

AMENDMENT TO THE BOARD AGENDA

IX. New Business

It is recommended that the Board of School Directors approve the following change orders:

C. Facilities

- c. Change orders in the amount of \$86,785.00.*

New Hope-Solebury School District
HS & MS Additions and Renovations
TFC Change Order Requests

Date: February 20, 2018

Scope of Work:

1. **TFC-COR-H034 Rev-3 Costs Associated with ASI #24 – Revised Routing of Chilled Water Piping in the MS:** Re-routing of chilled water piping within the MS building from 1st floor to 2nd floor corridors, terminating in attic level mechanical rooms.
2. **TFC-COR-046 - Costs associated with re-routing of mechanical piping for 4-pipe system per ASI #15, throughout HS Locker Rooms and Shop Rooms:** Re-route mechanical piping (part of 4-pipe system) differently that shown on contract drawings through HS Boys' & Girls' Locker Rooms as well as through Tech Ed shop rooms.
3. **TFC-COR-010 – Credit Associated with not providing new RTU-13 that feeds the Theater Lobby and Corridor (ASI#8):** Delete mechanical work associated with removal of existing roof-top unit and installation of new Roof Top Unit RTU-13 and offer credit back to District.
4. **TFC-COR-052 – Credit Associated with reuse of hot water loop piping located in Area A through Classrooms 136 & 137 that was deemed good by CE:** Delete removal and replacement of existing 4" hot water piping running in noted rooms and offer credit back to District.
5. **TFC-COR-045 – Credit associated with modifications to the return air system for the Fitness Center per ASI#6:** Return-air ductwork was shortened and rerouted in Team Room out of Trainers Room and offer credit back to District.

Reason for Performing Additional Work:

1. Re-routing of noted chilled water piping to provide a 4-pipe system to heat & cool the Middle School was required due to insufficient clearances on routes indicated on the bid documents.
2. Re-routing of noted chilled water piping to provide a 4-pipe system to heat & cool the Middle School was required due to insufficient clearances on routes indicated on the bid documents.
3. Value engineering, reduce project scope and save money, as existing unit is not that old and is operating properly.
4. Value engineering, reduce project scope and save money, as existing piping was inspected and verified by CE to be in good condition.
5. Re-routing and shortening of Return-air ductwork was necessary to continue mechanical work feeding the new Fitness Center as the Trainers' Room and adjacent spaces needed to remain

active during the school year while Fitness Center work was proceeding. Value engineering, reduce project scope and saved money as well as worked with Phasing.

Costs: The Fairfield Company (TFC)

1. <u>TFC-COR-034:</u>	\$69,160.00 (Revised)
2. <u>TFC-COR-046:</u>	\$62,510.00
3. <u>TFC-COR-010:</u>	\$30,156.00 (Credit)
4. <u>TFC-COR-052:</u>	\$ 8,691.00 (Credit)
5. <u>TFC-COR-045:</u>	<u>\$ 6,038.00 (Credit)</u>
<u>Total:</u>	\$86,785.00

Impact of not doing the work:

Without formal approval of work associated with the 4-pipe systems, cooling may not be available in the Spring of 2018.

New Hope-Solebury School District
HS & MS Additions and renovations
Change Order Requests

Date: February 20, 2018

Scope of Work:

1. Remove new fire alarm and structured cabling from the scope of work in the District Administration area (Circa 1930's building)
2. Install light fixtures and ceiling mounted devices in HS Gymnasium Corridor and Cafeteria Corridor, Second shift.

Reason for performing Work:

To alleviate electrical scope in the Summer of 2018. Light fixtures and ceiling mounted devices can be installed in these Corridors now, on second shift, so other work in these Corridors may continue and be completed prior to the end of school. Work includes EC supervisor and Journeyman and the following subcontractors (Waxman – F.A., Hubble – Lighting Controls, Telecom – Clocks, P.A., APTEC – Motion Sensors).

Costs:

1. Credit for not installing new fire alarm and structured cabling in District Administration area – (\$20,660.77 – Credit)
2. Costs to perform work on second shift in HS Gym and Cafeteria Corridors - \$20,660.77
 - a. EC Supervisor
 - b. EC Journeymen
 - c. Wayman (Fire Protection)
 - d. Hubbell (Lighting Control)
 - e. Telecom (Clocks/P.A. system)
 - f. APTEC (Motion sensors)

g. Linecom (Communications)

Impact of not doing work:

1. No impact of District Administration area. Confirmed with Building Code Official. A fire wall separates the Circa 1930's building from the High School. The building is permitted to be on a separate fire alarm system. District Administration currently is supported by CAT-5 Cabling.
2. Second Shift work, EC scope of work during summer of 2018 increases which jeopardizes the building completion date.