

Subject: Parish Center Update
Date: December 1, 2015

Enclosed are minutes of one of the Parish Center Sub-Committees. Please note how dedicated this team is to this project. Thank you.

Meeting Purpose - Review prospective HVAC contractor proposals

Meeting Goal

Provide an optimal performing and economical HVAC solution that takes into consideration the regulatory requirements, building capacity, initial investment, long term maintenance costs ALL without jeopardizing the architectural aesthetics of the Parish Center.

In Attendance

Holy Trinity Representatives - Jim Leister, Joel Fleishman, Larry Bunkelman, Jacky Herriges, Chad Cook
Groth Design Group – Joseph Clarke
CD Smith – Greg Sabel – Director of Construction Management, Mitch Kidd – Project Manager

Kleeman – Rick A. Kleeman Vice President

Proposal includes utilizing four units total (25 ton, 7 ½ ton, 5 ton and 2 ton) with the 25 ton servicing the Parish Center. Committee recommend replacing the one centered unit with two units to the outside of the Parish Center with duct work to better accommodate space constraints. Kleeman's proposal provided the needed kitchen ventilation systems – type 2 over dishwasher and type 1 for stove both systems with fire suppression capabilities. Proposal also includes constant volume and manual override capabilities. Committee discussed the possibility of using thin tubes for supplemental heat on window in Café (electric, quick and efficient). Restrooms – will include air exchange. Gas line will be run from the northwest corner of the church but need to determine visual appealing method.

Kohlman, Inc. – Doug Kohlman, President

Reviewed proposal including two 17 ½ ton two stage heat/cool roof top units over Parish Center with economizer to be placed over kitchen and bathroom area with spiral duct unit off of each unit and each side of Parish Center. Unit placement will require different placement of duct (space requirements over bleacher area) and interference with beams. Discussed use of micro fabric duct (cost effective installation with capability to clean and develop required hole-pattern). Reviewed possibility of using ERV's, Energy Recovery Ventilation, but this system though efficient would be very costly. Request was made to provide quote for digital system controls verses electromechanical.

Ideal – Mike Gaggioli, HVAC Manager

Suggested using two units – one 15 ton unit for the Parish Center and a 12 ½ ton unit with four zone controls for the remaining rooms. Spiral exposed duct was proposed but additional discussion was held on the micro fiber duct. Mr. Gaggioli believed the fabric duct was resilient but there may not be much cost savings over sheet metal. Team requested quote for digital control verses standard system. Ideal needs 6 complete weeks for the bid process.

All three representatives agreed to work with Trane components via parishioner contact and suggested the use of ceiling fans in the Parish Center and Café. All members of the committee understand that occupancy is very important in determining system design but needs to be taken into consideration at the level of primary use. It is also important to have the ability for individuals to easily control the system.

In closing, the contractors present will be given the opportunity to requote the HVAC system designs based on the committee review of the proposals and noted recommendations.