

6AVON MAITLAND DISTRICT SCHOOL BOARD

Create Positive, Inclusive Learning Environments, and Maximize Outcomes for Students

DIRECTOR'S ACTION REPORT

TO: Regular Board Meeting – Tuesday, June 13, 2017

AGENDA ITEM: 5.3 c)

SUBJECT: Approval of Tender: Mechanical and Electrical Upgrades at Milverton Public School

1.0 Background

1.1 As part of the ongoing infrastructure improvements to be funded through Ministry facility grants, mechanical and electrical work was identified as being required in the gym at Milverton Public School. The work involves ventilation upgrades which includes deleting the existing exhaust fan on the roof, the supply fan in the gym storage area, old pneumatic control and heating coils and replacing with 2 propane fired rooftop units that will also supply cooling to the area. This will be tied into our existing building automation system. The new systems will be more efficient, provide improved indoor air quality to meet current standards, and replace components that are beyond their useful life. Existing lighting will be replaced with LED fixtures with dimming controls.

2.0 Project

2.1 Milverton Public School

2.1.1 Five contractors received tender packages. The following two prices were received.

Contractor	Tender Price (including taxes)
Culliton	\$202,383.00
JMR Electric Ltd.	\$169,274.00

2.1.2 MNE Engineering Incorporated recommends that the low bidder JMR Electric Ltd. be awarded the contract in the amount of \$169,274.00.

2.1.3 The recommended tender was less than the estimated budget amount for this project including fees of 12% for MNE Engineering Incorporated.

2.1.4 This project will be funded through the School Renewal funding. Attached is the recommendation from the Board's Consultant, which Administration supports.

3.0 Recommendation

It is recommended that

the Avon Maitland District School Board accept the tender from JMR Electric Ltd. for mechanical and lighting upgrades at Milverton Public School in the amount of \$169,274.00.

Janet Baird-Jackson
Superintendent of Corporate Services

Lisa Walsh
Director of Education and
Secretary of the Board



MNE Engineering Inc.
22 Kevco Place - Box A
Kitchener, Ontario N2C 2G5
519 894 9408
www.mneengineering.ca

June 2, 2017

Mrs. Janet Baird-Jackson - Superintendent of Corporate Services

Avon Maitland District School Board (AMDSB)
62 Chalk Street North
Seaforth, Ontario N0K 1W0
janet.bairdjackson@ed.amdsb.ca

**RE: Request for Tender Report
17-11011 Milverton Public School - Gym HVAC & Lighting Upgrades
MNE Project No. 17021**

This letter serves to summarize the tender process for the aforementioned project.

As part of ongoing facilities upgrades, MNE Engineering was retained to prepare drawings and specifications suitable for tender. The design mandate was to upgrade the heating, improve ventilation, introduce cooling, as well as to upgrade lighting and emergency lighting in General Purpose 0.40 and Stage 0.41.

The existing heating system includes a fan and heating coil as well as hot water perimeter heating. The existing system has no cooling and limited ventilation. The replacement system includes two propane-fired rooftop units with cooling and will maintain the existing perimeter heating. The rooftop units and perimeter heating will be controlled through the Building Automation System.

The existing lighting consists of High Intensity Discharge (HID) fixtures. They are inefficient with cumbersome controls. The existing, average, emergency lighting illumination is marginally Code compliant for a floor area where the public may congregate.

Solid state, or LED lighting fixtures have been specified on previous AMDSB designs due to their advantages over HID sources. The cost for interior LED lighting has continued to decrease as LED products continue to dominate the market. New LED lighting was specified for the lighting and emergency lighting. Simple dimming controls were also included for flexibility on the use of the spaces.

A bidder's package was prepared to incorporate the AMDSB Broad Public Sector (BPS) process. The package was made available to five Mechanical Contractors directly from our office. The following table summarizes the submissions received prior to the June 1, 2017 closing time:

Contractor	Contract Price	HST
Turner Plumbing & Heating Ltd.	declined to submit	
Brad Baker Plumbing, Heating & Electrical	declined to submit	
Stratford Metal Products Ltd.	did not submit	
Culliton	\$179,100.00	\$23,283.00
JMR Electric Ltd.	\$149,800.00	\$19,474.00

JMR Electric Ltd.'s submission was in order.

It is our experience that JMR Electric has successfully completed projects for the AMDSB. MNE recommend that the AMDSB award this contract to JMR Electric Ltd. for the total amount of **\$169,274.00** (Contract Price + HST).

If you have questions or require any additional information, please do not hesitate to contact our office.

Regards,

A handwritten signature in black ink that reads "Andrew Gubbels". The signature is written in a cursive, flowing style.

Andrew Gubbels, P.Eng.
Project Engineer