

DATE: January 9, 2023

MEMO TO: John Wasik, Chair
Planning Committee

FROM: Randall L. Seebach
Director of Planning and Land Preservation

RECOMMENDATION: Approve Change Order No. 2 to the Contract with Flo-Tech Mechanical Systems, Inc. (Flo-Tech) to change the HVAC controls for the new net-zero Education Facility (Education Facility) at Edward L. Ryerson Conservation Area from standalone controls to a building automation system, increasing the Contract Price by \$40,865.00.

STRATEGIC DIRECTIONS SUPPORTED: Public Access and Connections; Conservation; Leadership; Communication; Organizational Sustainability; Education and Outreach

FINANCIAL DATA: The Education Facility project was approved as part of the adopted FY2022 Capital Improvement Plan in the amount of \$4,500,000.00. The Flo-Tech change order will be charged to account 39104100-803000-61410 and will increase the contract price by \$40,865.00 for a total contract price of \$297,887.40.

BACKGROUND: The Education Facility will replace and expand the education programming previously offered at two existing log cabins which had reached the end of their useable life and did not comply with current accessibility codes. The Education Facility is being built as a net-zero energy building and the District received funding assistance from the Net Zero Energy Building Program offered by the Illinois Clean Energy Community Foundation (ICECF) for a portion of the facility. Phase I of the Education Facility includes a 3,400-SF building with two classrooms, restrooms, virtual teaching space, a net zero interpretive exhibit area and a 1,000-SF screened porch that will provide additional teaching space when the weather is accommodating.

The District divided the bidding for the Education Facility into 14 separate bid packages, assembled by construction trade, with each package having its own scope of work and specifications. On May 10, 2022, the Board approved a contract with Flo-Tech to provide mechanical equipment for the construction of Phase I of the Education Facility (Contract).

The Flo-Tech change order will allow for the switch from standalone controls (Daikin as bid) to a building automation system (Trane BAS). By switching to an automated system, the Operations Department will: (i) be better equipped for managing the Education Facility's long-term care and (ii) have a more efficient means of monitoring the performance of the equipment remotely when possible.

The change order will not change the overall budget for the project and will be drawn from the project contingency. Therefore, staff recommends approval of Change Order No. 2 to the Contract with Flo-tech Mechanical Systems, Inc. to change the Education Building's HVAC controls from standalone controls to automated Trane building control.

REVIEW BY OTHERS: Chief Operations Officer, Director of Finance, Purchasing Manager, Corporate Counsel.

MOTION: Motion (i) to approve Change Order No. 2 to the Contract with Flo-Tech Mechanical Systems, Inc. to change the HVAC controls for the new Education Facility at Edward L. Ryerson Conservation Area from standalone controls to a Trane building automation system, increasing the Contract Amount by \$40,865.00, in substantially the form attached to staff's January 9, 2023 memorandum and (ii) finding that:

- a. The circumstances necessitating the Change Order were not reasonably foreseeable at the time the Contract was signed.
- b. The Change Order is germane to the original Contract, as signed; and
- c. The Change Order is in the best interest of the District.

APPROVED:

Date: _____ Roll Call Vote: Ayes: ____ Nays: _____
 Voice Vote Majority Ayes; Nays: _____

Change Order



1899 West Winchester Road
Libertyville, Illinois 60048
PurchasingDept@LCFPD.org
847-367-6640

Date: 12/19/2022	Change Order Number (Please use drop down) 2	Department:(Please use drop down) *
Fiscal Year 2022	Purchase Order Number:	Planning Conservation
		Account Code: * 39104100-803000-61410
		Administrative Assistant Email * PALI@LCFPD.ORG

Project Information

Project or Bid Number:	Contractor Name: * ALI YOUNES	Original Contract Date: * 05/10/2022
Project Name: * RYERSON EDUCATION FACILITY	Contractor Email * AYOUNES@FLOTECHMECHANICAL.COM	Contract Type: * <input type="radio"/> Lump Sum Contract <input checked="" type="radio"/> Unit Price Contract
Site: ERCA08 Edward L. Ryerson Conservation Area	Contractor Admin Email	

To the Contractor: You are hereby authorized to make the following changes, subject to the Contract provisions.

Increase

Item Number	Item	Description	Amount
1	MECHANICAL CONTROLS	The switch from standalone controls to Trane BAS (building automation system) for the new Education Facility at Edward L. Ryerson Conservation Area. This will allow for the switch from standalone controls (Daikin as bid) to Trane BAS. By switching an automated system, the Operations Department will: (i) be better equipped for managing the building's long-term care and (ii) have a more efficient means of monitoring the performance of the equipment remotely when possible.	\$40,865.00

Decrease

Item Number	Item	Description	Amount (enter as a negative number):
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Time Extension

Change to Scope that results in time extension or no additional costs:

Change in Contract Price from this Change Order:
\$40,865.00

Revised Completion Date:

Change in Contract Time

Original Contract Time	Contract Time (as amended by <i>previous</i> Change Orders, if any)	New Contract Time
Commencement Date:	Commencement Date:	Commencement Date:
Completion Date:	Completion Date:	Completion Date

Change in Contract Price

Original Contract Price: *	Contract Price prior to this Change Order (as amended by <i>previous</i> Change Orders, if any): *	Net Change from original Contract Price resulting from this Change Order and all previous Change Orders:	New Contract Price
\$228,000.00	\$257,022.40	\$69,887.40	297887.400000
		Net Percentage Change from original Contract Price resulting from this Change Order and all previous Change Orders:	
		31.000000%	

Determination

Owner's Department Director and/or Standing Committee(s) hereby determine:

This Written Determination and this Change Order shall (i) be preserved in the Owner's file for the Contract and open to the public for inspection and (ii) constitute the Written Determination required by 720 ILCS 5/33E-9.

Please select all that apply:

The circumstances necessitating the Change Order were not reasonably foreseeable at the time the Contract was signed

The Change Order is germane to the original Contract, as signed.

The Change Order is in the best interest of the Owner and is authorized by law.

Attachments and Notes to Vendor

(1)

FI-Purchase Change order attachments

[FI-Purchase POCO attachments - 12/19/2022](#)

Please type your notes to the Vendor below:

Project Manager Recommendation

Project Manager **Select from list***

BMATHIS

Date of Recommendation:

Signature:

Department Director Approval

Department Director:

Date of Approval:

Signature:

Contractor Approval

Name:

Title:

Please click on the Signature box - Sign your name with your mouse. Then click **Save**. Click the Return to LCFPD button to send the item back to Lake County Forest Preserves.

Title:

Signature:

Date of Approval:

For Public works Contracts, Contractor also certifies that this Change Order will not cause or result in an increase in the price of any subcontract under the Contract that is 50% or more of such original subcontract's price.