

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

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

**Department/Division Head:**

**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:**

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

**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

Can this project be phased over more than one fiscal year?

Yes  No   
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

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

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



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

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

QUOTE #:

NORQ18761

DATE:

Oct 19, 2023

**Prepared For:**

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

Phone: (508) 830-4370  
Mobile: (781) 217-8460  
Email: mdurkee@plymouth.k12.ma.us

**Site Address:**

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

Bldg/Job: Director of Facilities

Site Phone: (508) 830-4370

**Prepared By:**

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

**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 provided. 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  
[www.norelservice.com](http://www.norelservice.com)  
[jcohen@norelservice.com](mailto:jcohen@norelservice.com)

<b>SubTotal</b>	<b>\$63,644.19</b>
<b>Tax</b>	<b>\$0.00</b>
<b>Shipping</b>	<b>\$0.00</b>
<b>TOTAL</b>	<b>\$63,644.19</b>

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

Mon, Oct 23, 2023 at 12:55 PM

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

Norel Service Co. Inc.

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Plymouth Public Schools Indian Brook ES NORO18761.pdf  
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