

1. Project Budget (for Construction Projects Only)			
	Division Funding Requested	Other Secured Funding Source(s)	Total Cost Amount
Indicate construction costs by line item (e.g., linear feet of different-sized lines)			
<u>Construction Costs</u>			
Inspection of 55,000 LF existing water lines, 109 days @ \$375/day (county staff)	40,875		40,875
Exercise 150 valves, 75 days @ \$375/day (county staff)	28,125		28,125
Replace 12,000 linear feet of 6-inch PVC main distribution line @ \$100/LF (construction estimate only) (contracted)	1,200,000		1,200,000
Install 40 feet of 6-inch tie in line (includes 1-12"x6" tapping saddle, 1-6"x6" tee, 4-6" valves, and 40 ft of 6" PVC line) (contracted)	30,000		30,000
Install three (3) hydrants on Royster Road @ \$6,000 each (contracted)	18,000		18,000
Upgrade twenty (20) hydrants that are 40-years old or older @ \$5,000 each (county staff)	100,000		100,000
Install twenty (20) blow-off valves on dead-end service lines @ \$5,000 each (county staff)	100,000		100,000
Install forty (40) – single ¾" yokes @ \$220 each	8,800		8,800
Install six (6) – double ¾" yokes @ \$489 each	2,934		2,934
Replace 65 meter boxes and lids @ \$25 each	1,625		1,625
Replace 394 single port MXU meter transmitter units @ \$143 each (parts only)	56,342		56,342
Replace six (6) dual port MXU meter transmitter units @ \$160 each	930		960
Meter replacement labor for 400 meters @ \$56/meter (county staff)	22,400		22,400
Replace one (1) 4" industrial meter and meter vault @ \$8,000 each (county staff)	8,000		8,000
Replace one (1) 6" industrial meter and meter vault @ \$10,000 each (county staff)	10,000		10,000
Install two (2) industrial meter vaults @ \$18,000 each	36,000		36,000
Install one (1) AMI base station @ \$15,000 each (contracted)	15,000		15,000
<i>Contingency (10% of construction costs):</i>	152,400		152,400
<i>Construction Subtotal:</i>	<i>1,846,967</i>		<i>1,846,967</i>
<u>Engineering Costs</u>			
Engineering Design (12,000 ft 6-inch main distribution line replacement)	180,000		180,000
Engineering Design (40 ft 6-inch tie in line installation)	15,000		15,000

Engineering - Modeling of Navassa System added to Brunswick County existing model	75,000		75,000
Permitting (12,000 ft 6-inch main distribution line replacement)	10,000		10,000
Permitting (40 ft 6-inch tie in line installation)	3,000		3,000
Land Surveying Costs			
<i>Engineering Subtotal:</i>	<i>283,000</i>		<i>283,000</i>
<u>Administration Costs</u>			
Planning	7,621	2,379	10,000
Easement Preparation		7,000	7,000
Grant Administration (if applicable)	45,000		45,000
Loan Administration (if applicable)			
ER Preparation		20,000	20,000
Environmental Documentation Preparation			
Legal Costs		7,000	7,000
Other			
<i>Administration Subtotal:</i>	<i>44,621</i>	<i>44,379</i>	<i>89,000</i>
TOTAL PROJECT COST:	2,174,588	44,379	2,218,967
<p>A PE Seal for the estimate <u>must be provided</u> in the space to the right for the application to be considered complete.</p>			