

Cool Air Mechanical, Inc.

Cool Air Mechanical 1544 134th Ave NE Ham Lake, MN 55304
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August 11th, 2022

Trinity Lutheran Church Lindstrom, MN
Attn: Gail Seaver

Project:
Trinity Lutheran Church HVAC and Plumbing Upgrades

We are pleased to submit this proposal for HVAC as follows:

1. (1) New 7.5 Ton RTU placed on grade.
2. Horizontal ductwork distribution into the sanctuary.
3. Insulation.
4. Electrical allowance included in bid (\$5,000.00).
5. Crane.
6. Grilles and registers.
7. Programmable thermostat.
8. Start-up.
9. Test and Balance.
10. Engineering.
11. Permit.

Price for Adding A/C to Upper Sanctuary

\$ 62,000.00

12. (2) New 5 Ton CU's with coils and furnaces placed on grade on the East side of the building.
13. Twinning kits for the furnaces.
14. Ductwork connections to existing supply, return, and fresh air.
15. Insulation.
16. Refrigeration piping.
17. Gas piping.
18. Demolition of existing condensing unit and make up air unit and removal.
19. Electrical allowance included in bid (\$3,500.00).
20. Programmable thermostat.
21. Start-up.
22. Test and Balance.
23. Engineering.
24. Permit.

Price for Replacing the fresh air unit serving the sanctuary

\$ 64,000.00

25. (1) New 199,000 BTUH 100 Gallon condensing water heater.
26. Venting.
27. Gas piping.
28. Water connections.
29. Demolition and removal.
30. Electrical allowance included in bid (\$500.00).
31. Start-up.
32. Engineering.
33. Permit.

Price for Replacing the West Boiler Room Domestic Water Heater

\$ 22,000.00

- 34. (1) New 5 ton furnace, coil and A/C for the narthex.
- 35. Refrigeration piping.
- 36. Gas piping.
- 37. Ductwork connections.
- 38. Insulation.
- 39. Demolition **and removal**.
- 40. Electrical allowance included in bid (\$500.00).
- 41. Start-up.
- 42. Engineering.
- 43. Permit.

Price for Replacing the Narthex Furnace, coil and A/C

\$ 21,000.00

- 44. (1) New 399,000 BTUH Condensing boiler.
- 45. (1) New expansion tank.
- 46. New venting.
- 47. Gas piping.
- 48. Hydronic piping.
- 49. Demolition **and removal**.
- 50. Electrical allowance included in bid (500.00).
- 51. Start-up.
- 52. Engineering.
- 53. Permit.

Price for Replacing the west boiler

\$ 37,000.00

- 54. (1) New 500,000 BTUH Condensing boiler.
- 55. (1) New expansion tank.
- 56. New venting.
- 57. Gas piping.
- 58. Hydronic piping.
- 59. (4) New zone pumps.
- 60. Demolition **and removal**.
- 61. Electrical allowance included in bid (1,700.00).
- 62. Start-up.
- 63. Engineering.
- 64. Permit.

Price for Replacing the east boiler and zone pumps

\$ 49,800.00

- 65. (1) New 6 gallon electric water heater.
- 66. Plumbing piping.
- 67. Demolition **and removal**.
- 68. Electrical allowance included in bid (500.00).
- 69. Start-up.
- 70. Engineering.
- 71. Permit.

Price for Replacing the East Boiler Room Domestic Water Heater

\$ 2,600.00

- 72. (1) New 6 gallon electric water heater.
- 73. Plumbing piping.
- 74. Demolition **and removal**.
- 75. Electrical allowance included in bid (500.00).
- 76. Start-up.
- 77. Engineering.
- 78. Permit.

Price for Replacing the janitors closet Domestic Water Heater **\$ 2,600.00**

- 79. (3) New 5 Ton RTU's with economizers.
- 80. (3) Custom curb adapters.
- 81. New duct drops.
- 82. New return ductwork into space.
- 83. Insulation.
- 84. Electrical allowance included in bid (\$2,000.00).
- 85. Crane allowance included in bid (\$1,000).
- 86. New return grilles.
- 87. Start-up.
- 88. Test and Balance.
- 89. Engineering.
- 90. Permit.

Price for Adding A/C to ~~Upper Sanctuary~~ RTU for Fellowship Hall **\$ 66,000.00**

- 91. (1) New 5 Ton RTU with economizer and curb.
- 92. Horizontal ductwork distribution into the offices.
- 93. Insulation.
- 94. Electrical allowance included in bid (\$5,000.00).
- 95. Crane.
- 96. Grilles and registers.
- 97. Programmable thermostat.
- 98. Start-up.
- 99. Test and Balance.
- 100. Engineering.
- 101. Permit.

Price for Adding RTU to serve the front offices **\$ 58,000.00**

Note: Gas water heater model number BTH-120 AO Smith **Total \$385,000.00**
 5 ton RTU's 48JCDV06 Carrier 7.5 Ton RTU 48LCE008 Carrier
 Furnaces R96TA115252 RUUD
 A/C's RA1660AJ1NB RUUD
 Boiler East Riello 500SE Boiler West Riello 399SE
Not included in this bid is air exchangers and dehumidifiers for the basement.

Exclusions:

- 1. Cutting and patching of walls or ceilings.
- 2. Servicing of any existing equipment.
- 3. Roofing.
- 4. Structural.
- 5. Landscaping.

Authorized Signature *Rod Charlton*
612-221-5810

Note: This proposal may be withdrawn by us if not accepted within 15 days.