### City Q&A Rubric

**I. Knowledge & Understanding (28 Points)**

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| **1. Engineering & Technology**  
Demonstrates understanding of engineering and technology | Provides little or no detail and shows no understanding. | Answers questions with limited details. Understanding of concepts seems to be lacking. | Answers questions adequately but details could be better. Decent understanding of concepts. | Answers questions clearly and sufficiently. Good understanding of concepts. | Answers questions clearly and thoroughly. Elaborates with related details. Excellent understanding. |
| **2. Climate Change Challenge Theme**  
Demonstrates understanding climate change impact, adaptation, and mitigation strategies | Answers questions with little or no details. Shows little or no understanding of concepts. | Answers questions with limited details. Understanding of concepts seems to be lacking. | Answers questions adequately but details could be better. Decent understanding of concepts. | Answers questions clearly and sufficiently. Good understanding of concepts. | Answers questions clearly and thoroughly. Elaborates with related details. Excellent understanding of concepts. |
| **3. Teamwork & Project Management**  
Demonstrates understanding of teamwork  
Demonstrates knowledge of PM concepts | Answers questions with little or no details. Shows little or no understanding of concepts. | Answers questions with limited details. Understanding of concepts seems to be lacking. | Answers questions adequately but details could be better. Decent understanding of concepts. | Answers questions clearly and sufficiently. Good understanding of concepts. | Answers questions clearly and thoroughly. Elaborates with related details. Excellent understanding of concepts. |
| **4. City Design, Systems, & Operations**  
Demonstrates understanding of components that make a city livable  
Understanding of systems and operations needed for city to function | Answers questions with little or no details. Shows little or no understanding of concepts. | Answers questions with limited details. Understanding of concepts seems to be lacking. | Answers questions adequately but details could be better. Decent understanding of concepts. | Answers questions clearly and sufficiently. Good understanding of concepts. | Answers questions clearly and thoroughly. Elaborates with related details. Excellent understanding of concepts. |

**II. Delivery (14 Points)**

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| **5. Use of Model**  
Team refers to model (or visual representations) while answering questions. | Model/model segments are not referenced at all. | Few references to model/model segments. | Some references to model/model segments. | Some references to model/model segments. References enhance team’s answers. | Frequent references that enhance team’s answers. |
| **6. Collaboration**  
Team members displayed similar amounts of knowledge  
Team members shared time equally | Little or no collaboration and sharing. Unequal levels of knowledge. | Below-average collaboration and sharing. Unequal knowledge; one or two dominate. | Average collaboration and sharing. Knowledge level seems similar among team. | Very good collaboration, support and sharing among the team. Equivalent knowledge level for most of team. | Excellent collaboration and sharing among team members. All three team members display thorough knowledge. |

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