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Estimate

ESTIMATE#	77687763
DATE	05/09/2022/08-15-2022
PO#	

CUSTOMER
Trinity Lutheran Church Gail Sever 13025 Newell Ave Lindstrom , MN 55045 (612) 251-0537

SERVICE LOCATION
Trinity Lutheran Church Gail Sever 13025 Newell Ave Lindstrom, MN 55045 (612) 251-0537

DESCRIPTION	
	<p>*This project consist of using the current mechanical infrastructure but replacing the actual mechanical heat/cool devices. *All labor, permit, equipment, materials and crane costs are included in this bid. *Electrical work will be done by Trinity's own Electrical sub contractor. *The manufacturer warranty is listed below with each piece of equipment as the warranty varies by manufacturer. *Aerotek offers 5 years warranty on labor.</p> <p>*This project if done in full will require a span of 2-3 weeks to complete with considerations for events and outdoor temperatures. *This project will be a company wide priority along with the future maintenance and service care. *Being a local company we prioritize our local business as we understand the comfort needs for their patrons. *Below you will find each project line itemized to for ease, understanding and detail.</p> <p>*There are currently Xcel rebates of up to \$2950.00 available for the installation of this new equipment.</p> <p>+++REVISION 5/13/22 Added UV systems for each duct set. Removed 1 HRV, which should be an economizer on the RTU. Corrected the warranty info on the holding tank. +++</p> <p>revision post meeting on 8/3/22 This revision will remove the three roof top units for the fellowship hall and replace with two residential units located in the mech room. We will have a 10 cooling btu load for the fellowship hall which is 5ton less than current but based on conversation the current third system is never used. I will also be adding in an hvac package for the offices in lou of the ptac units. I will also be adding two honeywell dehumidifiers per request for the bsmnt. We will also be adding the piping to link the bsmtn bathrooms to the main mech room off of that indirect heater and removing the current water heater. Lastly I will be altering the quote to replace the current make up air unit and 10 condenser with two lifebreath commercial air exchangers and two residential furnaces and ac's. This will be the most affordable upgrade and will save the most money long term with bringing in tempered air before heating or cooling it. It should drastically reduce your gas consumption.</p> <p>8/15/22 REVISION. Per Jason's last visit with Gail, the best option is to use the (2) 5 ton air handlers. Therefore, I am now removing the 10 Ton Roof Top unit from the pricing. Also, there was some confusion on the dehumidifiers and fresh air exchangers (HRV). This is the breakdown - (4) Commercial HRV units to service in the fellowship hall, narthex, and 2 for the wings of the classrooms. (2) Commercial HRV units (both) to service in the sanctuary. (2) Dehumidifiers to service each end of the basement.</p>

Description	Qty	Rate	Total
Lochinvar Nobel 95% Boiler 150K 1 of 4 boiler dual tandem systems. This boiler to replace the older cast boiler. Includes all pumps controls and re piping. This unit also comes with an energy management control with outdoor reset. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	10,377.00	10,377.00
Lochinvar Nobel 95% Boiler 150K 2 of 4 boiler tandem to replace the older cast boiler This unit comes with new pumps, controls and piping. This unit comes with an energy management system and outdoor reset. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	10,377.00	10,377.00
Lochinvar 80 Gallon Indirect Hot Water Tank Lochinvar 80 Gallon Indirect Hot Water Tank Lochinvar offers a 5 Year Limited Tank Warranty on all models used in a commercial application and 1 year on parts.	1.00	4,850.00	4,850.00
Lochinvar Nobel 95% Boiler 150K This is boiler 3 of 4 that will be a tandem that will replace the newer of the two boilers. This unit will come with all pumps, controls and piping. This unit will have a energy management system with outdoor reset. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	10,377.00	10,377.00
Lochinvar Nobel 95% Boiler 150K This is boiler 4 or 4 that will be a tandem that will replace the newer of the two boilers. This unit will come with all pumps, controls and piping. This unit will have an energy management system with outdoor reset. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	10,377.00	10,377.00
Lochinvar Indirect Water Heater 40 gallon indirect water heater powered off of the boiler so its 95% efficient. This unit will be heated off of the units 1 and 2 boiler. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	3,678.00	3,678.00
Ruud 96% 2-Stage 100K Furnace This unit will replace the Narthex and nursery area. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	5,472.00	5,472.00
Ruud 16 SEER 5 T Air Conditioner This ac will replace the Narthex and nursery area. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	6,245.00	6,245.00
Ruud 2 Ton, 17", 14 SEER Air Handler with AC Condenser (Torque) This unit will replace the Kirvida Lounge. This will replace the air handler along with the outdoor condenser with lineset relocations. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	7,615.00	7,615.00
Miscellaneous Duct Work This duct project is to take the open air return in the fellowship hall east and covert to a sealed return system in its place.	1.00	1,750.00	1,750.00
Ruud 5 Ton, 24", 14 SEER Air Handler with AC Condenser (Torque motor) This unit will replace the air handler and outdoor condenser for the rear Sanctuary, East side. This condenser is 3 phase. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	9,118.00	9,118.00
Ruud 5 Ton, 24", 14 SEER Air Handler with AC Condenser (Torque) This unit will replace the outdoor unit and indoor air handler for the Sanctuary, West side. This condenser is 3 phase. This equipment carries a 5 year parts warranty, 5 year labor warranty.	1.00	9,118.00	9,118.00
Crane Subcontractor Crane subcontractor for installation of Ruud Rooftop Unit.	1.00	723.60	723.60
Commercial HRV 700DD Lifebreath Commercial HRV with fan damper defrost For fellowship hall, narthex, and each wing for classrooms Warranty: Units carry a 15 year warranty on the HRV core and a 2 year replacement parts warranty.	4.00	4,550.00	18,200.00

Description	Qty	Rate	Total
BreathClean UV UV bulb system easily installed in your existing ductwork and continually cleans the air as the air is circulating. BreathClean UV bulb systems carry a 5 year parts warranty and a 90 day labor warranty.	9.00	764.00	6,876.00
Ruud 96% 60K Btu 2 gas stage, variable speed ECM blower furnace Ruud 96% 2 stage 60 K Btu 2 gas stage, variable speed ECM blower furnace Ruud residential installs carry a 10 year parts and 5 year labor warranty. After 6 months have passed since the installation, an emergency fee may apply for after hours service. Annual maintenance is required to keep warranty in good standing and extend the life of the equipment. Ruud commercial installs carry a 1 year parts and 1 year labor warranty. Annual maintenance is suggested to extend the life of this equipment. Offices	1.00	6,222.70	6,222.70
Ruud 16 SEER 2 T Air Conditioner Ruud 16 SEER 2 T Air Conditioner Ruud residential installs carry a 10 year parts and 5 year labor warranty. After 6 months have passed since the installation, an emergency fee may apply for after hours service. Annual maintenance is required to keep warranty in good standing and extend the life of the equipment. Ruud commercial installs carry a 1 year parts and 1 year labor warranty. Annual maintenance is suggested to extend the life of this equipment. offices	1.00	6,283.20	6,283.20
Whole home duct system Aerotek will install new duct system per state code requirements for your new construction. Duct system for the offices	1.00	5,679.00	5,679.00
Ruud 5 Ton, 24", 14 SEER Air Handler with AC Condenser (Torque) Ruud 5 Ton, 24" 14 SEER Air Handler with AC Condenser (Torque) Ruud residential installs carry a 10 year parts and 5 year labor warranty. After 6 months have passed since the installation, an emergency fee may apply for after hours service. Annual maintenance is required to keep warranty in good standing and extend the life of the equipment. Ruud commercial installs carry a 1 year parts and 1 year labor warranty. Annual maintenance is suggested to extend the life of this equipment. fellowship hall east.	1.00	11,033.00	11,033.00
Ruud 5 Ton, 24", 14 SEER Air Handler with AC Condenser (Torque) Ruud 5 Ton, 24" 14 SEER Air Handler with AC Condenser (Torque) Ruud residential installs carry a 10 year parts and 5 year labor warranty. After 6 months have passed since the installation, an emergency fee may apply for after hours service. Annual maintenance is required to keep warranty in good standing and extend the life of the equipment. Ruud commercial installs carry a 1 year parts and 1 year labor warranty. Annual maintenance is suggested to extend the life of this equipment. fellowship hall west.	1.00	11,033.00	11,033.00
Whole home duct system Aerotek will install new duct system per state code requirements for your new construction. This cost reflects the ducting to connect the new furnace to the existing overhead trunk system. fellowship hall west	1.00	2,350.00	2,350.00
Whole home duct system Aerotek will install new duct system per state code requirements for your new construction. This cost reflects the ducting to connect the new furnace to the existing overhead trunk system. fellowship hall east	1.00	2,350.00	2,350.00
Ruud 96% 100K Btu 2 gas stage, variable speed ECM motor furnace Ruud 96% 100K Btu 2 gas stage, variable speed ECM motor furnace Ruud residential installs carry a 10 year parts and 5 year labor warranty. After 6 months have passed since the installation, an emergency fee may apply for after hours service. Annual maintenance is required to keep warranty in good standing and extend the life of the equipment. Ruud commercial installs carry a 1 year parts and 1 year labor warranty. Annual maintenance is suggested to extend the life of this equipment. These two units will be in conjunction with the two lifebreathe units that make up the make up air system. These units will be in place of the large make up air unit in the mech room.	2.00	6,620.90	13,241.80

Description	Qty	Rate	Total
Ruud 16 SEER 5 T Air Conditioner Ruud 16 SEER 5 T Air Conditioner Ruud residential installs carry a 10 year parts and 5 year labor warranty. After 6 months have passed since the installation, an emergency fee may apply for after hours service. Annual maintenance is required to keep warranty in good standing and extend the life of the equipment.	2.00	7,557.00	15,114.00
Ruud commercial installs carry a 1 year parts and 1 year labor warranty. Annual maintenance is suggested to extend the life of this equipment. these two ac will be part of the make up air system along with the two furnaces and lifebreath hrv.			
Honeywell TrueDRY DR 90 Honeywell TrueDRY dehumidifiers are designed to help maintain proper humidity levels.	2.00	3,839.00	7,678.00
Honeywell Dehumidifiers a 5 year parts warranty and a 2 year labor warranty. location = each end of the bsmtn to combat humidity issues.			
Commercial HRV 2500efd Lifebreath Commercial HRV with fan damper defrost Warranty: Units carry a 15 year warranty on the HRV core and a 2 year replacement parts warranty.	2.00	21,500.00	43,000.00
Contractor Discount for previous customer commercial.		5.00%	-8,896.92
Non credit card or finance payment discount.		3.20%	-5,694.03
Equipment Combination Discount for doing both heating (boilers) and cooling rtus		2.00%	-3,523.77

CUSTOMER MESSAGE

Estimate Total: \$221,023.58

PRE-WORK SIGNATURE

Signed By: