| Team Austria |   |          |        |         |          |        |
|--------------|---|----------|--------|---------|----------|--------|
| ENGINEERING  |   | TEAM S   |        | SCORE   |          | POINTS |
|              |   | APPROACH | EQUALS | EXCEEDS | ECLIPSES | /100   |
| СО           | NTEST CRITERIA  | 0-60%    | 61-80% | 81-90%  | 91-100%  |        |
| Α.           | FUNCTIONALITY   |          |        |         |          |        |
| 1            | Do the systems function as intended?  |          |        |         | Х        |        |
| 2            | Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?   |          |        |         | Х        |        |
| 3            | Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?  |          |        |         | Х        |        |
| В.           | 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?   |          |        |         | Х        |        |
| 2            | Do the proposed innovations have true market potential?   |          |        |         | Х        |        |
| D.           | RELIABILITY   |          |        |         |          |        |
| 1            | How long are the systems expected to operate at a high level of performance?  |          |        | Х       |          |        |
| 2            | How much maintenance is required to keep them operating at a high level?  |          |        | Х       |          |        |
| 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? |          |        |         | Х        |        |
| 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?                                |          |        |         | Х        |        |
| To           | RLIC COMMENTS   |          |        |         |          | 93.0   |

## **PUBLIC COMMENTS**

Excellent analysis for both Irvine and Vienna loctiaons. Accomplished successful integration of diverse products fto make cost efficient and simple. Relied on extensive precommission and testing.