

April 7, 2021

Office of Congressman Vicente Gonzalez

Community Project Funding

City of Schertz Project Abstract: Corbett Water Ground Storage Tank

### **Explanation of why the project is a priority for the community**

The City of Schertz is pleased to submit the Corbett Water Ground Storage Tank Project to Congressman Gonzalez's office in response to the Community Project Funding request for projects.

The City of Schertz receives water from the Schertz Seguin Local Government Corporation (SSLGC) at two locations in the City. The first and primary location is the Live Oak Tank Site located in Central Schertz. This tank site provides water to the "Lower" and "Upper" water zones in the City. The second location that the City receives SSLGC water is at the Corbett Tank Site which is located in Southern Schertz. This tank site currently serves the "Southern" water zone in the City out of an existing elevated water storage tank.

The Corbett Tank Site serves approximately 2,300 water connections which equates to a population of approximately 5,800. The addition of the proposed 3.0 million gallon concrete water ground storage tank will provide critical storage and redundancy at the Corbett Tank Site in order to provide water to customers on a daily basis and to a larger portion of the City in an emergency situation. As detailed above, because the Corbett Tank Site has an SSLGC connection, it will serve as the primary water supply point for the City if the Live Oak Tank Site SSLGC connection fails. The 3.0 million gallons of storage is capable of providing continual water flow to the southern water zone, and is sized to cover the storage needs of the 1.5 million gallon ground storage tank at the Live Oak Tank Site in case of failure. In conjunction with the construction of the new ground storage tank, a new pump station will also be constructed and sized to feed the southern water zone through the existing elevated tank on site, and to pump water to the Live Oak Tank Site. From the Live Oak Tank Site, the water could then be pumped to the remaining water zones in the City, which would provide water to all 16,800 water customers which equates to a population of roughly 42,700. Finally, the project is planned to include a generator adequately sized to run all of the pumps during an electrical outage as experienced during the severe Winter Storm in Texas during February 12-19, 2021

The City of Schertz has begun design of the project and expects design to be completed in 6 months and expects the project to be "shovel ready" in October 2021. The City owns all of the necessary property to construct the project as planned, so no property acquisition is required. The City of Schertz is estimating the project cost is \$5 million as currently scoped.