AVON MAITLAND DISTRICT SCHOOL BOARD

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

DIRECTOR'S ACTION REPORT

TO: **Regular Board Meeting – Tuesday, February 28, 2017**

AGENDA ITEM: 4.3 c)

SUBJECT: **Approval of Tender: HVAC Upgrades at South Huron District High School**

1.0 Background

1.1 As part of the ongoing infrastructure improvements to be funded through Ministry facility grants, mechanical work was identified as required in the gymnasium and in the east end classrooms on the second floor at SHDHS. The work includes replacing the original hot water air handling units serving these areas and replacing them with air handling systems that will provide demand controlled ventilation for improved indoor air quality and better efficiency. Work also includes upgrading fire separations between the corridors and occupied spaces to meet current code requirements.

2.0 Project

2.1 **SHDHS**

2.1.1 Three contractors received tender packages. The following three prices were received.

Contractor	**Tender Price (including taxes)**
Stratford Metal Products Limited	$501,178.73
JMR Electric Ltd.	$450,418.00
Brad Baker Plumbing, Heating & Electrical Inc.	$432,253.25

2.1.2 There was a separate price identified to delete, if required to manage costs, the work associated with the conversion of an electrical panel from 3-phase, 3-wire to 1-phase, 3-wire. It was recommended that the separate price not be accepted.

2.1.3 MNE Engineering Incorporated recommends that the low bidder, Brad Baker Plumbing, Heating & Electrical Inc. be awarded the contract in the amount of $432,253.25.

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

2.1.5 This project will be funded through the School Condition Improvement 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 Brad Baker Plumbing, Heating & Electrical Inc. for mechanical upgrades at South Huron District High School in the amount of $432,253.25.

Janet Baird-Jackson
Superintendent of Corporate Services

Ted Doherty
Director of Education and
Secretary of the Board

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Febrary 23, 2017

Mrs. Janet Baird-Jackson - Superintendent of Corporate Services
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RE: Request for Tender Report
17-11020 South Huron DHS - Classrooms and Gym HVAC Upgrades
MNE Project No. 17038

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

As part of the ongoing facilities upgrades for the AMDSB, MNE Engineering was retained to prepare drawings and specifications suitable for tender. The design mandate was to upgrade the heating and ventilation systems serving the gym.

The existing hot water air handling units serving the gymnasium and classrooms on the end of the second floor East are original to the building, they are over 50 years old and they have passed their useful service life.

The gym's air handing system will be more efficient and will provide better air quality by utilizing demand controlled ventilation. The classrooms' air handling system will also utilize variable frequency drives, in addition to demand controlled ventilation for improved air quality and better efficiency. Life Safety will be also improved by upgrading fire separations between the corridors and the occupied spaces to meet current code requirements.

A bidder's package was prepared to incorporate the AMDSB's Broad Public Sector (BPS) process. An ad was placed in the Daily Commercial News, the tender package was posted at the Construction Associations, and the tender package was made available to all interested Mechanical Contractors. The following table summarizes the results that were received prior to the specified closing time:

Contractor	**Contract Price**	**HST**
Stratford Metal Products Ltd.	$443,521.00	$57,657.73
JMR Electric Ltd.	$398,600.00	$51,818.00
Brad Baker Plumbing, Heating & Electrical Inc.	$382,525.00	$49,728.25

Brad Baker's submission was in order and included the following separate price (to delete from the contract): All material and labour associated with the conversion of electrical panel '1L' from 3-phase, 3-wire to 1-phase, 3 wire for $2,800.00 + HST.

The contract price is below the original budget estimate and therefore it is recommended to proceed with the electrical panel upgrade.

It is our experience that Brad Baker Plumbing, Heating & Electrical Inc. has successfully completed projects for the AMDSB. MNE recommend that the AMDSB award this contract to Brad Baker Plumbing, Heating & Electrical Incorporated for the total amount of **$432,253.25** (Contract Price + HST).

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

Regards,

Jozsef Meszaros
Project Manager