Middle Mile Grant Program

Detailed Budget Justification Template

OMB Control No. 0660-0046
Expiration Date: 11/30/2022

		Unit Type	Unit Cost	No. of Units	Total Cost	Federal Funds Requested	Cash Match Amount	In Kind Contribution Value	Match Type (Cash/In-Kind/Both)	Match Percentage	Allowable Total	Notes/Comments
1. Administrative and Legal Expenses												
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Administrative and Legal Expenses					$ -	$ -	$ -	$ -				
2. Land, Structures, Rights-of-Way, Appraisals, etc.												
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Land, Structures, Rights-of Way, Appraisals, etc.					$ -	$ -	$ -	$ -				
3. Relocation Expenses and Payments												
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Relocation Expenses and Payments					$ -	$ -	$ -	$ -				
4. Architectural and Engineering Fees												
Engineering/Consulting (BTC)	(Includes detailed engineering, as-staked mapping, contract bid management, project management, inspection, as-built mapping services, etc.)	Other	$2,102,115.00	1	$ 2,102,115.00	$ 1,471,480.50	$ 630,634.50	$ -	Cash	30%		
Engineering/Consulting (SMT)	(Includes detailed engineering, as-staked mapping, contract bid management, project management, inspection, as-built mapping services, etc.)	Other	$362,100.00	1	$ 362,100.00	$ 253,470.00	$ 108,630.00	$ -	Cash	30%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Architechtural and Engineering Fees					$ 2,464,215.00	$ 1,724,950.50	$ 739,264.50	$ -				
5. Other Architectural and Engineering Fees												
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Other Architectural and Engineering Fees					$ -	$ -	$ -	$ -				
6. Project Inspection Fees												
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Project Inspection Fees					$ -	$ -	$ -	$ -				
7. Site Work												
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Site Work					$ -	$ -	$ -	$ -				
8. Demolition and Removal												
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Demolition and Removal					$ -	$ -	$ -	$ -				
9. Construction												
BFO288I(MICRO) (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$3.19	99,430.0	$ 317,400.00	$ 222,180.00	$ 95,220.00	$ -	Cash	30%		
BFO288W Materials (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$1.76	37,368.0	$ 65,900.00	$ 46,130.00	$ 19,770.00	$ -	Cash	30%		
BFO432I(MICRO) (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$3.24	489,730.0	$ 1,586,700.00	$ 1,110,690.00	$ 476,010.00	$ -	Cash	30%		
BFOV(1-1.25") (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$1.08	9,324.0	$ 10,100.00	$ 7,070.00	$ 3,030.00	$ -	Cash	30%		

BFOV(2X2X18/14)W (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$2.35	557,792.0	$ 1,311,900.00	$ 918,330.00	$ 393,570.00	$ -	Cash	30%		
BHF(24X36X24) (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$793.20	123.0	$ 97,600.00	$ 68,320.00	$ 29,280.00	$ -	Cash	30%		
BHF(36X48X30) (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$835.86	337.0	$ 281,700.00	$ 197,190.00	$ 84,510.00	$ -	Cash	30%		
BM2(5/8)(8) (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$19.36	337.0	$ 6,500.00	$ 4,550.00	$ 1,950.00	$ -	Cash	30%		
BM53F (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$16.28	936.0	$ 15,200.00	$ 10,640.00	$ 4,560.00	$ -	Cash	30%		
BM53F(LOC) (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$91.79	332.0	$ 30,500.00	$ 21,350.00	$ 9,150.00	$ -	Cash	30%		
HBFOL (BTC)	Includes all materials to construct middle mile fiber optic cable infrastructure	Foot	$441.60	343.0	$ 151,500.00	$ 106,050.00	$ 45,450.00	$ -	Cash	30%		
Outside Plant Labor (BTC)	Includes all labor to construct middle mile fiber optic cable infrastructure	Mile	$68,148.00	114.5	$ 7,802,000.00	$ 5,461,400.00	$ 2,340,600.00	$ -	Cash	30%		
BFO 288 (SMT)	Includes all materials to construct middle mile fiber optic cable infrastructure	Mile	$15,000.00	0	$ 2,100.00	$ 1,470.00	$ 630.00	$ -	Cash	30%		
BFO 144 and Duct (SMT)	Includes all materials to construct middle mile fiber optic cable infrastructure	Mile	$8,000.00	10	$ 80,304.00	$ 56,212.80	$ 24,091.20	$ -	Cash	30%		
BFO 72 and Duct (SMT)	Includes all materials to construct middle mile fiber optic cable infrastructure	Mile	$6,400.00	12	$ 76,121.60	$ 53,285.12	$ 22,836.48	$ -	Cash	30%		
Outside Plant Labor (SMT)	Includes all labor to construct middle mile fiber optic cable infrastructure	Mile	$79,161.84	22	$ 1,747,260.08	$ 1,223,082.06	$ 524,178.02	$ -	Cash	30%		
					$ -	$ -	$ -	$ -	Cash	#DIV/0!		
					$ -	$ -	$ -	$ -	Cash	#DIV/0!		
					$ -	$ -	$ -	$ -	Cash	#DIV/0!		
Total Construction					$ 13,582,785.68	$ 9,507,949.98	$ 4,074,835.70	$ -				
10. Equipment												
DWDM (BTC)	Middle Mile transport electronics implementation for entire Sapphire Ring	Item	$73,000.00	6	$ 438,000.00	$ 306,600.00	$ 131,400.00	$ -	Cash	30%		
Router and Optics (BTC)	Middle Mile transport electronics implementation for entire Sapphire Ring	Item	$39,000.00	4	$ 156,000.00	$ 109,200.00	$ 46,800.00	$ -	Cash	30%		
Cabinet (BTC)	Middle Mile transport electronics implementation for entire Sapphire Ring	Item	$72,000.00	2	$ 144,000.00	$ 100,800.00	$ 43,200.00	$ -	Cash	30%		
DWDM Install - CO labor (SMT)	Middle Mile transport electronics for sub-recipient's network segment	Other	$10,000.00	1	$ 10,000.00	$ 7,000.00	$ 3,000.00	$ -	Cash	30%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Equipment					$ 748,000.00	$ 523,600.00	$ 224,400.00	$ -				
11. Miscellaneous												
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Miscellaneous					$ -	$ -	$ -	$ -				
12. SUBTOTAL					$ 16,795,000.68	$ 11,756,500.48	$ 5,038,500.20	$ -				
13. Contingencies												
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
					$ -	$ -	$ -	$ -	N/A	0%		
Total Contingencies					$ -	$ -	$ -	$ -				
14. SUBTOTAL					$ 16,795,000.68	$ 11,756,500.48	$ 5,038,500.20	$ -				
15. Project (program) income												
					$ -	$ -	$ -	$ -	$ -	$ -	$ -	
					$ -	$ -	$ -	$ -	$ -	$ -	$ -	
					$ -	$ -	$ -	$ -	$ -	$ -	$ -	
					$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Project (program) income												
16. PROJECT TOTAL					$ 16,795,000.68	$ 11,756,500.48	$ 5,038,500.20	$ -			$0	