



CITY OF BANNING STAFF REPORT

TO: CITY COUNCIL

FROM: Douglas Schulze, City Manager

PREPARED BY: Art Vela, Public Works Director

MEETING DATE: April 23, 2024

SUBJECT: Discussion Regarding the Progressive Design Build Delivery Method for the Wastewater Treatment Plant Project

RECOMMENDATION:

Receive and file.

BACKGROUND:

The City of Banning Wastewater Treatment Plant (WWTP), also known as the Water Reclamation Facility, provides for the collection, treatment, and disposal of municipal sewage. The City has recognized that the WWTP is in need of capacity and treatment improvements in order to keep up with the City's growth as well as to produce recycled water supply to bolster its water supply portfolio and to meet impending wastewater effluent discharge quality permit requirements.

On December 13, 2022, the City Council approved Resolution 2022-14UA, "Awarding a Professional Services Agreement to N2W Engineering to Provide Owner Advisor Services and Preliminary Engineering for the Wastewater Treatment Plant Improvement Project.

N2W and staff has met to discuss the potential delivery methods for the project including: Design-Bid-Build, Fixed Price Design-Build and Progressive-Design-Build (PDB). After discussing and rating the alternatives staff has determined that the PDB delivery method would provide the best results in the shortest amount of time.

The purpose of this workshop is to introduce City Council and the public to the PDB approach.

JUSTIFICATION:

The Wastewater Treatment Plant Improvement project includes the design and construction of major complex treatment technologies that will allow the City to comply with impending wastewater discharge requirements and to produce recycled water. A PDB approach is a collaborative delivery method that involves the design-builder throughout the design and construction process resulting in a project that will meet the City's needs for the best value.

FISCAL IMPACT:

None related to this workshop. Fiscal impacts of the project will be presented to City Council at a later date.

ALTERNATIVES:

Not applicable.

ATTACHMENTS:

1. [PDB Primer.pdf](#)
2. [PDB Fact Sheet.pdf](#)
3. [PDB Frequently Asked Questions.pdf](#)
4. [California-2021-SB991-Chaptered.pdf](#)
5. [PDB vs FDB vs DBB.pdf](#)