



11 October 2012

Dr. Damon Murphy
Superintendent of Schools
Canutillo Independent School District
7965 Artcraft Road.
El Paso, Texas 79932

CARL DANIEL ARCHITECTS
1100 N STANTON
SUITE 500
EL PASO, TEXAS
79902

Re: New Pre K-8th Grade School

Dear Dr. Murphy:

We are sending this letter to recommend a mechanical air conditioning system for the New Pre-K to 8th Grade School. We are recommending a four-pipe system with low profile air handler units. This system was being analyzed along with a Geothermal system and a Variable Refrigeration system. We are recommending the four-pipe system over the other two systems for the following reasons;

1. The four-pipe system is a lower first cost than either of the other two systems. The Geothermal is approximately one million more and the Variable refrigeration is approximately one-half million more. All three systems provide efficient energy usage. We do not believe the budget can support additional costs for the other two systems. The four-pipe system is a reliable energy efficient system and is a better system than the typical rooftop package unit system.
2. If we continue to delay this project, pending a decision on the air conditioning system, we believe we will incur additional costs for this school due to the bidding climate in El Paso. The one billion dollar hospital at Fort Bliss just bid Tuesday October 9th, and subcontractors are being selected for this project. The large Fountain Shopping Center is receiving bids for its subcontractors and the City of El Paso Baseball Stadium will start bidding early next year. All of these major projects will use subcontractors who would normally bid on school projects. With plenty of work the subcontractors' bids will not be as competitive for our project.

915-533-2700
FAX 915-533-2799

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As an option for the four-pipe system, VeMac is pricing an energy recovery alternate, which includes ducted returns and heat recovery units. This option is a high efficiency system that will decrease energy costs over the life of the building, will enhance the LEED Certification points and the qualifications for the Caudill Award.

We are therefore recommending a decision that will not further delay this project.

Sincerely,

A handwritten signature in black ink, appearing to read "Carl V. Daniel, Jr.", written in a cursive style.

Carl V. Daniel, Jr., AIA, NCARB, LEED AP

CVD/hr
C: Jennifer Matthews