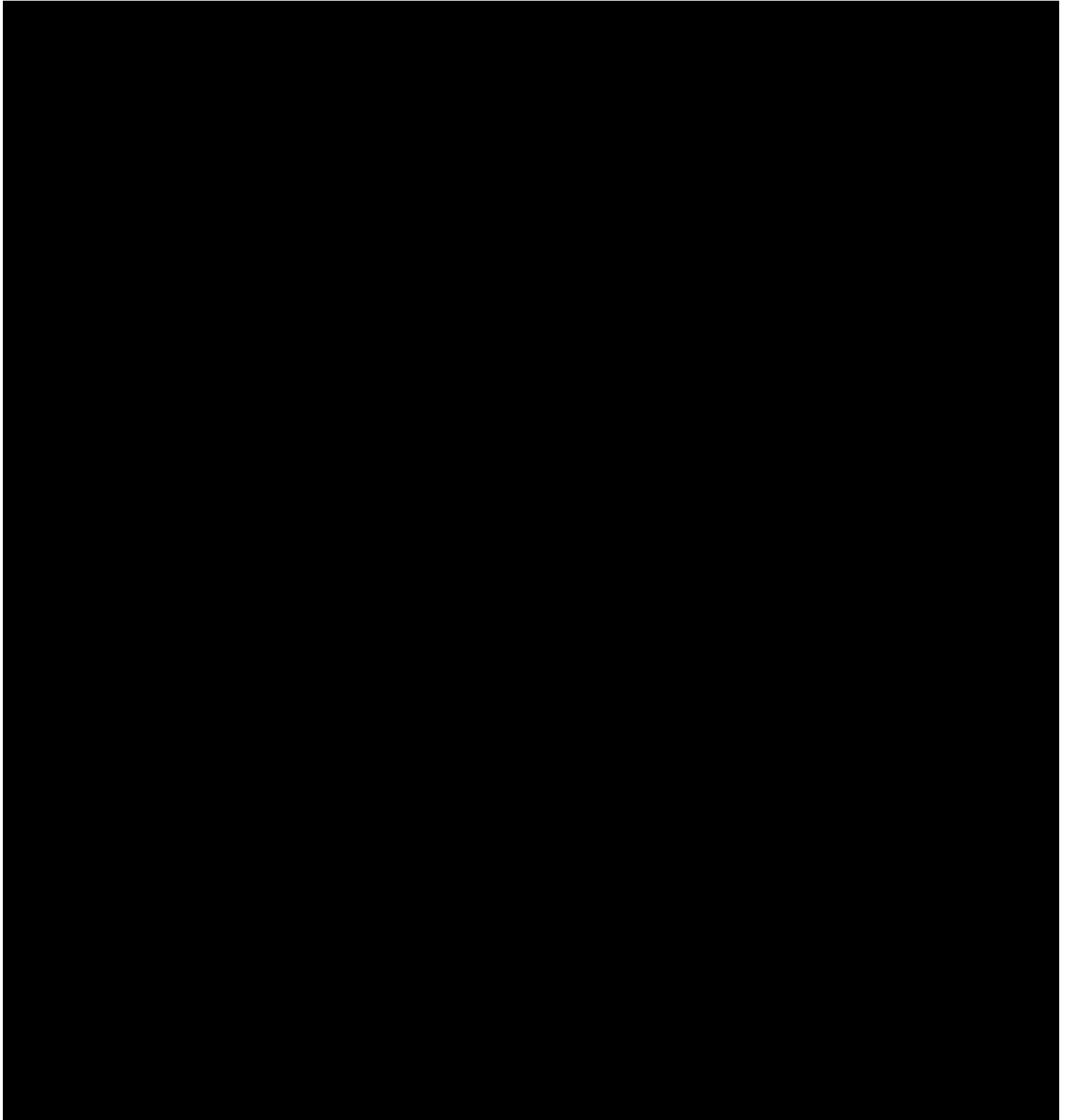
COMMON NETWORK		Match (Cash/In-kind)	Total Cost	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
<b>OTHER UPFRONT COSTS</b>											
						\$51,000	\$0	\$51,000	\$51,000		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
<b>PROJECT TOTAL</b>						<b>\$22,425,509</b>	<b>\$0</b>	<b>\$22,425,509</b>	<b>\$22,425,509</b>		

VTX Communications  
Round 2 NOFA  
Opinion of Probable Cost

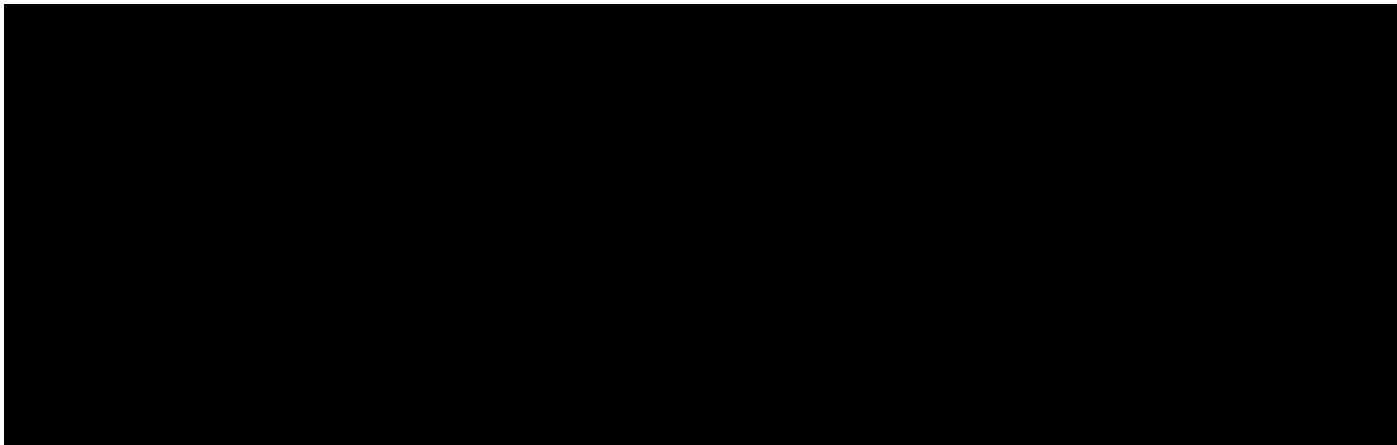




VTX Communications  
Round 2 NOFA  
Summary of Costs







**Land and Buildings**

- Buildings - Small
- Buildings - Large
- Site Work - Small
- Site Work - Large
- Land

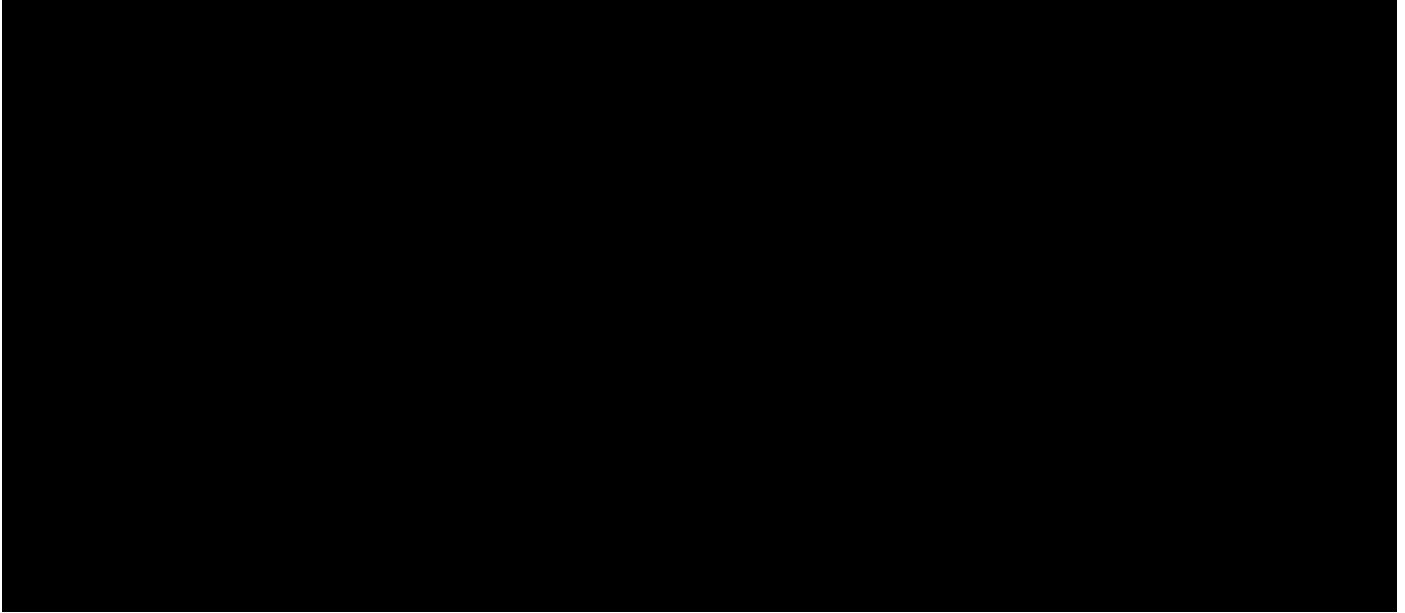
**Land Total**

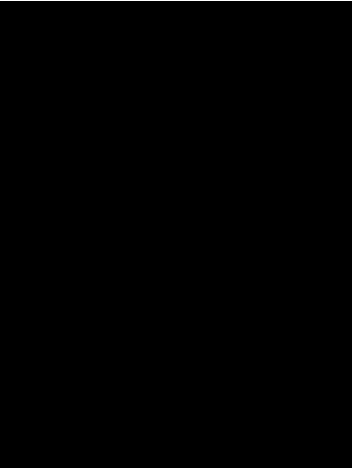
**Project Total**





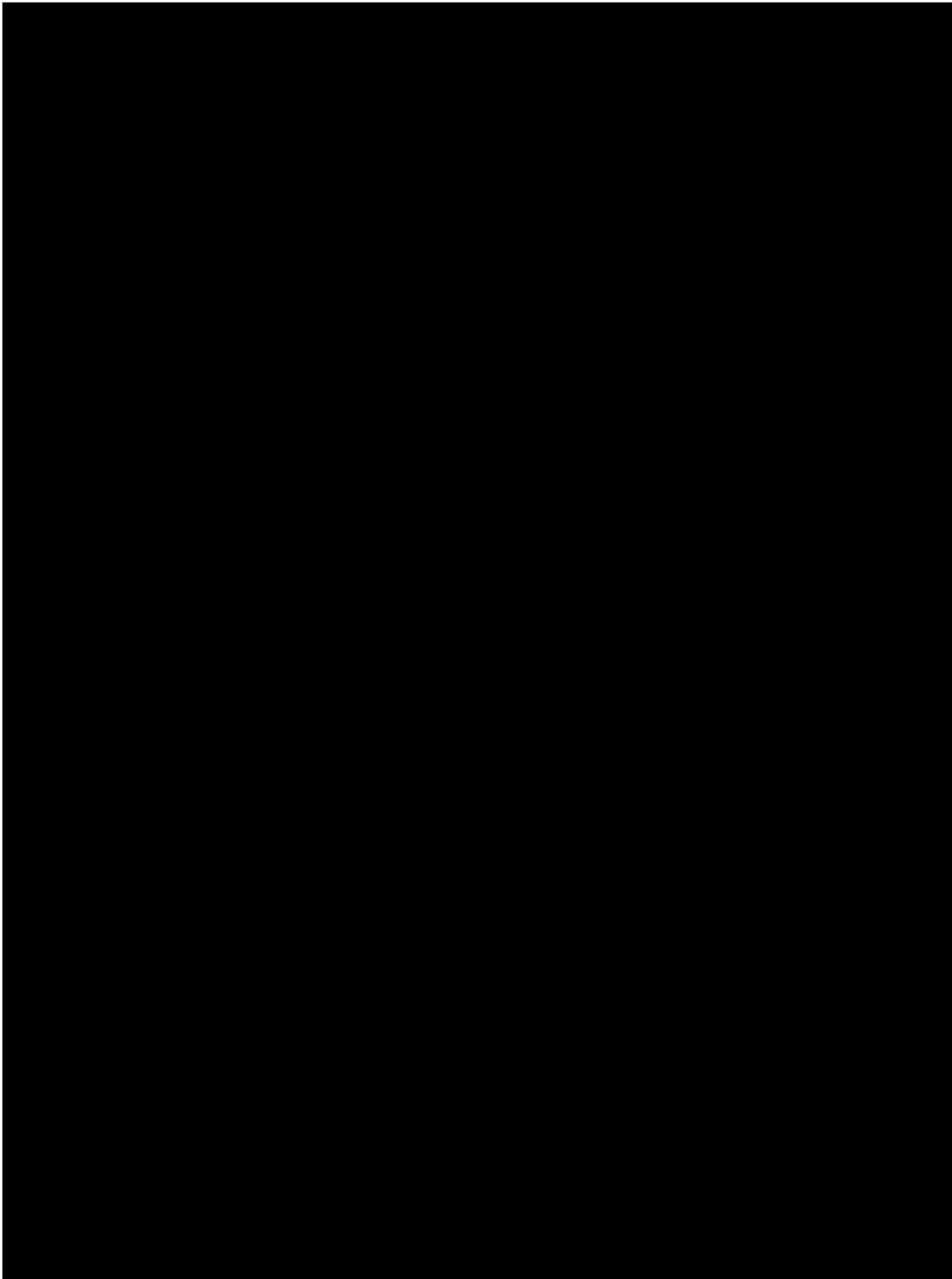
**VTX Communications  
Round 2 NOFA**



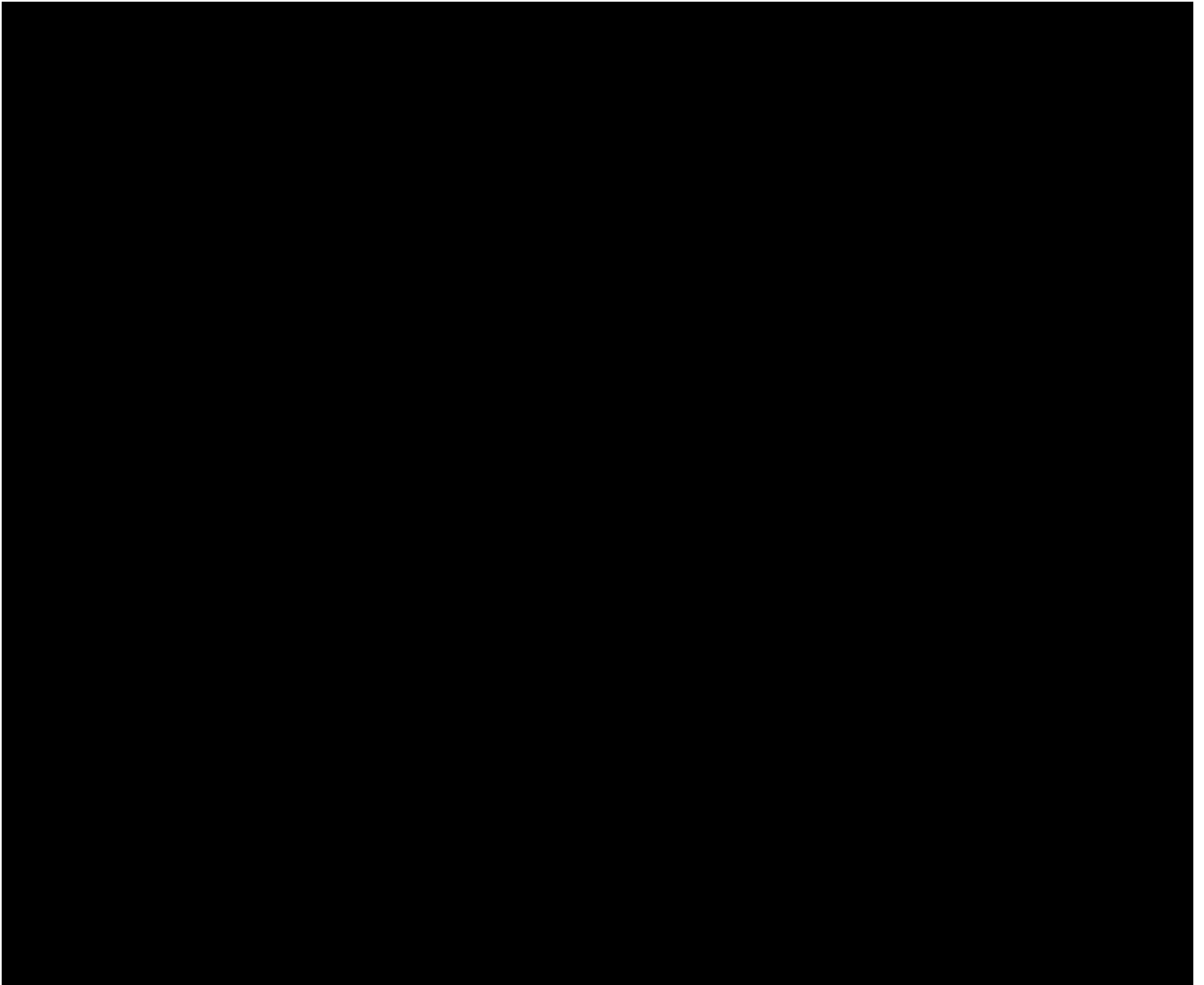


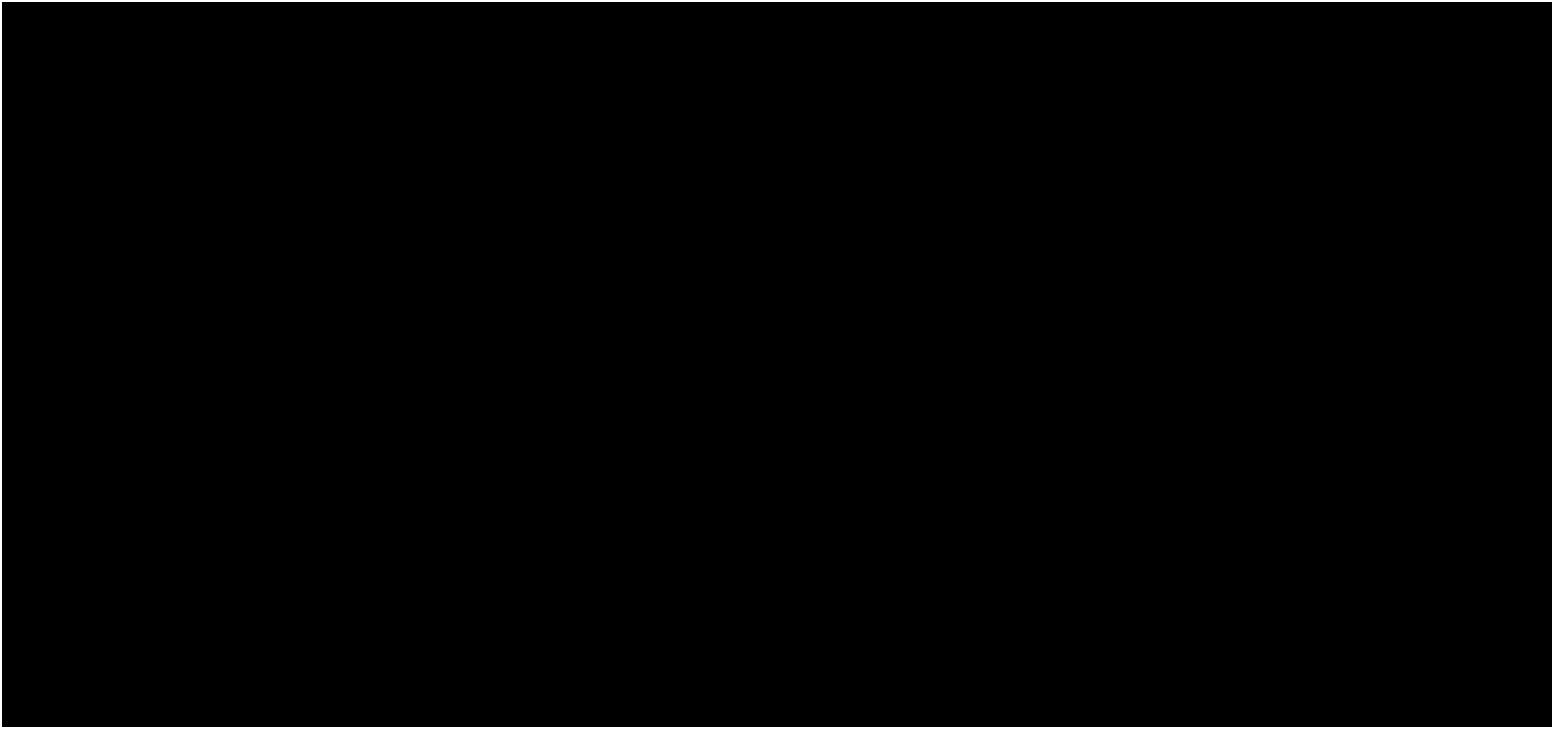
**VTX Communications  
Round 2 NOFA**

**Land & Buildings  
Opinion of Probable Cost**



**VTX Communications  
Round 2 NOFA**

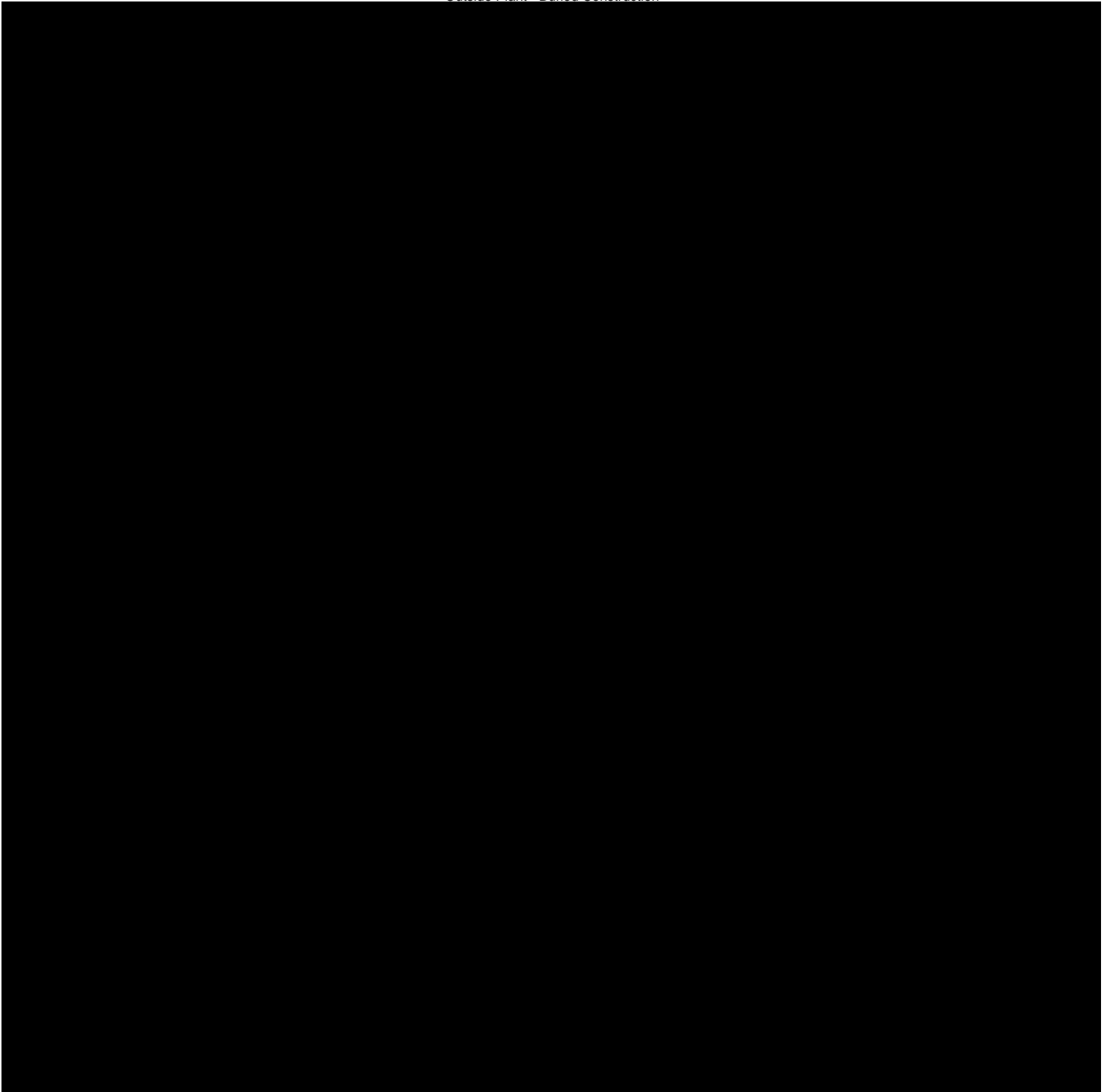




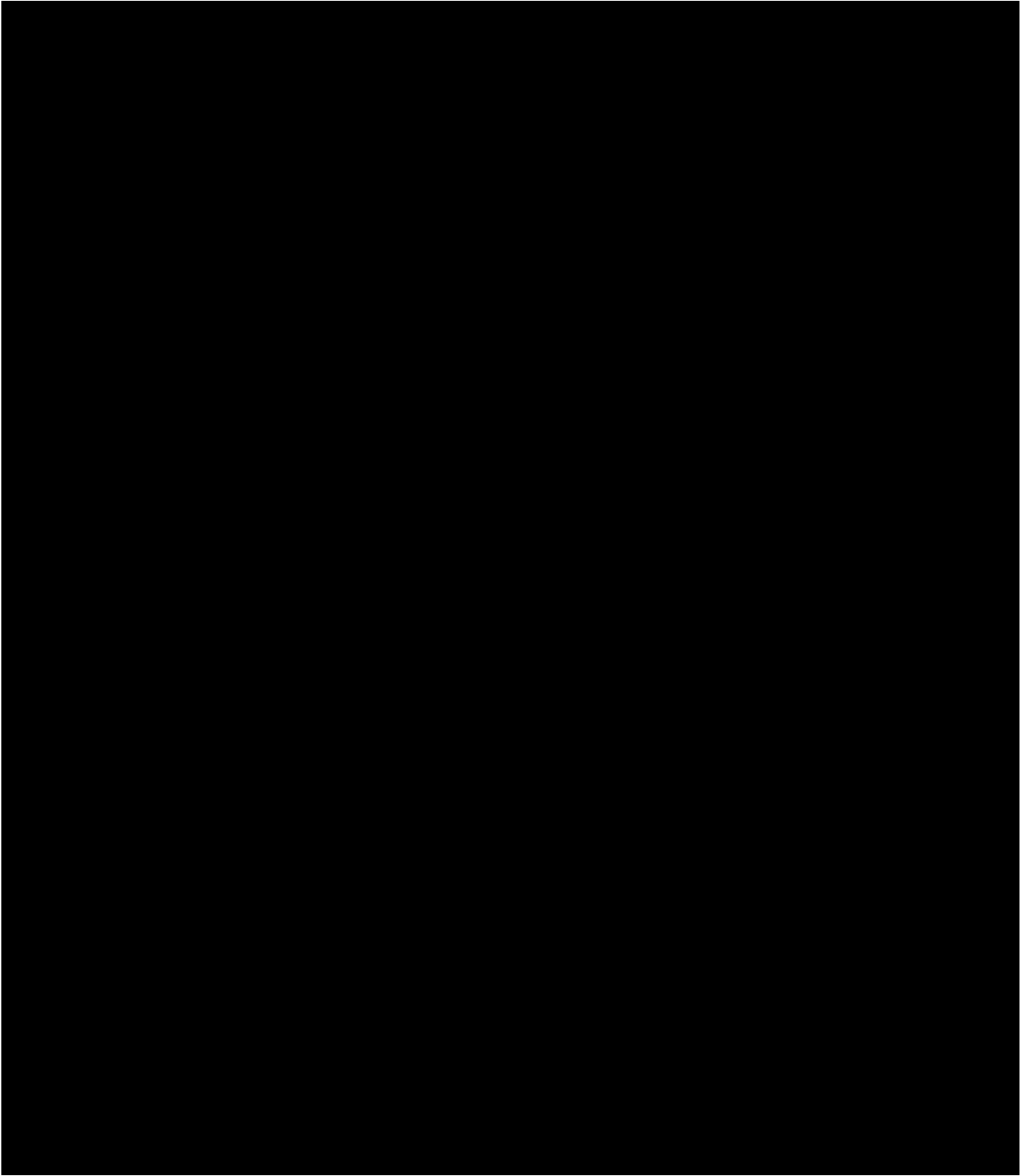


**VTX Communications  
Round 2 NOFA**

Opinion of Probable Cost  
Outside Plant - Buried Construction



**VTX Communications  
Round 2 NOFA**



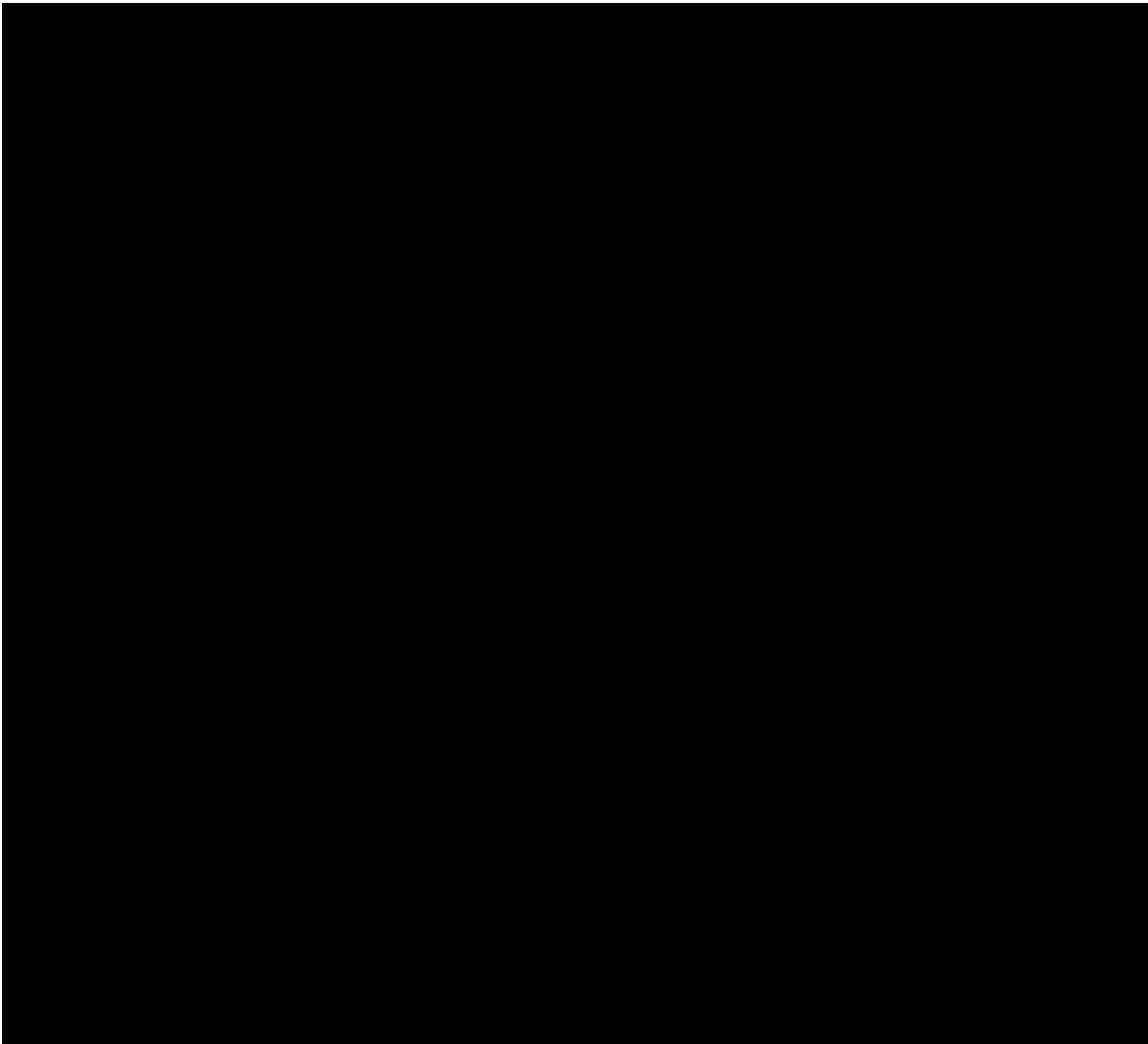
**VTX Communications  
Round 2 NOFA**

**Opinion of Probable Cost  
Outside Plant - Aerial Construction**

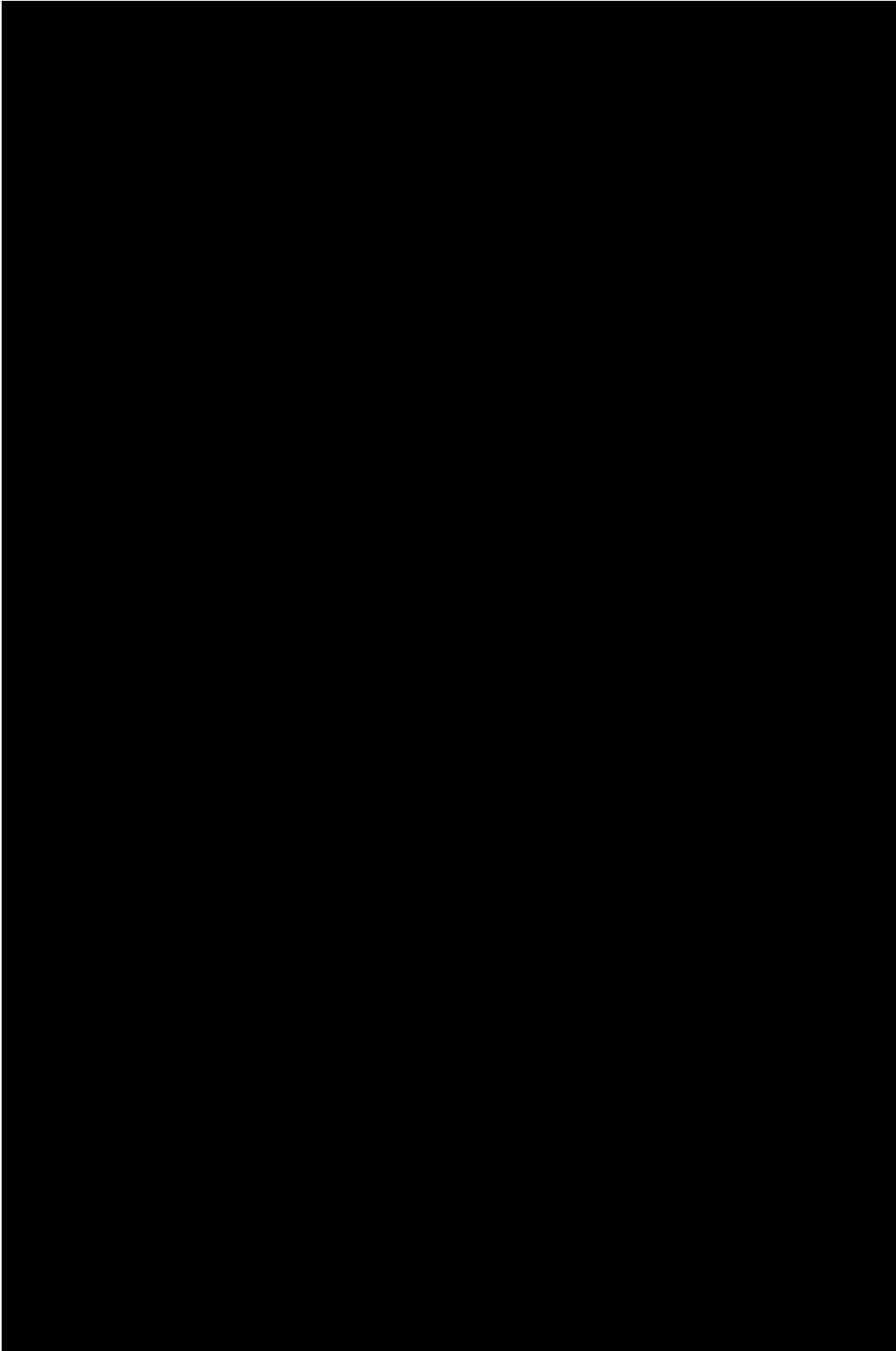


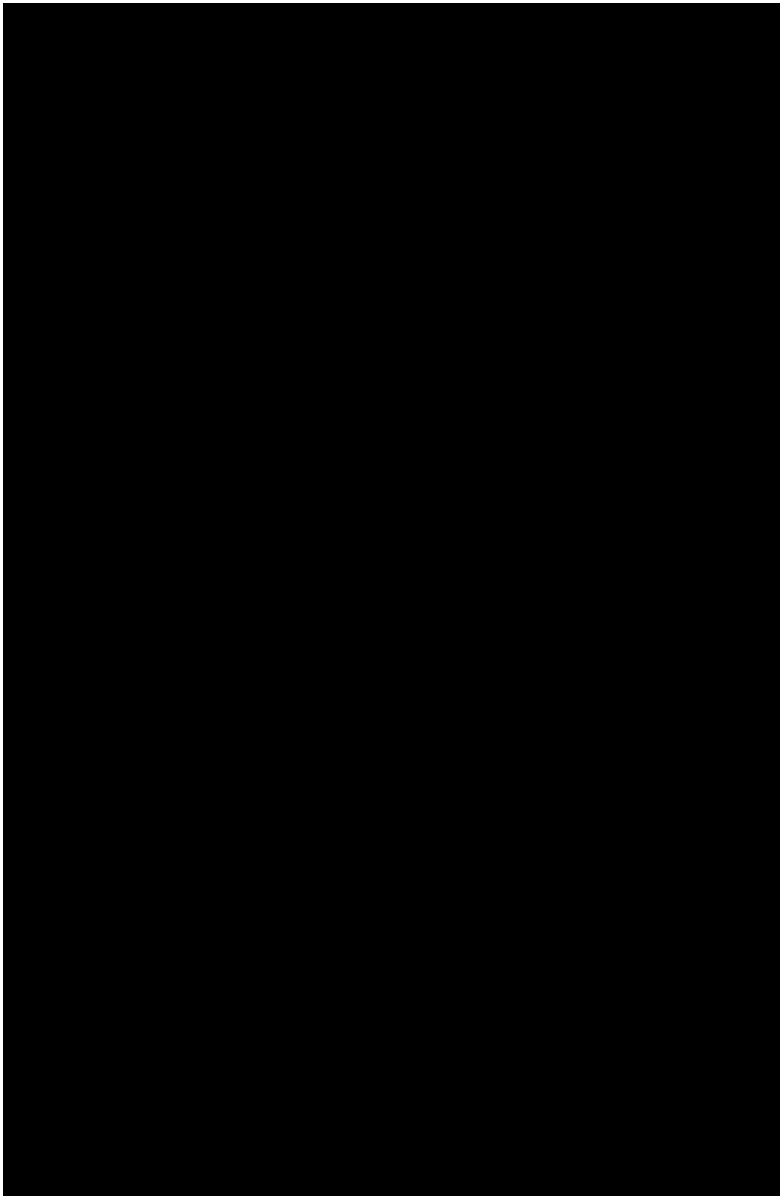
**VTX Communications  
Round 2 NOFA**

**Opinion of Probable Cost  
Outside Plant - Aerial Construction**



VTX Communications  
Round 2 NOFA  
OSP Assumptions







# **Comprehensive Community Infrastructure** **Budget Narrative Template**

**Applicant Name: VTX Communications**

**EasyGrants Number: 5732**

**Organization Type:**

**Proposed Period of Performance: The length of time required to expend the funds will be 8 quarters**

**Total Project Costs: \$ 22,425,509**

**Total Federal Grant Request: \$ 15,697,856**

**Total Matching Funds (Cash): \$ 6,727,653**

**Total Matching Funds (In-Kind): \$ 0**

**Total Matching Funds (Cash + In-Kind): \$ 6,727,653**

**Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: 30%**

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## **1. Administrative and legal expenses - \$0**

**- Provide a breakout of position(s), time commitment(s) such as hours or level-of-effort, and salary information/rates with a detailed explanation, and additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A



## **2. Land, structure, rights-of-way, appraisals, etc. - \$1,679,000**

**- Provide description of estimated costs, proposed activities, and additional information as needed.**

The estimated costs of land, structures of **\$1,679,000** was based on typical costs in the area. Land prices are anticipated to remain stable for the proposed time of acquisition and project length. Structure prices were based on typical telecommunications standard buildings with backup power, HVAC and ground fields. Specifically 3 buildings (2x\$281,000 ea.=**\$562,000**, 1x\$502,000 ea. =**\$502,000**) and land (3@\$205,000 ea. =**\$615,000**) were required. The line items are specified in the Buildings section of the Detail of Project Costs. The Federal Funding Request of 70% equals **\$1,175,300**. Cash Matching Funds of 30% from VTX equals **\$503,700**.

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

Cash Source 1 VTX 30% of Land and Building Costs equals **\$503,700**.

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

## **3. Relocation expenses and payment - \$0**

**- Provide explanation for the relocation, description of the person involved in the relocation, method used to calculate costs, and additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

## **4. Architectural and engineering fees - \$2,754,391**

**- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.**

The Architecture and Engineering fees are **\$2,754,391**. This number is a percentage of the total of Engineering Design and Project Management Fees. The Engineering amount in Detail of Project Costs





of \$1,967,112 was calculated to be based on 10% of the outside plant, equipment, land and building costs. Project Management fees of \$787,279 are based on 5% of the outside plant. These percentages are based on industry standard based on similar projects of this size. The total of these two line items (\$1,967,112 + \$787,279) is \$2,754,391. The Federal Funding Request of 70% equals \$1,928,074. Cash Matching Funds of 30% from VTX equals \$826,317.

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

Cash Source 1 VTX 30% of Architectural and Engineering Fees equals \$826,317.

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

**5. Other architectural and engineering fees - \$0**

**- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

**6. Project inspection fees - \$0**

**- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**



N/A

## **7. Site work - \$51,000**

**- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.**

The Site Work costs are **\$51,000**. Prices were based on typical site work for standard telecommunications buildings. Specifically site work for 3 buildings (2x\$15,000 ea.=**\$30,000**, 1x\$21,000 ea. =**\$21,000**) were required. The Federal Funding Request of 70% equals **\$35,700**. Cash Matching Funds of 30% from VTX equals **\$15,300**.

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

Cash Source 1 VTX 30% of Site Work equals **\$15,300**.

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

## **8. Demolition and removal - \$0**

**- Provide description of estimated fees, rates explanation of proposed services, and additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

## **9. Construction - \$15,745,589**

**- Provide description of estimated fees, rates, explanation of proposed services, state whether the work is being completed by the applicant or an outside contractor, and additional information as needed.**



Construction costs of **\$15,745,589** were identified as the cost of construction materials and buried construction cost and are estimated based on comparable budgetary costs per mile from similar projects. The categories from the Detail of Project Costs for allocation are as follows:

Transportation Fiber Mainline Urban: 100.5163 miles @ \$101,030/mi =	<b>\$10,155,161</b>
Transportation Fiber Mainline Rural: 59.0416 miles @ \$53,150/mi =	<b>\$3,138,061</b>
Transportation Fiber Lateral Urban: 6.77293 miles @ \$101,030/mi =	<b>\$684,269</b>
Transportation Fiber Mainline Urban: 159.5579 miles @ \$10,630/mi =	<b>\$1,696,100</b>
Transportation Fiber Mainline Urban: 6.77293 miles @ \$10,630/mi =	<b>\$71,996</b>

The Federal Funding Request of 70% equals **\$11,021,912**. Cash Matching Funds of 30% from VTX equals **\$4,723,677**.

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

Cash Source 1 VTX 30% of Consturction equals **\$4,723,677**.

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

**10. Equipment - \$2,195,529**

**- Provide a list of equipment in the form of a table with description, number of units, unit cost, state whether it is being purchased or leased, and additional information as needed.**

Equipment costs of **\$2,195,529** were identified as the cost of equipment materials and are estimated based on comparable budgetary costs from similar projects. The categories from the Detail of Project Costs for allocation are as follows:

Switching =	<b>\$175,000</b>
Routing =	<b>\$700,000</b>
Transport =	<b>\$1,147,578</b>
Other Equipment =	<b>\$172,951</b>

The Federal Funding Request of 70% equals **\$1,536,870**. Cash Matching Funds of 30% from VTX equals **\$658,659**.



**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

Cash Source 1 VTX 30% of Consturction equals \$658,659.

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

**11. Miscellaneous - \$0**

**- Provide additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

**13. Contingencies - \$0**

**- Contingencies are an unallowable expenditures under BTOP.**

**15. Project (program) income - \$0**

**- The value for this line-item on the SF-424C is \$0. Please do not provide an estimated Project (program income) on the SF-424C.**



## **Addendum**

**- Very few indirect costs are allowable through BTOP. If any allowable indirect costs and/or fringe benefits are included in the budget, please provide a copy of your existing Negotiated Indirect Cost Recovery Agreement (NICRA), if available. If the NICRA is applied accordingly in the budget, there is no need to justify the costs. If a NICRA is not available or is not consistent with the rates/calculations in the budget, please provide an explanation of how the amounts were calculated. Please clearly list the manner in which indirect costs are calculated in the budget.**

**Note:** Verify that indirects are calculated correctly and are eligible BTOP costs. To clarify, reasonable indirect costs under BTOP are only allowable for Full Time Employees (FTEs) associated with the construction, deployment, or installation of facilities or equipment used to provide broadband service.

## BTOP Comprehensive Community Infrastructure Service Area Template

Please complete the complete the CCI Service Area worksheet. In each line you will provide name of a service area and one of the contiguous Census tracts or block groups that make u service area. Please provide full 11-digit Census tract numbers, includes the 2-digit State FIF the 3-digit county code, followed by a unique 6-digit tract number. For Census block group please provide the full tract number, plus the 1-digit block group number (12 digits total). If more than one Census tract or block group in a service area, there will be multiple lines in th for that service area. It is critical that the service area names provided in this table match w service area names provided in the Service Area Details page of the application. Please revie document and Service Area Details page for consistency before submitting your application.

Important Note: Excel truncates leading zeros from numbers. Consequently, the tract/block column on the worksheet has been formatted as text. This formatting should not be altered validity of your data may be compromised.

The data provided via this attachment will be subject to automated processing. Applicants a therefore required to provide this attachment as an Excel file, and not to convert it to a PDF submitting a copy of your application on an appropriate electronic medium, such as a DVD, ( ROM, or flash drive. Additionally, Applicants should not modify the format of this file (*e.g.*, l adding or removing worksheets). Do not leave blank lines in the table between service area

### EXAMPLE

Service Area Name	Tract or Block Group #
Big BB Project South	01001020100
Big BB Project South	01001020100
Big BB Project South	010010202001
Big BB Project West	01001020400
Big BB Project North	01001020800
Big BB Project North	010010209002

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**BTOP CCI Service Area Template**

Title: **Rio Grande Valley Fiber Network**  
 Easy Grants ID: **5732**

Service Area Name	Tract or Block Group #
Arroyo Colorado Estates CDP	480610114004
Brownsville city (part)	480610128003
Brownsville city (part)	480610129002
Brownsville city (part)	480610129003
Brownsville city (part)	480610130021
Brownsville city (part)	480610130032
Brownsville city (part)	480610130041
Brownsville city (part)	480610130042
Brownsville city (part)	480610130043
Brownsville city (part)	480610131043
Brownsville city (part)	480610131061
Brownsville city (part)	480610131062
Brownsville city (part)	480610131063
Brownsville city (part)	480610133032
Brownsville city (part)	480610133033
Brownsville city (part)	480610133041
Brownsville city (part)	480610133071
Brownsville city (part)	480610133072
Brownsville city (part)	480610134011
Brownsville city (part)	480610134012
Brownsville city (part)	480610134013
Brownsville city (part)	480610134021
Brownsville city (part)	480610134022
Brownsville city (part)	480610134023
Brownsville city (part)	480610135001
Brownsville city (part)	480610135002
Brownsville city (part)	480610136001
Brownsville city (part)	480610136002
Brownsville city (part)	480610136003
Brownsville city (part)	480610136004
Brownsville city (part)	480610137001
Brownsville city (part)	480610137002
Brownsville city (part)	480610137003
Brownsville city (part)	480610137004
Brownsville city (part)	480610137005
Brownsville city (part)	480610138011
Brownsville city (part)	480610138012
Brownsville city (part)	480610138013
Brownsville city (part)	480610138021
Brownsville city (part)	480610138022
Brownsville city (part)	480610138023
Brownsville city (part)	480610138024
Brownsville city (part)	480610139011
Brownsville city (part)	480610139012
Brownsville city (part)	480610139021
Brownsville city (part)	480610139022
Brownsville city (part)	480610139031
Brownsville city (part)	480610139032
Brownsville city (part)	480610139033
Brownsville city (part)	480610140011
Brownsville city (part)	480610140012
Brownsville city (part)	480610140013
Brownsville city (part)	480610140021
Brownsville city (part)	480610140022
Brownsville city (part)	480610140023
Cesar Chavez CDP	482150235071
Cesar Chavez CDP	482150236005
Combes town	480610102011
Combes town	480610102021
Combes town	480610103001
Combes town	480610104011
Edinburg city	482150235041
Edinburg city	482150235042
Edinburg city	482150235053
Edinburg city	482150236001
Edinburg city	482150236002
Edinburg city	482150236003
Edinburg city	482150236004
Edinburg city	482150236005
Edinburg city	482150237001
Edinburg city	482150237002
Edinburg city	482150237003
Edinburg city	482150237004
Edinburg city	482150237005
Edinburg city	482150238001
Edinburg city	482150238002
Edinburg city	482150238003
Edinburg city	482150238004
Edinburg city	482150238005
Edinburg city	482150239011
Edinburg city	482150239012



Service Area Name	Tract or Block Group #
Edinburg city	482150239013
Edinburg city	482150239014
Edinburg city	482150239015
Edinburg city	482150239021
Edinburg city	482150239022
Edinburg city	482150239023
Edinburg city	482150240001
Edinburg city	482150240002
Edinburg city	482150240003
Edinburg city	482150240004
Granjeno city	482150213013
Harlingen city	480610102011
Harlingen city	480610102021
Harlingen city	480610102022
Harlingen city	480610102023
Harlingen city	480610104011
Harlingen city	480610104012
Harlingen city	480610104021
Harlingen city	480610104022
Harlingen city	480610104023
Harlingen city	480610105001
Harlingen city	480610105002
Harlingen city	480610105003
Harlingen city	480610106011
Harlingen city	480610106012
Harlingen city	480610106013
Harlingen city	480610106014
Harlingen city	480610106015
Harlingen city	480610106021
Harlingen city	480610107001
Harlingen city	480610107002
Harlingen city	480610107003
Harlingen city	480610108001
Harlingen city	480610108002
Harlingen city	480610108003
Harlingen city	480610108004
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Harlingen city	480610110001
Harlingen city	480610110002
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Harlingen city	480610111001
Harlingen city	480610111002
Harlingen city	480610111003
Harlingen city	480610111004
Harlingen city	480610112001
Harlingen city	480610112002
Harlingen city	480610113011
Harlingen city	480610113012
Harlingen city	480610113021
Harlingen city	480610113022
Harlingen city	480610113023
Harlingen city	480610114004
Harlingen city	480610117004
Harlingen city	480610118011
Harlingen city	480610118012
Harlingen city	480610118013
Harlingen city	480610118021
Harlingen city	480610118022
Harlingen city	480610118023
Harlingen city	480610120001
Harlingen city	480610120002
Harlingen city	480610120004
Harlingen city	480610120005
Harlingen city	480610121001
Hidalgo city	482150213011
Hidalgo city	482150213012
Hidalgo city	482150213013
Las Palmas-Juarez CDP	480610104022
Las Palmas-Juarez CDP	480610104023
Lasana CDP	480610102011
Lopezville CDP (part)	482150217005
Lopezville CDP (part)	482150218012
Lopezville CDP (part)	482150218013
Lopezville CDP (part)	482150238004
Lopezville CDP (part)	482150238005
Los Angeles Subdivision CDP	484899503002
McAllen city (part)	482150201005
McAllen city (part)	482150204022
McAllen city (part)	482150205011
McAllen city (part)	482150205012
McAllen city (part)	482150205013
McAllen city (part)	482150205021
McAllen city (part)	482150205022
McAllen city (part)	482150205023

Service Area Name	Tract or Block Group #
McAllen city (part)	482150205031
McAllen city (part)	482150205032
McAllen city (part)	482150205033
McAllen city (part)	482150206001
McAllen city (part)	482150206002
McAllen city (part)	482150206003
McAllen city (part)	482150207011
McAllen city (part)	482150207221
McAllen city (part)	482150207223
McAllen city (part)	482150207231
McAllen city (part)	482150207232
McAllen city (part)	482150207233
McAllen city (part)	482150207241
McAllen city (part)	482150207242
McAllen city (part)	482150208011
McAllen city (part)	482150208012
McAllen city (part)	482150208013
McAllen city (part)	482150208014
McAllen city (part)	482150208015
McAllen city (part)	482150208021
McAllen city (part)	482150208022
McAllen city (part)	482150208023
McAllen city (part)	482150208024
McAllen city (part)	482150208025
McAllen city (part)	482150209011
McAllen city (part)	482150209012
McAllen city (part)	482150209021
McAllen city (part)	482150209022
McAllen city (part)	482150209023
McAllen city (part)	482150209024
McAllen city (part)	482150209026
McAllen city (part)	482150209027
McAllen city (part)	482150209028
McAllen city (part)	482150210001
McAllen city (part)	482150210002
McAllen city (part)	482150210003
McAllen city (part)	482150210004
McAllen city (part)	482150210005
McAllen city (part)	482150210006
McAllen city (part)	482150211001
McAllen city (part)	482150211002
McAllen city (part)	482150211003
McAllen city (part)	482150211004
McAllen city (part)	482150212011
McAllen city (part)	482150212012
McAllen city (part)	482150212013
McAllen city (part)	482150212014
McAllen city (part)	482150212021
McAllen city (part)	482150212022
McAllen city (part)	482150213013
McAllen city (part)	482150235051
McAllen city (part)	482150235052
McAllen city (part)	482150235053
McAllen city (part)	482150239022
Midway South CDP	482150222021
Midway South CDP	482150223004
Mirando City CDP	482470018032
Mission city (part)	482150201005
Mission city (part)	482150203001
Mission city (part)	482150203002
Mission city (part)	482150203004
Mission city (part)	482150204011
Mission city (part)	482150204013
Mission city (part)	482150204014
Mission city (part)	482150204015
Mission city (part)	482150204016
Mission city (part)	482150204021
Mission city (part)	482150204022
Mission city (part)	482150205023
Mission city (part)	482150205033
Mission city (part)	482150213013
North Alamo CDP	482150218012
Nurillo CDP	482150235081
Nurillo CDP	482150235082
Nurillo CDP	482150237005
Nurillo CDP	482150238004
Nurillo CDP	482150238005
Palm Valley city	480610103003
Palm Valley city	480610104021
Pharr city	482150213011
Pharr city	482150213021
Pharr city	482150213022
Pharr city	482150213031
Pharr city	482150213032
Pharr city	482150213033
Pharr city	482150214011

Service Area Name	Tract or Block Group #
Pharr city	482150214012
Pharr city	482150214013
Pharr city	482150214014
Pharr city	482150214021
Pharr city	482150214022
Pharr city	482150214023
Pharr city	482150214024
Pharr city	482150215001
Pharr city	482150215002
Pharr city	482150215003
Pharr city	482150215004
Pharr city	482150216001
Pharr city	482150216002
Pharr city	482150216003
Pharr city	482150217001
Pharr city	482150217002
Pharr city	482150217003
Pharr city	482150217004
Pharr city	482150217005
Pharr city	482150220014
Primera town	480610103002
Primera town	480610103003
Primera town	480610104011
Primera town	480610104012
Rangerville village	480610120005
Rangerville village	480610121003
Raymondville city (part)	484899503001
Raymondville city (part)	484899503002
Raymondville city (part)	484899503003
Raymondville city (part)	484899503004
Raymondville city (part)	484899504001
Raymondville city (part)	484899504002
Raymondville city (part)	484899504003
Raymondville city (part)	484899504004
Raymondville city (part)	484899504005
Remainder of Bruni-Mirando CCD	482470018032
Remainder of Bruni-Mirando CCD	482470018042
Remainder of Edinburg CCD	482150235042
Remainder of Edinburg CCD	482150235051
Remainder of Edinburg CCD	482150235071
Remainder of Edinburg CCD	482150235081
Remainder of Edinburg CCD	482150235082
Remainder of Edinburg CCD	482150236005
Remainder of Edinburg CCD	482150239023
Remainder of Harlingen-San Benito CCD	480610102011
Remainder of Harlingen-San Benito CCD	480610102021
Remainder of Harlingen-San Benito CCD	480610102022
Remainder of Harlingen-San Benito CCD	480610102023
Remainder of Harlingen-San Benito CCD	480610103002
Remainder of Harlingen-San Benito CCD	480610103003
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Remainder of Harlingen-San Benito CCD	480610104023
Remainder of Harlingen-San Benito CCD	480610105003
Remainder of Harlingen-San Benito CCD	480610106012
Remainder of Harlingen-San Benito CCD	480610108004
Remainder of Harlingen-San Benito CCD	480610114002
Remainder of Harlingen-San Benito CCD	480610114004
Remainder of Harlingen-San Benito CCD	480610120002
Remainder of Harlingen-San Benito CCD	480610120003
Remainder of Harlingen-San Benito CCD	480610120004
Remainder of Harlingen-San Benito CCD	480610120005

Service Area Name	Tract or Block Group #
Remainder of Harlingen-San Benito CCD	480610121001
Remainder of Harlingen-San Benito CCD	480610121003
Remainder of La Sara CCD	484899503001
Remainder of La Sara CCD	484899503002
Remainder of La Sara CCD	484899503003
Remainder of La Sara CCD	484899503004
Remainder of McAllen-Pharr CCD	482150205023
Remainder of McAllen-Pharr CCD	482150205032
Remainder of McAllen-Pharr CCD	482150205033
Remainder of McAllen-Pharr CCD	482150212022
Remainder of McAllen-Pharr CCD	482150213011
Remainder of McAllen-Pharr CCD	482150213012
Remainder of McAllen-Pharr CCD	482150213013
Remainder of McAllen-Pharr CCD	482150213021
Remainder of McAllen-Pharr CCD	482150213022
Remainder of McAllen-Pharr CCD	482150213031
Remainder of McAllen-Pharr CCD	482150213032
Remainder of McAllen-Pharr CCD	482150213033
Remainder of McAllen-Pharr CCD	482150214024
Remainder of McAllen-Pharr CCD	482150217005
Remainder of McAllen-Pharr CCD	482150218012
Remainder of McAllen-Pharr CCD	482150219011
Remainder of McAllen-Pharr CCD	482150220014
Remainder of Mission CCD	482150201005
Remainder of Mission CCD	482150204021
Remainder of Mission CCD	482150204022
Remainder of Raymondville CCD	484899504001
Remainder of Raymondville CCD	484899504005
Remainder of Rio Grande City-San Isidro CCD	484279501022
Remainder of Rio Grande City-San Isidro CCD	484279501031
Remainder of Rio Grande City-San Isidro CCD	484279501033
Remainder of Rio Grande City-San Isidro CCD	484279506001
Remainder of Rio Grande City-San Isidro CCD	484279506003
Remainder of Southeast Hidalgo CCD	482150222021
Remainder of Southeast Hidalgo CCD	482150224003
Rio Grande City city	484279501022
Rio Grande City city	484279501031
Rio Grande City city	484279501033
Rio Grande City city	484279505001
Rio Grande City city	484279505002
Rio Grande City city	484279505003
Rio Grande City city	484279505004
Rio Grande City city	484279505005
Rio Grande City city	484279506001
Rio Grande City city	484279506002
Rio Grande City city	484279506003
San Benito city	480610113022
San Benito city	480610114002
San Benito city	480610114004
San Benito city	480610115001
San Benito city	480610115002
San Benito city	480610116005
San Benito city	480610117001
San Benito city	480610117002
San Benito city	480610117003
San Benito city	480610117004
San Benito city	480610121001
San Juan city	482150213022

Service Area Name	Tract or Block Group #
San Juan city	482150213032
San Juan city	482150218011
San Juan city	482150218012
San Juan city	482150218013
San Juan city	482150218021
San Juan city	482150218022
San Juan city	482150218023
San Juan city	482150219011
San Juan city	482150220011
San Juan city	482150220012
San Juan city	482150220013
San Juan city	482150220014
Weslaco city	482150222021
Weslaco city	482150223001
Weslaco city	482150223002
Weslaco city	482150223003
Weslaco city	482150223004
Weslaco city	482150223005
Weslaco city	482150224001
Weslaco city	482150224002
Weslaco city	482150224003
Weslaco city	482150224004
Weslaco city	482150225021
Weslaco city	482150225022
Weslaco city	482150225023
Weslaco city	482150226001
Weslaco city	482150226002
Weslaco city	482150227011
Weslaco city	482150227012
Weslaco city	482150227013
Weslaco city	482150227014
Weslaco city	482150227021

## **BTOP Comprehensive Community Infrastructure Community Anchor Institution and Network Points of Interest Detail Template**

Please complete the Anchor Institution Details worksheet by providing information on Community Anchor Institutions that will be directly connected by the proposed network as necessary. All Community Anchor Institutions should be given a type from the specification. A Community Anchor Institution is considered a minority-serving institution if it is a post-secondary educational institution with enrollment of minority students exceeding 50% of its total enrollment. The "Project Role" column only requires a word or two, or a short phrase, not a detailed explanation of the role of project partners and community anchor institutions provided in the essay portions of the application.

Please complete the Points of Interest worksheet by providing information on all points of interest (passive, non-environmentally controlled points of interconnection, cell towers, etc. points, may be excluded), collocation facilities, central offices, head ends, and other central facilities, network access points to last mile service providers, Internet peering points, etc. For each point of interest you may provide either a street address or geocoordinates (lat/long). You must provide detail on what the point of interest is, whether it is already existing or will be created by the proposed project. Where more than one facility type applies, select the most appropriate facility type. For example, if a central office houses a point of interconnection, select central office as the facility type, or if a cell site is located on a tower, select tower as the facility type. The "Interconnection Available at the Facility" field should be Yes if interconnection to the proposed network is available at that location, otherwise No. The brief description field is optional and can be used to convey a better understanding of what the facility is. You may use the space at the bottom of the table to provide additional notes, if desired.

**The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this upload as an Excel file, and not to convert it to a PDF or other format for upload. Additionally, applicants should not modify the format of this file.**

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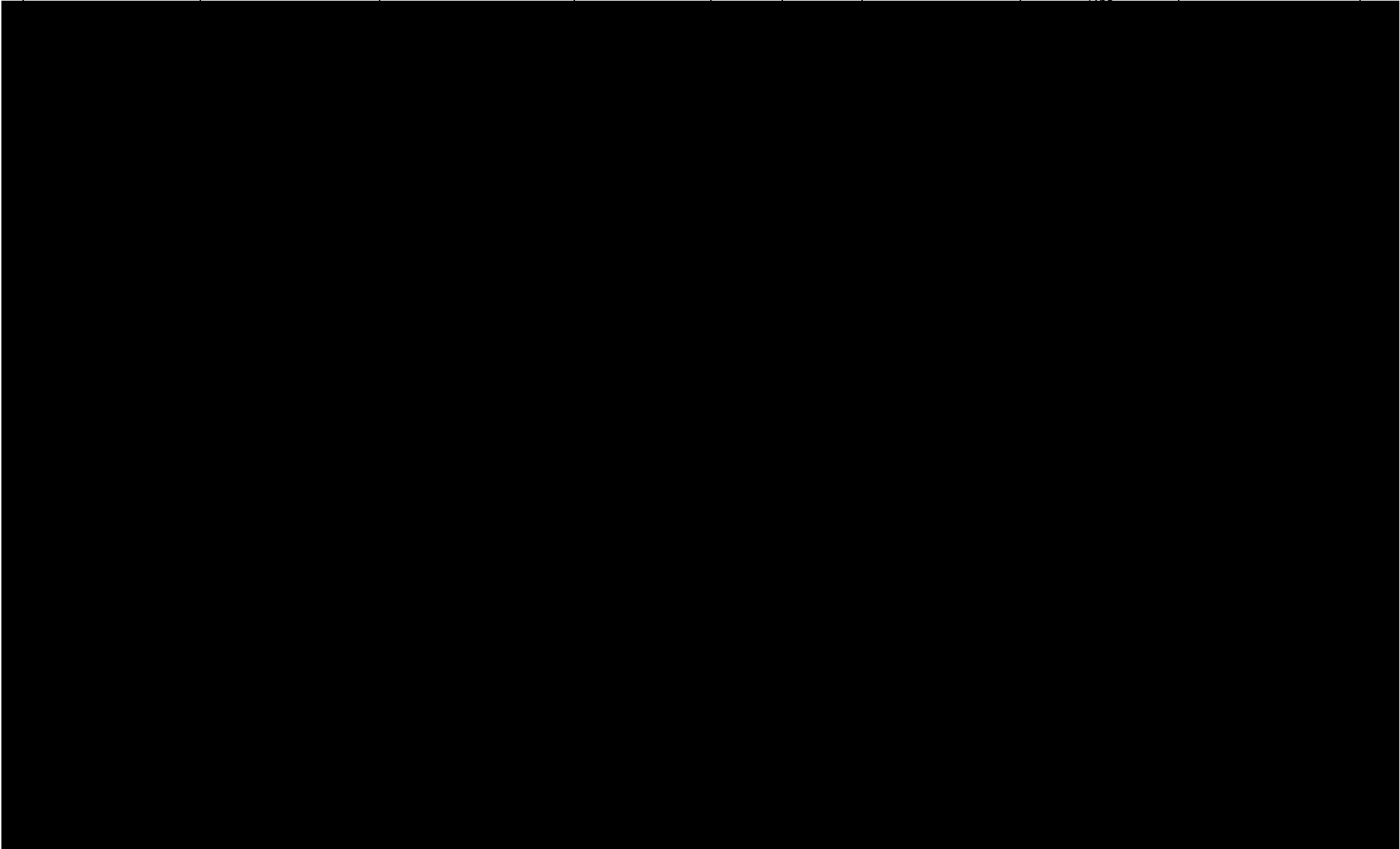
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**BTOP CCI Community Anchor Institutions Detail Template**

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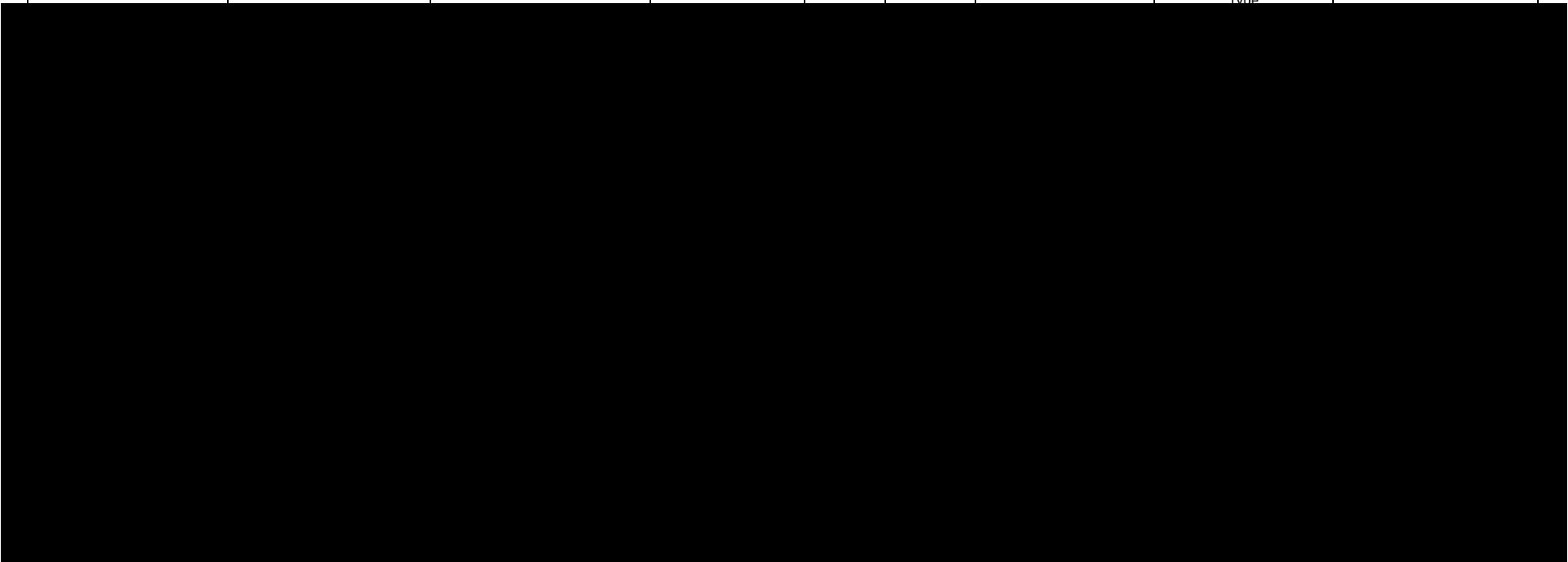
Easy Grants ID:

Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
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Facility Name	Organization	Address Line 1	City	State	Zip	Facility Type	Minority Serving Institution Type	Project Role
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## REF BTOP APP GUIDE – PAGE 67

### CONSTRUCTION AND VENDOR CONTRACTS

**Construction and Vendor Contracts:** Identify the extent to which you intend to rely on contractors and/or vendors to deploy the network facilities. Please provide any evidence that contractors and/or vendors are ready to enter into agreements with the applicant, should the application be approved. Signed contracts or other signed agreements would carry the most weight will respect to evidence, but are not necessary.

The projects proposed within this grant application are scheduled to begin by January 2011, pending release of loan/grant funds. Preliminary design work for project areas proposed for funding under the grant program began in early 2010. Since the entire project will be implemented in a phased approach, the detailed design, staking and permitting work for Phase I projects will begin immediately following grant submittal, anticipated in September 2010. Pending grant application and RUS approval, construction is anticipated to begin on or around January 2011.

In support of this project, VTX Communications (VTX) is in the process of selecting a team of experienced vendors and contractors required to construct an advanced broadband network within the implementation schedule timeline. For efficiency VTX may choose to use the same vendors as used in the 1<sup>st</sup> round of NOFA funding. The following contractors and vendors have been selected to either participate or to provide competitive proposals for the proposed projects:

- **Outside Plant Construction** – VTX has several local, regional, and national contractors available for project implementation. This list includes the following:
  - **Local** – Texus Telecommunications, LTD., Volt Telecom Group, Inc., Housley Communications;
  - **Regional** – Floyd's Equipment, Inc.;
  - **National** – Henkel's & McCoy, Inc., Michels Corporation, MP NexLevel and Spalj Construction., Inc.
- **Outside Plant Materials:** Optical Fiber Solutions (OFS) has been selected to provide fiber optic cable.
- **Engineering Services** - CHR Solutions, Inc. – CHR Solutions is currently under contract with VTCL to provide engineering design of the stimulus grant application, Detailed engineering implementation contract administration, construction observation and project management in support of the projects can be completed with the assistance of CHR Solutions and/or Mid-States Consulting.

For all other projects, VTX will negotiate with selected vendors or competitively bid the projects in a timely manner that meets the schedule.

The schedule for the PTCI project is based on the following construction criteria:

3/25/2010

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- Urban Construction - 0.25 miles of construction per day per crew
- Rural Construction - 0.6 miles of construction per day per crew

Each project schedule is calculated to meet the milestone of 100% of grant money spent by the end of year two.