

**Schedule P**  
**Project Capital Investment Workbook**  
**Detailed Project Costs**

**Instructions for Completing This Template:**

Enter a descriptive name for each capital item or group of items in the appropriate category. For common network elements, place these items in the Service Area they will be physically located in, but use the "Common Network Facility?" column to identify if they are related to providing services across all Service Areas. Use the Unit Cost and Number of Units fields to further break down the costs. When multiple items are included in one "unit", use the description column to provide enough detail that the reviewers can easily see how you arrived at that unit cost. Now multiply Unit Cost and Number of Units to get a sub-total for each line and enter that sub-total in the correct column and identify if this sub-total how much will be RUS or Non-RUS funded by filling in the appropriate column(s). Total each column at the bottom of each budget category and then provide a Grand Total of all items included in each budget category added together.

Use the following as a guide to the budget categories:

- **Network & Access Equipment Costs:** Examples include next-generation switches, video headends, optical equipment, digital line concentrators, digital subscriber line access multiplexers, middleware, video-on-demand equipment, radio equipment, data routing equipment, and so on.
- **Outside Plant Costs:** Examples include cable (aerial, buried, underground, and submarine), conduit systems, poles, network interface devices (NIDs), miscellaneous construction units, make-ready costs for aerial plant, and so on.
- **Tower Costs:** Include the cost for the construction of new towers and any costs involved with structural changes to existing towers. Site engineering and project management costs should not be included in this schedule; they should be included under Engineering Costs.
- **Building and Land Costs:** Include the cost of constructing new buildings, renovating existing buildings, and any site preparation cost involved with installing pad-mounted equipment. Include only those sites that you will purchase.
- **Customer Premises Equipment:** Examples include wireless subscriber units, modems, set-top boxes, and so on.
- **Billing and Operational Support Systems:** Include billing, customer, and other support systems.
- **Operating Equipment:** Include items such as vehicles, furniture, and other operating equipment.
- **Professional Services:** Include engineering costs involved in designing and constructing the proposed project, consultant services, and project management.
- **Testing:** Include items such as testing network and IT systems, user devices, servers, as well as lab furnishing and test generators.
- **Other Upfront Costs:** Include any other upfront costs not covered in the other categories, such as site preparation.

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Please complete the table below for the different categories of equipment you will require to complete the project. Each category should be broken down to the appropriate level to identify unit cost. For each entry, identify RUS funded and Non-RUS funded costs for the project so they can be totaled separately. This information should be provided per Service Area.

**DETAIL OF CAPITAL PROJECT COST SCHEDULE**

SERVICE AREA :	Common Network Facility?	Unit Cost	No. of Units	RUS funded Costs	Non-RUS funded Costs	Total Costs
<b>NETWORK AND ACCESS EQUIPMENT</b>						
Switching	Select	\$ -	-	\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Routing	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Transport	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Access	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Other	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
<b>Total</b>				\$ -	\$ -	\$ -
<b>OUTSIDE PLANT</b>						
Cables	Select	\$ -	-	\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Conduits	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Ducts	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Poles	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Towers	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Repeaters	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
Other	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
	Select			\$ -	\$ -	\$ -
<b>Total</b>				\$ -	\$ -	\$ -

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BUILDINGS AND LAND								
		Select	\$ -	-	\$ -	\$ -	\$ -	
New Construction		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Pre-Fab Huts		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Improvements & Renovation		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Other		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
					<b>Total</b>	\$ -	\$ -	\$ -
CUSTOMER PREMISE EQUIPMENT								
Modems		Select	\$ -	-	\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Set Top Boxes		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Inside Wiring		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Other		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
					<b>Total</b>	\$ -	\$ -	\$ -
BILLING AND OPERATIONAL SUPPORT SYSTEMS								
Billing Support Systems		Select	\$ -	-	\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Customer Care Systems		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Other Support		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
					<b>Total</b>	\$ -	\$ -	\$ -
OPERATING EQUIPMENT								
Vehicles		Select	\$ -	-	\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Other Equipment/ Furniture		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Other		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
					<b>Total</b>	\$ -	\$ -	\$ -

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PROFESSIONAL SERVICES								
		Select	\$ -	-	\$ -	\$ -	\$ -	
Engineering Design		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Project Management		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Consulting		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Other		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
					<b>Total</b>	\$ -	\$ -	\$ -
TESTING								
		Select	\$ -	-	\$ -	\$ -	\$ -	
Network Elements		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
IT System Elements		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
User Devices		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Test Generators		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Lab Furnishings		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Servers/ Computers		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
					<b>Total</b>	\$ -	\$ -	\$ -
OTHER UPFRONT COSTS								
		Select	\$ -	-	\$ -	\$ -	\$ -	
Site Preparation		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
Other		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
		Select			\$ -	\$ -	\$ -	
					<b>Total</b>	\$ -	\$ -	\$ -
					<b>GRAND TOTAL</b>	\$ -	\$ -	\$ -

**Schedule P**  
**Project Capital Investment Workbook**  
**Buildout Timeline**

**Instructions for Completing This Template:**  
 This upload summarizes funding and workforce for your total capital plan over a five-year period. It identifies key phases and milestones (shown in next tab) to demonstrate the degree of project completion. You should ensure that the data in this upload ties directly to your application pro forma financial statements as they relate to timing, cash flows, revenue assumptions, and capital expenditures.

**DIRECTIONS:** Complete the following schedule to indicate your planned build-out in terms of: 1) the requested infrastructure funds (capital budget only); and 2) the workforce totals. This should be completed at an aggregate level only for all proposed funded service areas. Project inception (Year 0) starts at the date when you receive notice that the project has been approved for funding.

"Total Project Capital Funding" should tie directly to the overall Project Capital Budget, the Detailed Project Cost tab, the depreciation schedule, and the pro forma financial statements.

A description and total workforce needed to build and operate the system should be entered for the project in the bottom table on this tab.

INPUT SECTIONS - Enter incremental numbers without rounding		Summary of All Proposed Funded Service Areas					
Application Funding Total	Total from Project Costs	YEAR "0"				Total Year "0"	
		Qtr 1	Qtr 2	Qtr 3	Qtr 4		
RUS Funds - from Detailed Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Non-RUS Funded Capital Funds - from Detailed Project Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total Project Capital Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

INPUT SECTIONS - Enter whole numbers without rounding		Summary of All Proposed Funded Service Areas					
Application Workforce Description and Total	Description of the workforce needed to build and operate the system.	Incremental Totals					Grand Total
		YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	
Description of Workforce	-	-	-	-	-	-	
Description of Workforce	-	-	-	-	-	-	
Description of Workforce	-	-	-	-	-	-	

Attachment 22 - Page 2

YEAR 1				Total Year 1	YEAR 2				Total Year 2	YEAR 3				Total Year 3
Qtr 1	Qtr 2	Qtr 3	Qtr 4		Qtr 1	Qtr 2	Qtr 3	Qtr 4		Qtr 1	Qtr 2	Qtr 3	Qtr 4	
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<div style="border: 1px solid black; padding: 5px; width: fit-content;">                     Construction Must Begin Within 6 Months                 </div>														<div style="border: 1px solid black; padding: 5px; width: fit-content;">                     BIP Funds must be 100% &amp; should tie to pro forma financial statements                 </div>

Attachment 22 - Page 3

YEAR 4				Total Year 4	YEAR 5				Total Year 5	Grand Total	Variance to Capital Plan
Qtr 1	Qtr 2	Qtr 3	Qtr 4		Qtr 1	Qtr 2	Qtr 3	Qtr 4			
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

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**Buildout Timeline - Milestones**

**Instructions for Completing This Template:**  
 This table lists the major network build-out phases and milestones demonstrating that your entire project will be substantially complete by the end of Year 2 and fully complete by the end of Year 3. This is to be done at the aggregate level (combining all proposed funded service areas.)

**DIRECTIONS:**

- Indicate how the milestones listed below will demonstrate these completion objectives. You should consider such project areas as: a) network design; b) securing all relevant licenses and agreements; c) site preparation; d) equipment procurement; e) inside plant deployment; f) outside plant deployment; g) equipment deployment; h) network testing; i) network complete and operational. You may provide any other milestones you believe showcase progress.
- Begin with project inception (Year 0), which starts at the date when you receive notice that the project has been approved for funding.
- Provide any information (for instance, facts, analysis) to: a) demonstrate the reasonableness of these milestones, and b) substantiate the ability to reach the milestones by the quarters indicated.
- Insert rows as needed within a given year, should more be required. However, the project must be complete with three years of receiving the award.
- Describe - in a separate page - the key challenges, if any, to a timely completion of the project, including any applicable mitigation plans.

Time Period	Quarter	List All Relevant Milestones	Support for Reasonableness/Data Points
Year 0			
Year 1	Qtr 1		
	Qtr 2		
	Qtr 3		
	Qtr 4		
Year 2	Qtr 1		
	Qtr 2		
	Qtr 3		
	Qtr 4		
Year 3	Qtr 1		
	Qtr 2		
	Qtr 3		
	Qtr 4		