



State Revolving Fund Loan Program

an Indiana Finance Authority Environmental Program

100 North Senate Avenue, Room 1275
Indianapolis, Indiana 46204
www.srf.in.gov

MEMORANDUM

TO: Project File, City of Crown Point, Water System Improvements Phase I Project
SRF Project #DW 18 04 45 01

FROM: Tracey R. Trimpe

DATE: December 15, 2018

RE: Green Project Reserve, Business Case Summary

The City of Crown Point, Water System Improvements Phase I Project includes improvements to storage, treatment, and distribution systems, which are described as follows:

- Replacement/upsizing of approximately 4,500 linear feet of water main, hydrants, valves, two (2) sampling stations, and related appurtenances for critical existing portions of Joliet and Walnut Streets;
- Installation of approximately 10,500 linear feet of new water main (looping), hydrants, valves, two (2) sampling stations, and related appurtenances for the Ellendale and Copper Creek-Regency subareas ;
- Replacement of water service lines for Areas 1, 2, 6, & 7;
- Rehabilitation of five (5) Existing Water Storage Tanks, (3 MG 96th Street and 1MG Kaiser Park Concrete Reservoirs, South Elevated 0.5 MG Spheroid Tank, North Elevated 0.5 MG Toro Ellipsoidal Tank, and 113th Street Elevated 0.5 MG Spheroid Tank), including the repair of spalls/cracks, painting tanks/miscellaneous piping, and the rehabilitation of hatches, handrails, and appurtenances;
- Installation of Mechanical Mixers for existing North, 113th Street and South Water Storage Tanks;
- Construction of one (1) additional Water Storage Tank (3.0 MG 96th Street Redundant Tank);
- Upgrade to one (1) Booster Station (**GPR**): Replacement of interior and exterior light fixtures and installation of an additional variable frequency drive (VFD) at the 96th Street Booster Station.
- Division A Mandatory Alternate: Installation of twenty (20) sampling stations;
- Division C Mandatory Alternate: Mechanical Mixers at 96th Place New and Existing Tanks;
- Division D Mandatory Alternate: Replacement of water service lines for Areas 3, 4, & 5.

Based on Post-Bid documentation, the **GPR for this project includes \$85,000** related to the upgrade of the booster station and installation of VFD's. This project is currently under construction and disbursement requests are being submitted to SRF for review/approval.

A Business Case, for the project listed above, was reviewed by internal staff and found to be in accordance with the SRF GPR requirements for the **Energy Efficiency category**.

