

Ladies and Gentlemen Competition Committee

The idea in Arena Green Park has set an icon and architectural building that characterizes the city of San Jose and the Silicon Valley region, and will be a global and local tourist attraction and express the spirit and history of the city in many cultures, cultural and societal aspects of civilization and future vision. With multiple civil and engineering ideas in the West and East Bank, taking into account the conditions mentioned in the competition, according to the following main points:

- Ideas in the East Bank in the region, which include: ideas to modify some pedestrian paths and link them beautifully to the ideas of tourist attraction and pleasure as needed and studies such as covered corridors that prevent aircraft noise. Games for children and teenagers. Aesthetic stones, plant decorating elements and thoughtful lighting. Various chairs and benches. Small cafes, bathrooms and various services. At different times and seasonal and annual occasions.

Ideas in the West Bank include ideas mentioned in the East Bank. With the addition of the main idea

In the form of an arch between the two banks to improve the location and idea expresses the spirit of electron science, which is the edifice, building or main architectural symbol. Which will be placed on the western side. This building has all its mass, various parts and location on the plot of land. It is 200 feet high. It requires operating a lot of energy, electrical and water appliances, maintenance facilities and services on site. Therefore, they must be studied in terms of energy saving, lighting and more efficiency

in operating them at different times and seasons. Recalling the principles and rules of modern design Net-Zero-Energy, which include: Simple design of the building with directing the building to the appropriate side, in addition to calculating the thermal mass of the various materials used in the building. Install insulation layers on request and for all outlets, while balancing the expected air vents. As well as the issue of taking advantage of the heat difference between the bottom of the building and the top of the building. The building must operate properly with more benefits, sustainability and efficiency. Preserving alternative energy resources that can be generated in a large piece of land and in the shape of a building such as a solar cell. To effectively provide that alternative building operational capacity and the entire site and bring it as close to zero as possible.

- With an additional suggestion necessary to create only a light and beautiful pedestrian bridge. As an idea, it combines the two banks of the river to facilitate movement and increase contact, so that visitors can walk on the site without having to walk and walk a long distance.

Best regards.