



**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM
REGULAR MEETING**

Wednesday, May 13, 2020

SUBJECT

Professional Engineering Services Contract for the Enhanced Arroyo Aquifer Recharge Project (Phase 1)

BACKGROUND

EPWater has been recharging the Hueco Bolson aquifer for over 30 years. Aquifer recharge preserves groundwater levels of the aquifer and promotes the sustainable use of the aquifer. Since 1985, over 80,000-acre feet of reclaimed water from the Fred Hervey Water Reclamation Plant has been recharged to the aquifer. EPWater is looking towards increasing the amount of aquifer recharge by building additional infiltration basins. The expanded infiltration basin, known as the Enhanced Arroyo, will be constructed within an existing arroyo. This will allow for increased amount of aquifer recharge which will be of benefit to the long-term management of the Hueco Bolson, and, will be built as a functioning infiltration basin for aquifer recharge that will also include design of landscape amenities.

STRATEGIC OBJECTIVES SUPPORTED

Improve Infrastructure

EVALUATION PROCESS

Staff evaluated and determined that Moreno Cardenas, Inc. has extensive experience with the concepts developed during preliminary design and has demonstrated the knowledge and experience necessary to complete the design and construction of the Enhanced Arroyo Project. Staff recommends Moreno Cardenas, Inc. as the most qualified firm to provide these services.

FINANCIAL IMPLICATIONS

Sufficient funds are available in Account Number 2709, and the funding source is Improvement Fund.

PROPOSED ACTION REQUESTED

Consider and award a Professional Engineering Services Contract for design and bid phase services for the Enhanced Arroyo Aquifer Recharge Project (Phase 1) to Moreno Cardenas, Inc. in the amount of \$480,620; authorize future task orders or amendments to be issued under this contract for additional design and construction phase services in the estimated amount of \$2,500,000, providing that funding is available in the approved budget for the task orders or amendments.