

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST
FY24 FALL ANNUAL TOWN MEETING**

Department: Schools Facilities	Priority #:	3
Project Title and Description: Indian Brook Ele Intercom Replacement	Total Project Cost:	\$63,645.00

Department/Division Head: Matt Durkee

Check if project is: New ☒ Resubmitted ☐ **Cost estimate was developed:** Internally ☐ Externally ☒

For project re-submittals, list prior year(s):

List any funding sources and amounts already granted: _____

Basis of Estimated Costs (attach additional information if available)			If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.		
Capital:	Cost	Comments	Fiscal Year:	Capital	Operations & Maintenance
<i>Planning and Design</i>			FY23		
<i>Labor and Materials</i>	\$63,645.00		FY24		
<i>Administration</i>			FY25		
<i>Land Acquisition</i>			FY26		
<i>Equipment</i>			FY27		
<i>Other</i>					
<i>Contingency</i>					
Total Capital	\$63,645.00				

Project Justification and Objective: The current intercom system does not function in all spaces.
The Main Office controller for the intercom no longer works. Safety issue.

For Capital Project Requests:

Will this project be phased over more than one fiscal year? If yes, enter it on the 5 Year Plan Yes ☐ No ☒
Can this project be phased over more than one fiscal year? Yes ☐ No ☒

For Capital Equipment Requests:

☐ Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment

Telecore XL 230 years old

What is the expected lifespan of this new/replacement equipment: 25+years

Attach backup information, estimates, or justification to support this request.



NOREL
Service Co., Inc.

QUOTE #:	NORQ18761
DATE:	Oct 19, 2023



230 2nd Avenue , Suite 2,
Waltham, MA 02451-1123

Phone: 781-768-5500
Fax: 781-768-5502

Prepared For:

Matt Durkee
Indian Brook Elementary School
1181 State Road
Plymouth, MA 02360

Site Address:

Matt Durkee
Indian Brook Elementary School
1181 State Road
Plymouth, MA 02360

Prepared By:

Jay Cohen
jcohen@norelservice.com
800-828-FIRE ext.

Bldg/Job: Director of Facilities

Phone: (508) 830-4370

Mobile: (781) 217-8460

Email: mdurkee@plymouth.k12.ma.us

Site Phone: (508) 830-4370

P.O. Number	Payment Terms	Valid Through
	Please see attached Terms & Conditions	Nov 3, 2023

Norel Service Company is pleased to offer the following proposal to the Plymouth Public Schools - Indian Brook Elementary School.

The existing intercom-public address system is a Telecor XL older vintage Integrated Communication System. Field devices include a 25/70v speaker with a separate transformer. Norel Service Company proposes to furnish and install a new Rauland Telecenter U Critical Communication System reusing the existing field wiring. Norel will replace all the existing classroom speakers. Norel will provide (2) Telecenter U Campus IP Consoles for easy access to Emergency and Non-Emergency recorded announcements as well as All Page. The TCU will provide the ability to initiate the prerecorded emergency and non-emergency announcements from a workstation, tablet, panic button, or smart phone. The TCU provides easy web-based bell scheduling from on or off campus. Norel will provide (2) 24 Port Gateway's to provide two way communication over the classroom speaker. TCU software needs to be installed on a customer provided server or virtual server running Windows Server 2022 and SQL Server 2019. The system will require 9 PoE switch ports and IP addresses. A new rack mount Ashly 4 channel amplifier will be provide. Norel will provide and install (55) 12" classroom clocks and (2) 16" clocks for the gym and cafe.

Qty	Description	Manufacturer
1	Telecenter Campus Controller	Rauland Ametek
1	TCU License Controller	Rauland Ametek
1	Telecenter Campus Prog Module (Audio Input)	Rauland Ametek
1	Universal Mounting Kit	Rauland Ametek
2	Telecenter Campus IP Console	Rauland Ametek
2	Telecenter Campus 24 Port IP Gateway	Rauland
2	TCU Zone Page Module	Rauland Ametek
55	8" Spkr 25/70v Mtap Xfmr 5oz	Rauland

Qty	Description	Manufacturer
1	Ashly 4 Channel 150 Amplifier	Ashly
1	Patton Gateway SN4141	Patton
1	SMA 2000 Series Master Clock with 900 MHz Transmitter, Rack Mount & Wall Mount Antenna	Sapling
1	Installation Equipment	Norel
	Labor - Terminations/Connections/ Field Mounting	Norel
	Labor - Testing/Troubleshooting	Norel
	Labor - Terminations/Setup within Head End	Norel
	Labor - Replace Classroom Speakers/Clocks	Norel
	Labor - Programming	Norel
55	Sapling Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case	Sapling
2	Sapling Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case	Sapling
63	Slim Line Mounting Bracket with Tab for retrofit, Bracket only no wires	Sapling
114	Duracell ProCell Alkaline Battery (1)	Sapling
	Labor - Setup Master Clock	Norel Service Co.

Please contact me if I can be of further assistance.

Jay Cohen
 NOREL Service Co., Inc.
 Veteran-Owned Small Business VOSB
 230 Second Ave
 Waltham, MA 02451
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jcohen@norelservice.com

SubTotal	\$63,644.19
Tax	\$0.00
Shipping	\$0.00
TOTAL	\$63,644.19

Indian Brook Elementary School

Signature

Date:

Name (Print)

Plymouth Public Schools



Matthew Durkee <mdurkee@plymouth.k12.ma.us>

Indian Brook ES - New School Intercom & Speakers

1 message

Jay Cohen <jcohen@norelservice.com>

Mon, Oct 23, 2023 at 12:55 PM

To: "mdurkee@plymouth.k12.ma.us" <mdurkee@plymouth.k12.ma.us>

Hi Matt,

The attached proposal includes replacing all the classroom speakers and includes the IP Gateways.

The Gateways provide the two-way communication between the office and the classroom

it's a feature they use today. If you remove the new clocks system, please deduct \$ 12,660.00.

Please let me know if you have any questions, PCIS to follow shortly.

Thanks,

Jay

Jay Cohen

Senior Sales Engineer

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Plymouth Public Schools Indian Brook ES NORO18761.pdf

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