



TOWN OF PLYMOUTH

FINANCE DEPARTMENT
 26 COURT STREET, PLYMOUTH, MA 02360
 PHONE (508) 747-1620 EXTENSION 10177

To: Select Board
 From: Lynne Barrett
 Director of Finance
 RE: ARPA Authorization Adjustments & Requests
 Date: September 27, 2022

APPROVED BY
 SELECT BOARD
 10/4/22

I would like to request adjustments to ARPA funding previously authorized by the Select Board by voting to authorize the revised project amounts below:

ALL APPROVED ARPA PROJECTS TO DATE:	Previously Authorized	Note	Adjustment Requested	Authorization	Plymouth	Kingston	County
Fire Communication Tower	328,900			328,900	328,900		
SCADA Upgrades	797,000	A	(300,000)	497,000	497,000		
Airport Wastewater Treatment Plant Upgrades	2,500,000	B	700,000	3,200,000			3,200,000
Water Street Interceptor	3,850,000	B	850,000	4,700,000	4,700,000		
Water Street Pump Station Flood Barrier Wall	2,500,000			2,500,000			2,500,000
HVAC Fire Station 2	496,000			496,000	496,000		
HVAC Fire Station 5	343,000			343,000	343,000		
Outdoor Dining	80,000			80,000	80,000		
COVID Test Kits	306,400	C	(153,200)	153,200	47,851	105,349	
ADA Restroom Trailer	75,000			75,000	75,000		
EV Vehicles (After Rebate)	118,039			118,039	118,039		
TOTAL:	11,394,339		1,096,800	12,491,139	6,685,790	105,349	5,700,000
PLYMOUTH'S CURRENT FUNDING ALLOCATION:							
Directly from US Treasury:				9,472,098	9,472,098		
Via Town of Kingston				105,349		105,349	
Via Plymouth County (Phase 1 & 2):				5,796,280			5,796,280
TOTAL:				15,373,727	9,472,098	105,349	5,796,280
REMAINING AMOUNT AVAILABLE:				2,882,588	2,786,308	-	96,280

Note A: Engineering Services voted at the Spring 2022 Special Town Meeting from Sewer Retained Earnings.

Note B: Additional funding needed for the projects.

Note C: Second test kit order approved was not necessary due to kits received by the County.

PROJECT FORM - ARPA (American Rescue Plan Act): CLFRF (Coronavirus Local Fiscal Recovery Funds)

Staff Contact: Jonathan Beder-DPW Director
Project Name: SCADA/Network Security Improvements-Sewer
Location (address or gps): Various (18 locations)
Estimated Cost: \$ 797,260.00 (if over \$10M, additional info will be required)
Staff Contact: Jonathan Beder
Projected initiation of operations date (month/year): 10/2021
Will this project include any contracts > \$50,000? Yes No
Project Description (50-250 words):

This project shall reduce risk, improve system reliability, and provide cyber security for the Supervisory Control and Data Administrative (SCADA) network at multiple locations within the municipal sewer use area to include the following locations; Wastewater Treatment Plant, Plymouth South Wastewater Treatment Plant, Water Street Pump Station, and seven remote site upgrades to include-Industrial Park, Hedge Road, Holmes Point, Winter Street, Old Long Pond Road, Samoset Street, and the new Long Pond Road Station. In summary, system redundancy will be implemented through new interfaces, new improved security for remote SCADA access, and standardizing all facilities with Allen-Bradley PLC's. A radio path study will also be part of the project for the seven remote sites in order to determine the number of radio repeaters.

For Town Manager Dept Use

Submit to SB

SB Approval Date: 8/27/21

Amount: \$ 797,000.-

For Finance Dept Use

Project #: 5-3

Accounts:

22851235-
583440-
SCADA

Please attach all project backup (rfp, quotes, etc.) to this form

Expenditure Categories (check one box below):

1: Public Health

- 1.4 Prevention in Congregate Settings (Nursing Homes, Prisons/Jails, Dense Work Sites, Schools, etc.)
 1.7 Capital Investments or Physical Plant Changes to Public Facilities that respond to the COVID-19 public health emergency

5: Infrastructure

- 5.1 Clean Water: Centralized Wastewater Treatment
 5.2 Clean Water: Centralized Wastewater Collection and Conveyance
 5.3 Clean Water: Decentralized Wastewater
 5.4 Clean Water: Combined Sewer Overflows
 5.5 Clean Water: Other Sewer Infrastructure
 5.6 Clean Water: Stormwater
 5.7 Clean Water: Energy Conservation
 5.8 Clean Water: Water Conservation
 5.9 Clean Water: Nonpoint Source
 5.10 Drinking water: Treatment
 5.11 Drinking water: Transmission & Distribution
 5.12 Drinking water: Transmission & Distribution: Lead Remediation
 5.13 Drinking water: Source
 5.14 Drinking water: Storage
 5.15 Drinking water: Other water infrastructure

For 5.1-5.15:

National Pollutant Discharge Elimination System (NPDES) Permit Number: _____
(if applicable; for projects aligned with the Clean Water State Revolving Fund)

Public Water System (PWS) ID number: _____
(if applicable; for projects aligned with the Drinking Water State Revolving Fund)

- 5.16 Broadband: "Last Mile" projects
 5.17 Broadband: Other projects

For 5.16-5.17, see next page

Speeds/pricing tiers to be offered, including the speed/pricing of its affordability offering

Technology to be deployed

Miles of Fiber _____

Cost per Mile _____

Cost per Passing _____

Number of households projected to have increased access to broadband meeting the minimum speed standards in areas that previously lacked access to service of at least 25 Mbps download and 3 Mbps upload

_____ # households with access to minimum speed standard of reliable 100 Mbps symmetrical upload & download

_____ # households with access to minimum speed standard of reliable 100 Mbps download and 20 Mbps upload

institutions and businesses projected to have increased access to broadband meeting the minimum speed standards in areas that previously lacked access to service of at least 25 Mbps download and 3 Mbps upload,

in each of the following categories:

_____ Business

_____ Small Business

_____ Elementary School

_____ Secondary School

_____ Higher Education Institution

_____ Library

_____ Healthcare Facility

_____ Public Safety Organization

Specify # of each type of institution with:

Access to the minimum speed standard of reliable 100 Mbps symmetrical upload & download

_____ Business

_____ Small Business

_____ Elementary School

_____ Secondary School

_____ Higher Education Institution

_____ Library

_____ Healthcare Facility

_____ Public Safety Organization

Access to the minimum speed standard of reliable 100 Mbps download & 20 Mbps upload

_____ Business

_____ Small Business

_____ Elementary School

_____ Secondary School

_____ Higher Education Institution

_____ Library

_____ Healthcare Facility

_____ Public Safety Organization

INTEROFFICE MEMORANDUM

TO: KERE GILLETTE
ACCOUNTING OFFICER – FINANCE DEPARTMENT

FROM: CHRISTOPHER BADOT
ASSISTANT TO THE PLYMOUTH SELECT BOARD

SUBJECT: SCADA

DATE: SEPTEMBER 13, 2021

This is to acknowledge that at the Select Board Meeting held on July 27, 2021 the Board voted unanimously to allocate \$797,000 from the ARPA Funds to be used for SCADA Upgrades.

Regards,



Christopher Badot
Assistant to the Select Board
The Town of Plymouth, Massachusetts