

**DOCUMENT 00 90 00  
ADDENDUM**

**ADDENDUM NO. [1]                      Date: October 3, 2018**

**RE:                      ZION LUTHERAN CHURCH ELEVATOR ADDITION  
                            20335 W. GALE AVENUE  
                            GALESVILLE, WI 54630  
                            HSR 13058**

**FROM:                  HSR Associates, Inc  
                            100 Milwaukee Street  
                            La Crosse, WI 54603  
                            (608) 784-1830**

**To:                      Prospective Bidders**

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated September 2018. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of [2] pages, Pre-bid attendance, [1] and [1] cut sheet.

**CHANGES TO BIDDING REQUIREMENTS AND CONDITIONS OF THE CONTRACT:**

1. Pre-bid attendance attached hereto.
  
2. Market and Johnson have been added to the invited bidders list.

**GENERAL REQUIREMENTS:**

3. Work Completed by Owner: The Owner will remove the partition wall on the north side of Storage #007.
  
4. Site Staging: Contractor shall have access to the west side of the church.
  
5. Site Work: The adjacent driveway and side walk will be impacted by excavation. Any disturbed drives and lawns shall be restored to pre-construction levels at project completion. The adjacent parsonage is currently owned by the church.
  
6. Hours of Work: The contractor can perform work during normal business hours starting at 7AM. The Owner will provide the contractor advanced notice of any special events occurring during the week. Construction activities can be modified accordingly.
  
7. Hazardous Materials: The Owner will furnish the asbestos survey to the contractor. Any materials identified as hazardous will be abated by others or encapsulated. Removal of the lower level ceiling finish and VCT in Storage #007 will be removed prior to project start up.

**CHANGES TO SPECIFICATIONS:**

8. Section 14 24 00 Hydraulic Elevators: Schumacher Contact Info:
  - a. Owen Teeling P: (319) 984-5676 owen.teeling@schumacherelevator.com

**CHANGES TO DRAWINGS:**

9. Sheet A100: 1/A100 LOWER LEVEL PLAN:
  - a. Storage #007 will be closed off for the contractor. Contractor shall provide temporary partition in Fellowship Hall #005. Enclose first three window bays on west wall and door to room #007 on north wall.
  - b. Finish flooring in Storage #007 will be VCT. Ceiling will be patched and painted, medium sand finish. Minor patching will also be required in the Fellowship Hall #005. Contractor should price matching adjacent materials. Repaint CMU walls contained within temporary enclosure limits.
10. Sheet A100: 2/A100 UPPER LEVEL PLAN:
  - a. Patch finish floor, wall and ceiling surfaces to match adjacent.
11. Sheet A500: 6/A500 ELEVATOR DOOR HEAD:
  - a. The new roof/ceiling structure can be adjusted up or down to tie into the existing roof/wall, but the finished ceiling height can be no lower than 7'-6".
12. Sheet M100: 3/M100 ENLARGED PLAN (LOWER LEVEL):
  - a. Remove existing fin tube and cap piping under windows in Fellowship Hall #005 where new elevator doors are to be installed. Install new hot water fin tube radiation FTR-1 in elevator shaft, see attached Rittling (or equal) cut sheet. Run new ¾" hot water piping to FTR-1 from tunnel. FTR-1 shall be installed low on east side of elevator shaft wall, coordinate with elevator clearances. Include all hot water accessories similar to detail 4/M100 (shutoff valves, temperature control valve, and balancing station) for FTR-1 with electric thermostat.
  - b. MS-1 in Elevator Equipment Room #008: MS-1 was adequate for Schumacher's equipment room requirements. MS-1 shall have low ambient control down to -20 degrees F.

**END OF DOCUMENT 00 90 00**





# Model **Copper - Aluminum**

<b>Project:</b> Zion Church
<b>Tag:</b> FTR-1

Qty	Coil Config	Rows of Element	Min. Installed Height
1	Hot Water	2	18 inches

**General Information**

Altitude:	0	Feet
Tube Diameter:	<b>3/4" TUBE</b>	
Fin Size:	<b>3-1/4" X 3-1/4" FIN</b>	
Fin Spacing:	<b>48 FINS PER FOOT</b>	
Length of Active Element:	8	Feet



**COPPER TUBE-ALUMINUM FIN**

**Enclosure General Information**

Model:	<b>FT</b>	
Depth:	<b>3 15/16" D</b>	
Height:	<b>14" H</b>	
Damper:	*	
Return:	*	
Bracket Type:	<b>Hot water</b>	
Minimum Installed Height:	<b>18</b>	inches
Floor to Top of Enclosure:	<b>18</b>	inches
Length of Inactive Enclosure:	<b>0</b>	Feet
Total Length of Enclosure:	<b>8</b>	Feet



**FT - FLAT TOP TOP OUTLET-OPEN INLET**

**Hot Water Heat**

Capacity:	<b>8.1</b>	MBH
Element Output:	<b>1018.2</b>	Btuh/Ft
Entering Air Temperature:	<b>65.0</b>	°F
Fluid Flow:	<b>1.0</b>	GPM
Entering Fluid Temperature:	<b>170.0</b>	°F
Leaving Fluid Temperature:	<b>153.6</b>	°F
Fluid ΔT:	<b>16.4</b>	°F
Fluid Pressure Drop:	<b>0.4</b>	ft. H2O
Fluid Type:	<b>Water</b>	
Glycol %:	<b>0</b>	

The results reported herein are based on testing by Zehnder Rittling. Variations in the installation and operational environment may alter performance. Zehnder Rittling disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. Continuous research and development may result in a change to an appliances design and specifications, which Zehnder Rittling may change without notice