



## AGENDA ITEM SUMMARY

### District Impacted

- ☐ 1 = Wolosin
- ☐ 2 = Woolard
- ☐ 3 = Scott
- ☐ 4 = Fowler
- ☒ 5 = Macaluso
- ☐ All

### AGENDA DATE

June 11, 2019

### DESCRIPTION

CONSIDER RESOLUTION NO. 2019-R50; A RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO AND MANAGE A PROFESSIONAL SERVICES AGREEMENT BETWEEN THE CITY OF BOERNE AND HDR ENGINEERING, INC. FOR ENGINEERING DESIGN, BIDDING, AND CONSTRUCTION ADMINISTRATION TO REPLACE ULTRAVIOLET DISINFECTION EQUIPMENT AT THE WASTEWATER TREATMENT PLANT. (*Esser Road*)

### STAFF'S RECOMMENDED ACTION (be specific)

Approve Resolution No. 2019-R50; Authorizing the City Manager to contract with HDR Engineering for professional design and construction services necessary to replace the ultraviolet disinfection equipment at the Esser Road Wastewater Treatment and Recycling Center in an amount not to exceed \$31,000.00.

### CONTACT PERSON

Michael Mann – Utilities Director

### SUMMARY

The City uses ultraviolet (UV) light to provide disinfection of the effluent being discharged from our wastewater treatment plants. This eliminates the need to dechlorinate the discharge as we would have to do with chemical disinfection.

The UV equipment installed at the Esser Road Wastewater Treatment Plant in the 1990's is obsolete and replacement parts are no longer available. Thus, the Council approved funding for replacement of the system under the current fiscal year's budget. The total cost for this replacement (design and construction) is expected to be about \$325,000.



	<p>Because construction of the project will exceed \$50,000, we are required by State Law to bid the work. This requires professional engineering design services. Additional professional services for assistance in administrating the eventual construction contract are also necessary. HDR Engineering was selected to perform these services based on the firm's qualifications and their knowledge of our systems and operations.</p> <p>We have negotiated a scope of services and the associated fees with HDR. A copy of their proposed task order is attached for the Council's review. The proposed lump sum fee for their scope of work is \$31,000. Staff concurs this is appropriate compensation and recommends the Council authorize the City Manager to contract with HDR Engineering for this work.</p> <p>Design and Bidding of the work will require about 105 calendar days. Staff will present the results of the construction bids to the Council after they are received and recommend awarding the construction contract at that time.</p>
<b>COST</b>	\$31,000
<b>SOURCE OF FUNDS</b>	
<b>ADDITIONAL INFORMATION</b>	

This summary is not meant to be all inclusive. Supporting documentation is attached.