Las Vegas

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?			X		
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?				X	
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?				X	
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?				X	
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?				X	
2	Do the proposed innovations have true market potential?				X	
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?				X	
2	How much maintenance is required to keep them operating at a high level?				X	
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?				X	
Total						93.0

PUBLIC COMMENTS

Highly efficient HVAC system (SEER 26). Fully integrated construction and controls solution.